

GROUND APPRAISAL REPORT

for the site at

HENFIELD ROAD,


SMALL DOLE, HENFIELD,

BN5 9YH

on behalf of

WATES DEVELOPMENTS LIMITED



Report:	GROUND APPRAISAL REPORT
Site:	LAND AT HENFIELD ROAD, SMALL DOLE, HENFIELD, BN5 9YH
Client:	WATES DEVELOPMENTS LIMITED
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AMENDMENT RECORD

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FIGURES

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APPENDIX A	Desk Study Information, Site Walkover Photographs & Preliminary Zetica UXO Mapping
APPENDIX B	Exploratory Hole Logs & Section Drawings
APPENDIX C	Ground Gas and Groundwater Monitoring Data
APPENDIX D	Geotechnical Laboratory Test Results
APPENDIX E	Geochemical Laboratory Test Results & HazWaste Classification Report

EXECUTIVE SUMMARY		
Site Details	Site Address	Land at Henfield Road, Small Dole, Henfield, BN5 9YH
	Form of Development	Outline planning application for up to 45 dwellings (including affordable homes) with all matters reserved apart from access
	Scope of Works	An intrusive investigation to confirm the ground and groundwater conditions and support the development by providing geotechnical and geo-environmental assessments of the site in relation to the proposed redevelopment.
	Ground Conditions	The ground conditions comprised Topsoil and Made Ground overlying the bedrock of the Lower Greensand Group.
	Groundwater	<p>Potential groundwater was encountered at depths of between 1.90m bgl and 2.48m bgl during the intrusive works. Groundwater seepages were also encountered at depths of between 1.30m bgl and 3.00m bgl during the intrusive works.</p> <p>During the three monitoring visits to date, water has been recorded at depths of between 0.10m bgl and 3.82m bgl; the well within WS04 was recorded as 'dry' at a depth of 4.00m bgl (depth of installation) for visits one and two. The well within WS05 was recorded as 'dry' at a depth of 2.50m bgl (depth of installation) for the third visit. A further nine groundwater depth monitoring visits were outstanding at the time of writing this report.</p>
Geotechnical Considerations	Traditional Foundations	<p>It is recommended that the NHBC Standards, Chapter 4.2 be adopted for the classification of volume change potential and the design foundation depth. On the basis of the results of the Atterberg Limit tests in conjunction with the ground conditions in the intrusive positions it is considered that the cohesive strata of the Lower Greensand Group up to 1.5m bgl be classified as medium volume change potential, requiring a minimum foundation depth of 0.90m, remote from trees. At depths greater than 1.5m bgl, the strata can be classified as low volume change potential. The sandstone may be considered non shrinkable. Foundations within shrinkable soils within the zone of moisture demand of existing, proposed or recently removed trees will require deepening. Where calculated foundation depths exceed 1.50m on account of trees, heave protection measures may be required.</p> <p>A net allowable bearing pressure of 125kPa is considered suitable for traditional trench foundations up to 1.50m in width taken down through any disturbed, desiccated or soft materials to bear upon the firm to stiff clays and silts of the Lower Greensand Group. Furthermore, foundations which span the clay, silt, siltstone and sandstone horizons of the Lower Greensand Group should be nominally reinforced to account for differential settlement.</p>
	Excavations	<p>Shallow excavations within any Made Ground should remain relatively stable in the short term. However, any longer deeper excavations within any deeper zones of Made Ground are likely to be unstable and require battering to a safe angle or temporary support.</p> <p>Shallow excavations above the water table within the Lower Greensand Group are likely to remain stable in the short to medium term. Deeper excavations within the Lower Greensand Group may be subject to instability particularly where taken below the groundwater table and would require some form of temporary support, battering back to a safe angle and groundwater control.</p> <p>Clays of the Lower Greensand Group will soften rapidly when exposed to water, as such, any foundation trenches should be concreted immediately. In addition, localised</p>



		spalling and/or collapse may occur where foundation trenches intercept lenses of perched water and/or groundwater. Dewatering of trenches would be required in such circumstances.
	Soakaways	Traditional soakaways may perform satisfactorily on some higher, isolated parts of the site. However, the capacity of these soakaways may be limited due to groundwater depth and potential water seepages.
	Buried Concrete	Lower Greensand Group: DS-1 (AC-1).
	Pavements	Based on the laboratory and in-situ test results, a CBR value of 3% is recommended for pavements constructed upon the Lower Greensand Group across the site. Based on the results of the laboratory analysis, the Lower Greensand Group should be deemed frost susceptible throughout thus a minimum pavement thickness of 450mm would be appropriate.
Environmental Considerations	Human Health	Remedial measures to protect future end users of the proposed development from soils on site will not be required.
	Adjacent Land Users	Remedial measures to protect adjacent land users of the proposed development from soils on site will not be required.
	Soft Landscaping	Remedial measures to protect future and existing soft landscaping on the site will not be required.
	Built Environment	Barrier pipe is not considered to be necessary for potable water supply pipes on site.
	Surface Water	Remedial measures to protect the surface water feature (stream) on the southern boundary of the site will not be required.
	Groundwater	Measures to remediate the groundwater beneath the site are not considered necessary.
	Ground Gases	<p>The results of the three monitoring visits to data are considered representative of British Standard CS1/NHBC Traffic Light Green, for which no ground gas protection measures would be required.</p> <p>A further three ground gas monitoring visits were outstanding at the time of writing this report. It is recommended that the results of these visits be obtained prior to designing the ground floor slabs.</p>
	Waste Disposal	The Topsoil, Made Ground and Lower Greensand Group encountered on site would be classified as Non Hazardous waste. The results of the WAC analysis indicate the encountered Topsoil and Made Ground would be suitable for disposal at an inert waste facility.
Discovery Strategy	A discovery strategy must be maintained during development such that any abnormal conditions (geotechnical or potential contamination) are identified and their potential impact on the proposed development assessed prior to determining any potential mitigation measures.	
<p>Further Action:</p> <ul style="list-style-type: none"> • Await results of on-going ground gas and groundwater depth monitoring visits. • Submit results of chemical testing to water utility company. 		
<p><i>This Executive Summary is intended to provide a brief summary of the main findings and conclusions of the investigation. For further information, reference should be made to the main report ref. GE22017 - GARv1JK231220.</i></p>		

1.0 INTRODUCTION

1.1 General

Geo-Environmental Services Limited (Geo-Environmental) was instructed by Wates Developments Limited to undertake an investigation of the geotechnical and geo-environmental factors pertaining to proposed development of the site at Henfield Road, Small Dole, Henfield, BN5 9YH (herein referred to as 'the site'). The site's location is presented in Figure 1.

1.2 Form of Development

Outline planning application for up to 45 dwellings (including affordable homes) with all matters reserved apart from access. An Illustrative Scheme is included in Figure 2 (ref. 23088 / SC101E).

1.3 Site Description

The site comprised a broadly rectangular shaped parcel which was undeveloped agricultural land at the time of the site walkover in 2023.

The site was covered with low cut grass and other ruderals. The site sloped downwards to the north and south from a broadly central ridge running east/west.

The boundaries comprised mature and semi-mature hedgerows and trees with a stream noted on the site's southern boundary. Access to the site could be gained from Henfield Road to the east or from New Hall Lane to the north.

The surrounding area generally comprised residential properties and agricultural land.

A record of the photographs obtained during the site walkover survey are included in Appendix A.

1.4 Objectives

The investigation was to comprise a desk study of geotechnical and environmental factors pertaining to the site, including a site walkover survey, a review of available historical maps and an examination of other sources of geo-environmental and geotechnical information. Subject to the findings of the desk study, an intrusive investigation was to be undertaken into the geotechnical and geo-environmental conditions pertaining to the site.

The data from the geotechnical investigation was to form the basis of an interpretation with respect to foundation design, concrete specification, pavement design and excavation stability.

In terms of the environmental investigation a Preliminary Risk Assessment (PRA) was undertaken as part of the desk study in accordance with Land Contamination Risk Management (LCRM), in order to identify any specific requirement for and scope of any further assessment. The objective of the risk assessments was to evaluate the risks posed to the proposed redevelopment, adjacent land uses and the wider environment, in the context of likely planning requirements, immediate liabilities under the Environmental Protection Act 1990 and risks posed to Controlled Waters under the Water Resources Act from the current status of the site and in line with the proposed redevelopment.

1.5 Standards and Guidance

Where practicable, the ground investigation and subsequent geotechnical and environmental assessments were undertaken in accordance with the following documents and guidance.



- British Standards Institute - Code of Practice for Earth Retaining Structures (BS8002:2015).
- British Standards Institute - Code of Practice for Site Investigations (BS5930:2015).
- British Standards Institute - Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings (BS8485:2015+A1:2019).
- British Standards Institute - Eurocode 7 – Geotechnical Design - Parts 1 & 2 (BS EN1997-1:2004 & BS EN1997-2:2007).
- British Standards Institute - Guidance on investigations for ground gas. Permanent gases and Volatile Organic Compounds (VOCs) (BS8576:2013).
- British Standards Institute - Investigation of Potentially Contaminated Sites - Code of Practice (BS10175:2011+A2:2017).
- British Standards Institute - Soils for Civil Engineering Purposes (BS1377:1990).
- British Standards Institute - Specification for Topsoil and Requirements for Use (BS3882:2015).
- Building Research Establishment - Soakaway Design - DG 365 (2016).
- Building Research Establishment - The Performance of Building Materials in Contaminated Land (BRE255) (1994).
- Construction Industry Research and Information Association - Assessing risks posed by hazardous ground gases to buildings (C665) (2007).
- Department for Environment Food and Rural Affairs and CL:AIRE - Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination (SP1010) (2014).
- Department of Environment - Industry Profiles (1995 - 1996).
- Environment Agency - Guidance for waste destined for disposal in landfills (2006).
- Environment Agency - Guidance on Requirements for Land Contamination Reports (2005).
- Environment Agency - Land Contamination Risk Management (LCRM) (2023).
- Ministry of Housing, Communities and Local Government - National Planning Policy Framework (2023).
- National House Building Council, Environment Agency & Chartered Institute of Environmental Health - Guidance for the Safe Development of Housing on Land Affected by Contamination (R&D Publication 66) (2008).
- National House Building Council - Guidance on evaluation of development proposals on sites where methane and carbon dioxide are present (10627-R01[04]) (2007).
- National House Building Council – Standards, Chapter 4.1 Land Quality - Managing Ground Conditions (2023).

1.6 Conditions

This report does not purport to be a “Geotechnical Design Report” as defined in Clause 2.8 of Eurocode 7 (Geotechnical Design BS EN 1997-1:2004) and some of the data used to support this preliminary geotechnical assessment may not be fully compliant with that design code. It is considered possible that further detailed ground investigations could be required to facilitate the detailed geotechnical design process and should be carried out on a structure specific basis if necessary.

The data collected from the investigations have been used to provide an interpretation of the geotechnical and/or environmental conditions pertaining to the site. The recommendations and opinions expressed in this report are based on the data obtained. Geo-Environmental takes no responsibility for conditions that either have not been revealed in the available records, or that occur between or under points of physical investigation. Whilst every effort has been made to interpret the conditions, such information is only indicative and liability cannot be accepted for its accuracy.

It should be noted that in particular the concentrations and levels of mobile liquid and gaseous materials are likely to vary with time. Additionally, the absence of asbestos noted during the site walkover or within any soil samples



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analysed does not guarantee the absence of asbestos within buildings, within or bonded to concrete, as discrete burials, or within the soil mass elsewhere within a site. This report must not be taken as, or assumed to imply, any guarantee that a site is free of hazardous or potentially contaminative materials.

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Assessment criteria or other parameters developed for the evaluation of contamination on this site are based on a number of assumptions regarding exposure and toxicology. Exposure to contaminants and levels of adverse effects may therefore vary. Whilst reasonable care and expertise has been employed in the development of such criteria, no liability is accepted in this respect. Other criteria or guidance on the development of assessment criteria may be published in the future and no liability is accepted in this respect.

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2.0 DESK STUDY

The findings of the Phase I desk study are presented in the following section. A copy of the historical maps and other information obtained as part of the desk study are presented in Appendix A. Comments made in the following section regarding possible ground conditions on the site are based purely on the findings of the desk study.

2.1 Historical Mapping

Historical maps dating back to 1875 were obtained as part of the desk study. A summary of the apparent key features observed on the map extracts both on the site and within the local area is presented within Table 2.1.

Date	On-site	Off-site
1875	Mapping indicated the site to occupy part of an open field with the southern boundary demarcated by trees and a stream.	The surrounding area generally comprised open agricultural fields and areas of mixed woodland. Some very sparse residential properties were noted to the north and south of the site. Newhall Farm was labelled approximately 225m to the west of the site.
1879 - 1899	No changes noted.	No significant changes noted.
1911 - 1912	No changes noted.	No significant changes noted.
1947 - 1951	Aerial Photograph - No changes noted.	Aerial Photograph - Evidence of a quarry was noted 670m south of the site.
1958	A track was mapped running broadly east to west across the centre of the site.	Significant residential development was shown to the north, east and south-east. Residential properties with associated gardens were shown to the immediate north of the site. A number of glass-roofed structures were mapped approximately 140m to the west of the site boundary.
1961 - 1962	No changes noted.	The quarry was mapped to have expanded westward.
1976	No changes noted.	Further residential development was shown in the surrounding area. The quarry was labelled as a disused pit.
1978	No changes noted.	No significant changes noted.
1990	No changes noted.	Further residential development was shown to the north-east of the site boundary.
1994	No changes noted.	No significant changes noted.
1999	Aerial Photograph - No changes noted.	Aerial Photograph - No changes noted.
2000	No changes noted.	The quarry was in use as a landfill site.
2006	The track running across the site was no longer shown.	The landfill site was no longer labelled.
2023	No changes noted.	No significant changes noted.

Table 2.1 Summary of Historical Map Extracts

2.2 Geology

British Geological Survey (BGS) geological mapping indicated the geology of the site to comprise superficial River Terrace Deposits (north) and Head Deposits (south) overlying the bedrock of the Lower Greensand Group. There is also the potential for limited superficial Alluvium associated with the river on the southern boundary of the site.



Alluvium is the most recent river or estuarine deposit and generally comprises silty clays usually with an appreciable organic content. Lenses of sand and gravel are also commonly found, as are pockets of peat.

The rivers of the south-east of England, including the River Thames and its tributaries, have been subject to at least three changes of level since Pleistocene times. One result has been the formation of a complex series of River Terrace Deposits. The deposits are generally found at an elevation close to or higher than that of the existing rivers, and generally comprise sands and gravels of roughly bedded flint or chert gravels varying degrees of coarseness.

Head Deposits are drifts produced by solifluxion, the downslope movement of debris outwash during the periglacial period, and characteristically comprise poorly sorted sands gravels and chalk of local derivation.

The Lower Greensand Group is mainly comprised of sands and sandstones (varying from well-sorted fine-grained to poorly sorted medium- to coarse-grained) with silts and clays in some intervals. In southern England, erosional unconformity or disconformity at base of Atherfield Clay Formation: in most of area overlies Wealden Clay Formation, elsewhere Lower Greensand Group oversteps onto Jurassic rocks. Base of Gault; specifically in the Wealden area, base of a short interval of condensed facies beds at the base of the silty clays of the Gault above the sands of the Folkestone Formation.

2.3 Hydrogeology

With reference to Envirocheck data, the aquifer designations of the various geologies beneath the site are summarised in Table 2.2.

Geology	Aquifer Designation
Alluvium	Secondary Undifferentiated
River Terrace Deposits (superficial)	Secondary A
Head Deposits (superficial)	Secondary Undifferentiated
Lower Greensand Group (bedrock)	Principal

Table 2.2 Summary of Aquifer Designations

Secondary 'A' aquifers comprise permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

Secondary (undifferentiated) aquifers are assigned where an 'A' or 'B' designation could not be attributed due to variable characteristics of the strata. This aside, Secondary aquifers comprise permeable and lower permeable layers which can be capable of supporting water supplies at a local level or may yield limited amounts of groundwater within more permeable horizons.

Principal aquifers are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.

According to information provided within the Envirocheck dataset the site was not indicated to be within a Source Protection Zone (SPZ). Furthermore, no SPZs were identified within a 1km radius of the site boundary. An SPZ is a protection zone placed around a well or borehole that supplies groundwater of potable quality.

There were no groundwater abstractions, discharge consents or pollution incidents to ground/groundwater within 250m of the site.



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The Envirocheck dataset indicated that the site was not located within an area at risk of flooding from groundwater.

2.4 Hydrology

With reference to the Envirocheck dataset, the nearest surface water feature was a stream situated to the immediate south of the site.

No surface water abstractions were recorded by the Envirocheck dataset within 250m of the site boundary.

A single pollution incident to controlled waters was recorded within a 250m radius of the site boundary, as summarised in Table 2.3.

Location / Distance	Property Type	Pollutant	Incident Date	Incident Severity
Tottington Drive, Small Dole; 19m S	Metal Industry	Oils – Other Oil	May 1998	Category 3 - Minor Incident

Table 2.3 Summary of Pollution Incidents within 250m of the Site

Five discharge consents to controlled waters were identified by the Envirocheck dataset within a 250m radius the site boundary, as summarised in Table 2.4.

Location / Distance	Property Type	Issue / Revocation Date	Discharge Type	Receiving Water
Tottington Drive, Small Dole; 6m SE	Pumping Station on Sewerage Network (Water Company)	March 2003 / August 2017	Sewage Discharges - Pumping Station - Water Company	Freshwater Stream/River
Tottington Drive, Small Dole; 6m SE	Pumping Station on Sewerage Network (Water Company)	September 2017 / Not supplied	Public Sewage: Storm Sewage Overflow	Freshwater Stream/River
Tottington Drive, Small Dole; 6m SE	Pumping Station on Sewerage Network (Water Company)	September 2017 / Not supplied	Sewage Discharges - Pumping Station - Water Company	Freshwater Stream/River
East Side of A2037 at Small Dole; 106m SE	Undefined Or Other	October 1978 / July 1991	Discharge Of Other Matter-Surface Water	Freshwater Stream/River
New Hall Lane, Small Dole; 231m NW	Domestic Property (Single) (incl Farm House)	May 1998 / Not supplied	Sewage Discharges - Final/Treated Effluent - Not Water Company	Freshwater Stream/River

Table 2.4 Summary of Discharge Consents within 250m of the Site

The site was indicated to be outside of any current indicative tidal or fluvial flood plain, or any associated flood warning area.

Small portions on the south, south-west and north of the site were indicated to be at varying degrees of risk of flooding from surface water (See Plate 1).

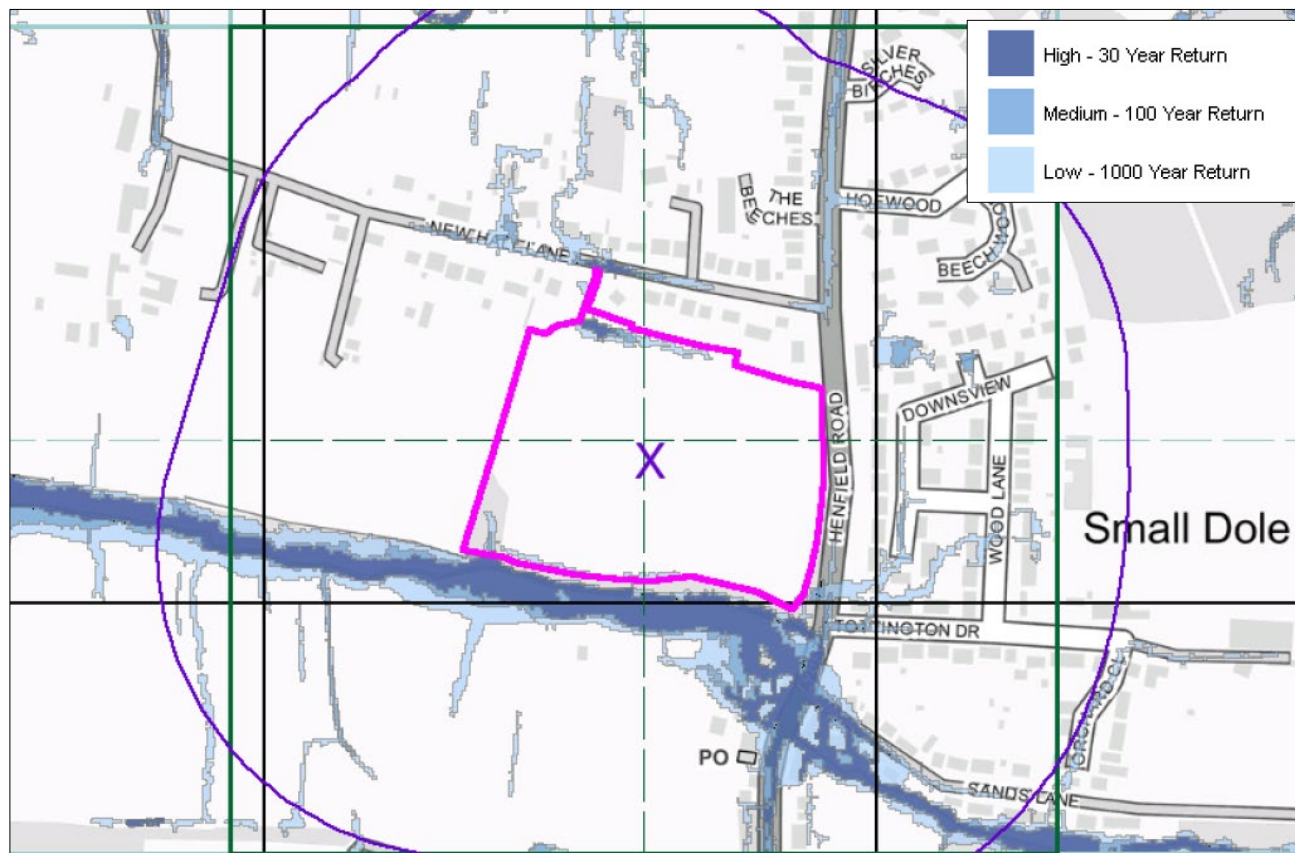


Plate 1 Risk of Flooding from Surface Water (mapping extract)

2.5 Radon

Reference has been made to the Envirocheck dataset which indicates the site to be situated in a lower probability radon area (<1% of homes are estimated to be at or above the Action Level).

The report indicates that radon protection measures are not required in the construction of new dwellings or extensions on site.

2.6 Environmental Data

Searches of other various environmental databases were made as part of the desk study, including air pollution control sites, Part IIA contaminated land, Integrated Pollution Control (IPC) and Integrated Pollution Prevention and Control (IPPC) site, registered radioactive substances, COMAH sites, explosives sites, Notification of Installations Handling Hazardous Substances (NIHHS) sites, planning permissions for sites involving hazardous substances, recent and historical industrial land uses and fuel station registers.

Three registered radioactive substances entries were identified by the desk study within a 250m radius of the site boundary, as summarised in Table 2.5. It should be noted that all three entries were from the same location.

Name	Location (Distance/Direction)	Date	Status
Vet Diagnostics Ltd	Victoria House, Small Dole (103m SE)	February 1999	Application has been authorised and any conditions apply to the operator
Vet Diagnostics	Victoria House, Small Dole	April 1999	Authorisation superseded by a substantial



Name	Location (Distance/Direction)	Date	Status
Ltd	(103m SE)		or non-substantial variation
Vet Diagnostics Ltd	Victoria House, Small Dole (103m SE)	October 2003	Application has been authorised and any conditions apply to the operator

Table 2.5 Summary of Radioactive Substances within 250m of the Site

Seven contemporary trade directory entries were identified within a 250m radius of the site boundary as summarised in Table 2.6.

Name	Location (Distance/Direction)	Classification	Status
A C T Pest Control	Tottington Drive, Small Dole (81m SE)	Pest & Vermin Control	Active
Vet Diagnostics	Victoria House, Small Dole (103m SE)	Laboratories	Inactive
Mr Ovenkleen	Downsview, Small Dole (131m E)	Oven cleaning	Inactive
Elite Property Services Ltd	Henfield Road, Small Dole (202m S)	Builders' Merchants	Inactive
Oscar Pet Foods	Henfield Road, Small Dole (230m S)	Pet Foods & Animal Feeds	Inactive
Trans 4 Mations	Henfield Road, Small Dole (241m S)	Garage Services	Inactive
Ionic Instruments Ltd	Henfield Road, Small Dole (242m S)	Precision Engineers	Inactive

Table 2.6 Summary of Contemporary Trade Directory Entries within 250m of the Site

No other such land uses or designations were identified within a 250m radius of the site boundary.

2.7 Soil Chemistry

A large portion of the UK's urban soils have naturally elevated concentrations of some potentially harmful chemicals. In some cases, these exceed Atkins' ATRISK Soils Screening Values (SSV) and/or DEFRA's Category 4 Screening Levels (C4SLs). A summary of the estimated urban soil chemistry for the area is presented in Table 2.7.

Determinand	Concentration (mg/kg)	In Excess of SSV/C4SL*?
Arsenic	<15 - 25	No
Cadmium	<1.8	No
Chromium	60 - 90	No
Lead	<100	No
Nickel	15 - 30	No

Table 2.7 Summary of Estimated Site Geochemistry

*Comparative threshold concentrations are for a residential end use with plant uptake and a soil organic matter content of 6%

It should be noted that these values are not necessarily representative of the site's soil chemistry and do not account for the site's historic use, or potential presence or condition of any Made Ground. Furthermore, screening values are dependent on pH and soil organic matter content. Therefore, concentrations of specific determinands and the utilised screening values cannot be determined without site specific investigation and analysis.

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2.8 Sensitive Land Uses

A search was made of environmentally sensitive areas, including areas of green belt, scenic or natural beauty, parks, reserves, ancient woodland, nitrate zones, protected conservation and scientific areas.

Two areas of ancient and/or semi-natural woodland were identified within a 250m radius of the site boundary, as summarised in Table 2.8.

Feature	Distance / Location
Ancient and Semi-Natural Woodland	221m SE
Ancient and Semi-Natural Woodland	228m E

Table 2.8 Summary of Ancient Woodland within 250m of the Site

In addition, a local nature reserve, Tottington Wood, was identified 221m to the south-east of the site boundary, and a National Park, South Downs, was identified 220m to the east of the site.

No other such land uses or designations were identified by the Envirocheck dataset within a 250m radius of the site boundary.

2.9 Geotechnical Data

The site was shown to be in an area that might not be affected by coal mining.

National databases for several different geological hazards have been compiled by the BGS, and a summary of the hazard data pertaining to the site itself is presented in Table 2.9.

Hazard	Designation
Non-coal mining	Rare
Collapsible ground	Very Low
Compressible ground	Moderate
Ground dissolution	No hazard
Landslide	Very Low
Running sand	Low
Shrinking and Swelling clay	Very Low

Table 2.9 Summary of BGS Geological Hazards

With reference to the Envirocheck dataset, no BGS Mineral Sites, areas of mining instability, man-made mining cavities or natural cavities were identified within 250m of the site boundary.

2.10 Landfill and Waste Management Facilities

A search of BGS recorded landfill sites, IPC registered waste sites, licensed waste management facilities, local authority recorded landfill sites, other registered landfill sites, potentially infilled land (water and non-water), waste transfer stations, and other waste treatment or disposal sites was undertaken as part of the desk study. Such sites may form an artificial source of ground gases, such as carbon dioxide and methane, where wastes are buried or disposed of to landfill.

No such land uses or designations were identified by the Envirocheck dataset within a 250m radius of the site boundary.

2.11 Asbestos

Given the undeveloped nature of the site, the presence of asbestos on site is unlikely. Given the potential for windblown asbestos fibres from localised construction and demolition works, asbestos identification should be included within the suite of testing of contaminants on site. The absence of asbestos in soil samples analysed is not a guarantee of the absence of asbestos elsewhere on a site.

2.12 Previous Ground Investigations

A Phase 1 Desk Study was undertaken for the site in January 2015 (ref: 27000-064 R01 (00)) identifying the overall risk to the site as 'Low' and recommended an intrusive investigation with ground gas and water monitoring.

2.13 Unexploded Ordnance (UXO)

As part of the Desk Study process, a Preliminary UXO Risk Assessment was undertaken for the site using Zetica UXO Risk Maps.

The Zetica UXO risk mapping indicated the site was in a lower risk area for UXO.

For further details reference should be made to the Zetica UXO mapping in Appendix A.

2.14 Potential Contamination

The site comprised agricultural land from the earliest map extracts of 1875. The site was still in use as agricultural land at the time of the site walkover and intrusive investigation in 2023.

The surrounding land was generally undeveloped agricultural land and woodland prior to significant residential development from circa 1958.

The above land uses are not covered by the National House Building Council (NHBC), Environment Agency (EA) and Chartered Institute of Environmental Health (CIEH) publication 'Guidance for the Safe Development of Housing on Land Affected by Contamination' (2008), which provides a summary of industrial profiles (1995-1996) published by the former Department of the Environment (DoE) (now part of the Department for Environment, Food and Rural Affairs (DEFRA)).

This aside, the near surface soils on site may have been impacted by pesticides, heavy metals, organic pollutants such as polyromantic hydrocarbons (PAH), petroleum hydrocarbons/oils and inorganic compounds through aerial deposition and/or direct placement.

2.15 Ground Gas and Vapour Summary

The desk study has not identified any potential viable sources of ground gases or vapours on the site or within 250m of the site boundary.



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3.0 PRELIMINARY ASSESSMENT

Based on the findings of the desk study, the following sections summarise the anticipated geotechnical and environmental factors likely to impact the site.

3.1 Geotechnical Risk Assessment

3.1.1 Potential Geotechnical Hazards

Hazards identified as being potentially present on site could have implications for foundation design and construction. A summary of commonly occurring geotechnical hazards is given in Table 3.1. The following potential geotechnical hazards would all require confirmation by intrusive investigation.

Geotechnical Hazard	Probability	Justification/Engineering Implications
Lateral changes in ground conditions	Likely	It is considered likely that the varying geologies (River Terrace Deposits, Head Deposits and Lower Greensand Group) will vary laterally across the site and affect foundation design, construction and zoning.
Shrinkable soils	Low	It is possible that limited horizons of the superficial Alluvium, River Terrace Deposits and Head Deposits will be shrinkable, which may affect foundation design and construction depending on their depth.
Significant depths of Made Ground	Unlikely	The site has undergone no development, as such significant thicknesses of Made Ground are unlikely.
Aggressive chemical ground conditions (sulphates)	Low	The possible presence of naturally occurring aggressive chemical ground conditions which may affect foundation design and construction.
Compressible soils / Soils with low bearing pressures	Low	It is considered likely that any potential alluvial deposits associated with the river on the southern boundary of the site would comprise potentially compressible soils with a low bearing capacity. This would only impact on foundation design should it be encountered.
Suitability of Soakaways	Likely	The underlying bedrock geology (Lower Greensand Group) is anticipated to be granular and therefore suitable for soakaways. However, there is the potential for limited soakaway storage capacity due to high groundwater.
Shallow Groundwater	Likely	The superficial and bedrock geologies all have aquifer designations and a stream is present on the southern boundary of the site, as such the presence of shallow groundwater beneath the site is considered to be likely.

Table 3.1 Potential Geotechnical Hazards

3.2 Preliminary Environmental Conceptual Site Model & Risk Assessment

3.2.1 Methodology

A Preliminary Risk Assessment ('PRA') has been prepared in accordance with Land Contamination Risk Management (LCRM) based on information obtained as part of the desk study. Possible risks associated with potential sources of contamination and sensitive receptors identified have been qualitatively assessed following a source-pathway-receptor ('Pollutant Linkage') approach in accordance with current UK protocols.



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A risk of harm may only exist where a plausible pollutant linkage is present, and where the quantity or concentration of a contaminant is sufficient so as to pose harm. Under the statutory definition, “Contamination” may only strictly exist where contaminants pose a risk of harm to a receptor. The risk classification has been assessed in accordance with CIRIA C552 (Rudland et al., 2001). A summary of how the risks are derived and their definitions is presented in Tables 3.2 and 3.3.

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very high risk	High risk	Moderate risk	Moderate/low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low Likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Table 3.2 Risk Ratings Matrix

Risk Rating	Definitions
Very high risk	<p>There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.</p> <p>This risk, if realised, is likely to result in a substantial liability.</p> <p>Urgent investigation (if not already undertaken) and remediation are likely to be required.</p>
High risk	<p>Harm is likely to arise to a designated receptor from an identified hazard</p> <p>Realisation of the risk is likely to present a substantial liability.</p> <p>Urgent investigation (if not already undertaken) is required and remediation works may be necessary in the short term and are likely over the longer term.</p>
Moderate risk	<p>It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.</p>
Moderate to low risk	<p>It is possible that harm could arise to a designated receptor from an identified hazard. However, it is unlikely that any such harm would be severe, or if any harm were to occur it is probable that the harm would be relatively mild.</p>
Low risk	<p>It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.</p>
Very low risk	<p>There is low possibility that harm could arise to a receptor. In the event of such harm being realised it is likely to be minor.</p>

Table 3.3 Risk Rating Definitions

3.2.2 Summary of Plausible Sources

Possible sources of contamination identified from the desk study are summarised in Table 3.4.

Source	Description	Contaminants
Made Ground and shallow natural soils	General background chemical quality of the near surface soils in the context of the former and current uses of the site.	Possible elevated metals, organic and inorganic contaminants, including asbestos and pesticides.

**Table 3.4 Possible Sources of Contamination****3.2.3 Summary of Plausible Pathways**

The plausible pathways are summarised in Table 3.5. These pathways are based on the proposed end use (residential with private gardens and soft landscaping).

Pathway	Description
Direct Contact	Ingestion of soil particles, inhalation of soil derived dust (including tracked back dust), dermal contact. Bioaccumulation and home grown produce consumption.
Inhalation	Inhalation of soil dust and vapour both inside and outside of buildings
Vertical & Lateral Migration	Contaminant movement both vertically through leaching/gravity and horizontally along preferential pathways, e.g. services trenches or fissures/cracks
Chemical Attack	Attack of buried plastics and concrete by aggressive ground conditions
Root Uptake	Root uptake of potentially phytotoxic contaminants

Table 3.5 Possible Contamination Pathways**3.2.4 Summary of Plausible Receptors**

Plausible receptors associated with the site and its redevelopment, identified or otherwise discounted, are summarised in Table 3.6.

Receptor	Description	Comments	Plausible
End Users	Occupants of the proposed development.	The proposed residential development includes a private gardens and soft landscaping.	Yes
Adjacent Land Users	Sensitive land uses identified within the immediate vicinity.	Adjacent land users are generally commensurate with the proposed residential development.	Yes
Soft Landscaping	Areas of planting including lawns, shrubs, trees, etc.	Gardens, areas of soft landscaping, amenity space and woodland are proposed as part of the development.	Yes
Water Supply Pipes	Plastics for potable water supply pipes may be laid in contact with contaminated soils	Chemical degradation of the near surface soils may have taken place and limited Made Ground may be present on the site.	Yes
Buildings & Infrastructure	Buried concrete for foundations, etc. may be laid in contact with contaminated / aggressive soils	Foundations are likely to be constructed through Made Ground/near surface soils and into natural strata. Aggressive conditions may be present.	Yes
Surface Water	Controlled waters within lakes, rivers, ponds, etc., or coastal waters	A stream is present on the southern boundary of the site.	Yes
Groundwater	Controlled waters within the aquifer(s) beneath the site	The site overlies Secondary A, Secondary Undifferentiated and Principal aquifers. The site is not situated within a Source Protection Zone (SPZ).	Yes

Table 3.6 Possible Receptors of Contamination



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Site workers involved in the preparation and construction of the development have not been considered further in this assessment as the Principal Contractor is duty bound under the current CDM Regulations to undertake their own risk assessments with respect to their employees.

Whilst the above sources and receptors have been identified, Table 3.7 summarises the identified plausible pollution linkages and a qualitative assessment of the risks based on the desk study research.



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Potential Source/Media	Potential Receptors	Potential Pathways	Probability	Consequence	Risk and Justification
Shallow soils and shallow Made Ground	End users	Direct contact; Inhalation	Likely	Mild	Moderate / Low End users are likely to come into contact with soils via direct contact in gardens and areas of soft landscaping on the proposed residential development. Sampling and testing required to further assess the risk.
	Adjacent land users	Direct contact; Inhalation	Low	Mild	Very Low It is considered a low probability that adjacent land users will come into contact with soils on the subject site. Sampling and testing required to further assess the risk.
	Soft Landscaping	Root uptake	Likely	Minor	Low The proposed development will include areas of soft landscaping including private gardens, amenity space, woodland and orchards.
	Water supply pipes	Chemical attack	Likely	Mild	Moderate / Low Water supply pipes may come into contact with soils, though significant contamination is not anticipated. Sampling and testing required to further assess the risk.
	Buildings and infrastructure	Chemical attack	Likely	Minor	Low Foundations will be placed within potentially aggressive soils (e.g. sulphate). Sampling and testing required to further assess the risk.
	Surface Water	Vertical migration	Likely	Minor	Low Whilst a surface water feature is present on the site's southern boundary, significant contamination of soils and/or surface water is not anticipated. Sampling and testing required to further assess the risk.
	Groundwater	Vertical migration; lateral migration	Likely	Mild	Moderate / Low Groundwater will be present beneath the site. However, significant contamination of soils and/or groundwater is not anticipated. Sampling and testing required to further assess the risk.

Table 3.7 Plausible Pollutant Linkages & Qualitative Risk Assessment



3.3 Preliminary Environmental Risk Assessment Summary

The PRA and CSM developed from the information gathered as part of the desk study process have identified several plausible pollutant linkages that exist in relation to the proposed redevelopment of the site. However, the preliminary risk rating for each linkage has been classified as very low, low or moderate / low.

The potential pollutant linkages established within this desk study are not considered to prevent development on the subject site but could require investigation and assessment to support further characterisation, calibration of the CSM and where/if necessary, determine a remedial strategy to reduce, remove or otherwise control any risk within the site to key receptors.

In order to progress this assessment in line with the National Planning Policy Framework, to provide further characterisation of the site and refinement of the PRA and CSM, it is recommended that intrusive investigation and associated testing is undertaken to confirm the findings of the desk study and to provide a robust risk assessment for the site and proposed redevelopment.

3.4 Preliminary Geotechnical Risk Assessment Summary

The site is anticipated to be underlain by superficial River Terrace Deposits, Head Deposits and Alluvium (potentially), overlying the bedrock of the Lower Greensand Group. Given the site's development history the presence of significant depths of Made Ground are unlikely.

Conventional foundations (for a low-rise development) may be suitable on the site depending on depth of any encountered Made Ground, competence of the underlying strata and depth of groundwater.

Groundwater may be shallow on site, which may cause instability of foundation excavations. Dewatering of excavations may be required.

Soakaways may be suitable on site. However, their storage capacity may be limited by groundwater depth.

3.5 Scope of Works

In summary, the following scope of works for the intrusive investigation was agreed with the Client.

- The construction of up to six dynamic sampler boreholes (ref: WS01 to WS06) up to a depth of 4.0m below ground level (bgl) with regular sampling and in situ testing as appropriate to the conditions encountered.
- The installation of dual-purpose ground gas and groundwater monitoring standpipes within the dynamic sampler boreholes (ref: WS01 and WS06) to the maximum depth of the borehole.
- The construction of up to seven machine excavated trial pits up to a depth of 3.0m below ground level (bgl) with regular sampling and in situ testing as appropriate to the conditions encountered.
- Undertake trial pit soakage tests at six locations in general accordance with BRE Digest 365. BRE Digest 365 requires three consecutive filling and drainage cycles to be completed. Based on the anticipated ground conditions two days were allowed for the tests.
- Return groundwater depth monitoring from installed wells on twelve occasions at fortnightly intervals between November 2023 and April 2024. Confirmatory ground gas monitoring would also be undertaken at the same time during the first six visits.
- Laboratory based testing of soils for environmental and geotechnical parameters.



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3.6 Investigation Strategy

The positioning of exploratory holes was determined to provide general coverage of the site, with the majority of locations positioned in the area of proposed residential development. Tables 3.8 and 3.9 summarise the strategy of the environmental and geotechnical investigations.

Environmental Area of Concern	Investigation	Positions
General background chemical quality of the near surface soils	Dynamic sampler boreholes and trial pits located across the site, coupled with sampling and laboratory analysis	All

Table 3.8 Summary of Environmental Investigation Strategy

Geotechnical Area of Concern	Investigation	Positions
Lateral changes in ground conditions	Dynamic sampler boreholes and trial pits located across the site, coupled with sampling and laboratory analysis	All
Shrinkable soils	Dynamic sampler boreholes and trial pits located across the site, coupled with sampling and laboratory analysis	All
Significant depths of Made Ground	Dynamic sampler boreholes and trial pits located across the site.	All
Aggressive chemical ground conditions (sulphates)	Laboratory analysis of samples obtained from dynamic sampler boreholes and trial pits from across the site	All
Compressible soils / Soils with low bearing pressures	Dynamic sampler boreholes and trial pits located across the southern portion of the site.	WS01 to WS03, TP01, TP02 & TP06
Suitability of Soakaways	Soakage testing within machine excavated trial pits.	TP01 to TP06
Shallow Groundwater	Observations within dynamic sampler boreholes and trial pits located across the site, and monitoring wells installed for return monitoring	All (monitoring wells in WS01 to WS06)

Table 3.9 Summary of Geotechnical Investigation Strategy



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4.0 ENCOUNTERED CONDITIONS

A factual record of the conditions encountered during the physical investigation of the site is presented in the following sections.

For further details of the encountered ground conditions, reference should be made to the exploratory hole logs presented in Appendix B, the ground gas and groundwater monitoring data in Appendix C, the geotechnical testing results in Appendix D, and the chemical testing results in Appendix E.

The physical ground investigation works were undertaken on 9th and 10th November 2023. An intrusive location plan is included in Figure 3. Both geotechnical and contamination testing was undertaken by UKAS accredited laboratories.

Unless stated otherwise, all depths are reported as metres below ground level (m bgl).

4.1 Soils

The investigation encountered the anticipated geology of the Lower Greensand Group beneath variable thicknesses of Topsoil and Made Ground. No superficial deposits were encountered in the intrusive positions. A generalised summary of the encountered conditions within the intrusive positions is presented in Table 4.1.

Top (m bgl)	Base (m bgl)	Geology	Position
0.00	0.25 - 0.65	Topsoil: Dark brown, grey and dark greyish brown sandy silty clay and silty sandy clay with frequent rootlets, occasional flint gravel and rare flint cobbles and glass (WS03 only).	All
0.25 - 0.30	0.50 - 0.60	Made Ground: Reworked greenish brown and brown silty sandy clay with rare fine flint and rootlets.	WS03 & WS04
0.25 - 0.65	>4.00	Lower Greensand Group: Brown, reddish brown, orangish brown, greyish brown, light yellowish brown, grey, light grey, and dark greenish grey gravelly silty clayey SAND, clayey silty SAND, sandy SILT, very weak to weak SANDSTONE with occasional clay lenses and pockets, and firm to stiff silty sandy CLAY and gravelly silty sandy CLAY with frequent siltstone and sandstone inclusions and lenses, and occasional roots and rootlets. Gravel comprises sub-angular to sub-rounded flint, siltstone and sandstone, and occasional siltstone and sandstone cobbles.	All

Table 4.1 Summary of Ground Conditions

For further details of the ground conditions encountered, reference should be made to the borehole logs and section drawings presented in Appendix B.

Beneath any Topsoil and Made Ground, rootlets and roots were observed to varying depths within several of the intrusive positions undertaken on site. The observed depths of these roots and rootlets are summarised in Table 4.2.

Position	Roots/Rootlets	Maximum Observed Depth (m bgl)
TP01	Occasional rootlets	1.75
TP02	Occasional rootlets	1.30
TP03	Occasional rootlets	1.40



Position	Roots/Rootlets	Maximum Observed Depth (m bgl)
TP04	Occasional rootlets	0.70
TP05	Occasional rootlets	1.40
	Rare rootlets	2.30
TP06	Occasional rootlets	1.90
TP07	Frequent rootlets	2.20
WS01	Occasional rootlets and decaying rootlets	0.70
WS02	Rare roots (1mm)	0.80

Table 4.2 Summary of Observed Roots and Rootlets

4.2 Groundwater

Water was encountered within several of the investigative positions during the intrusive works on site, as summarised in Table 4.3.

Position	Depth of Strike/Seepage (m bgl)	Depth after x minutes (m bgl)	Comments
TP01	0.00	-	Seepage (surface water)
TP01	1.80	-	Seepage
TP01	2.10	2.05 (7 minutes)	Potential groundwater
TP02	0.20	-	Seepage (surface water)
TP02	1.30	-	Seepage
TP02	1.70	-	Seepage
TP02	2.00	1.90 (6 minutes)	Potential groundwater
TP03	2.65	2.62 (7 minutes)	Potential groundwater
TP06	2.50	2.48 (5 minutes)	Potential groundwater
WS02	0.00	-	Seepage (surface water)
WS03	3.00	-	Seepage

Table 4.3 Summary of Recorded Water Depths (m bgl) during Physical Site Investigation

Dual purpose groundwater and ground gas monitoring wells were installed within all six dynamic sampler boreholes (ref. WS01 to WS06), depths and construction of the wells are summarised in Table 4.4.

Position	Pipe Diameter (mm)	Response Zone (m bgl)	Base of Pipe (m bgl/m OD)
WS01	35	1.00 – 2.00	2.00 / 8.13
WS02	35	1.00 – 2.50	2.50 / 7.44
WS03	35	1.00 – 4.00	4.00 / 7.06
WS04	35	1.00 – 4.00	4.00 / 11.65
WS05	35	1.00 – 2.50	2.50 / 12.36
WS06	35	1.00 – 4.00	4.00 / 11.20

Table 4.4 Summary of Installed Monitoring Wells

At the time of preparing this report only three of the twelve winter groundwater monitoring visits had been completed. The results of the visits undertaken to date are summarised in Table 4.5.

Position Reference	Groundwater Depth (m bgl/m OD)		
	17/11/2023	24/11/2023	13/12/2023
WS01	0.90 / 9.23	0.65 / 9.48	0.39/9.74
WS02	0.56 / 9.38	0.11 / 9.83	0.10/9.84



WS03	0.78 / 10.28	0.83 / 10.23	0.33/10.73
WS04	Dry at 4.06 / Dry at 11.59	Dry at 4.06 / Dry at 11.59	3.82/11.83
WS05	0.97 / 13.89	2.37 / 12.49	Dry at 2.50/Dry at 12.36
WS06	1.25 / 13.95	1.33 / 13.87	1.18/14.02

Table 4.5 Summary of Recorded Water Depths (m bgl) within the Monitoring Wells

Changes in groundwater and perched water levels do occur for a number of reasons including seasonal effects and variations in drainage. Such fluctuations may only be recorded by the measurement of the groundwater level within a series of standpipes or piezometers installed within appropriate response zones.

4.3 Ground Gases & Vapours

Dual purpose ground gas and groundwater monitoring wells were installed to depths of between 2.0m and 4.0m bgl within WS01 to WS06. These positions were monitored for methane, carbon dioxide, oxygen and volatile organic compounds (VOC) on three occasions between November and December 2023.

During the monitoring visits, negligible methane concentrations up to 0.1% v/v were recorded. Carbon dioxide and oxygen were present in the range 0.0% v/v to 3.0% v/v and 12.5% to 21.6% v/v, respectively. Negligible volatile organic compounds (VOC) were recorded at concentrations ranging between 0.0ppm and 0.2ppm. No positive borehole flow rates were recorded during the monitoring visits. Atmospheric pressures of between 1004mb and 1022mb were recorded during the visits to date.

Where the groundwater level was higher than the response zone of the installed well, the gas results have been discounted as they are unlikely to be representative.

Due to shallow groundwater conditions, gas monitoring could only be undertaken on locations WS01 to WS03 during the third visits. A further three ground gas monitoring visits were outstanding at the time of preparing this report.

4.4 Obstructions

Artificial obstructions were not encountered during the intrusive investigation.

However, natural obstructions in the form of dense sand, siltstone and sandstone were encountered within the majority of intrusive positions at varying depths of between 2.05m bgl and 2.90m bgl.

It should be noted that siltstone and sandstone horizons of varying thicknesses may be encountered at varying depths within the Lower Greensand Formation.

4.5 Geotechnical Testing

The results of geotechnical testing undertaken as part of the ground investigation are summarised in Table 4.6, with test results presented in Appendix D.

Parameter	Lower Greensand Formation
Moisture content (%)	18 - 34
Plasticity Index (%)	15 - 30
Modified Plasticity Index (%)	10 - 29
Volume Change Potential (NHBC)	Low to Medium
Very Coarse (%)	0.00



Parameter		Lower Greensand Formation
Particle Size Distribution	Gravel (%)	6.20 - 51.77
	Sand (%)	32.77 - 57.45
	Silt & Clay (%)	14.73 - 38.07
pH		6.8 - 7.2
Water soluble sulphate (mg/l)		<20 - 40

NOTE: Modified plasticity index is defined in NHBC Standards Chapter 4.2

Table 4.6 Summary of Geotechnical Laboratory Test Results

4.6 Geochemical Analysis

In order to assess the general chemical quality of the strata encountered, samples of soils recovered from the exploratory holes were submitted for analysis for a range of potential contaminants selected on the basis of the findings of the desk study and supported by the joint National House Building Council (NHBC), Environment Agency (EA) and Chartered Institute of Environmental Health (CIEH) publication, *'Guidance for the Safe Development of Housing on Land Affected by Contamination'* (2008).

Soil samples were placed into plastic containers for general inorganic analysis and into amber jars for organic analysis. Samples were stored in temperature controlled conditions from sampling until receipt at the laboratory from which time sample preparation and storage was determined by testing requirements and in line with the laboratory's protocols.

Ten soil samples from across the site were submitted for analysis for an analytical suite based upon determinands listed within the above guidance including speciated petroleum hydrocarbon analysis and asbestos screens.

Three soils samples from across the site were also submitted for a suite of organochlorine (OCL) pesticides.

Furthermore, samples of both the encountered Topsoil and Made Ground were submitted for waste classification analysis and waste acceptance criteria (WAC) analysis to aid in the designation of arisings for waste disposal.

In addition to the above, a single sample of groundwater from one of the monitoring wells installed on site was submitted for analysis for an analytical suite similar to that undertaken on the soils.

For further details reference should be made to the laboratory results in Appendix E.



5.0 ENGINEERING CONSIDERATIONS

Subsequent to intrusive investigation of the site and receipt of the laboratory test results, the following geotechnical assessments have been made.

5.1 Foundations

Based on the ground and groundwater conditions encountered in the intrusive positions, conventional shallow foundations may be considered for the site.

It is recommended that the NHBC Standards, Chapter 4.2 be adopted for the classification of volume change potential and the design foundation depth. On the basis of the results of the Atterberg Limit tests in conjunction with the ground conditions in the intrusive positions it is considered that the cohesive strata of the Lower Greensand Group up to 1.5m bgl be classified as medium volume change potential, requiring a minimum foundation depth of 0.90m, remote from trees. At depths greater than 1.5m bgl, the strata can be classified as low volume change potential. The sandstone may be considered non shrinkable. Foundations within shrinkable soils within the zone of moisture demand of existing, proposed or recently removed trees will require deepening. Where calculated foundation depths exceed 1.50m on account of trees, heave protection measures may be required.

A net allowable bearing pressure of 125kPa is considered suitable for traditional trench foundations up to 1.50m in width taken down through any disturbed, desiccated or soft materials to bear upon the firm to stiff clays and silts of the Lower Greensand Group. Furthermore, foundations which span the clay, silt, siltstone and sandstone horizons of the Lower Greensand Group should be nominally reinforced to account for differential settlement.

It is recommended that ground floor slabs be suspended due to the presence of shrinkable soils and the void heights should be derived in accordance with the NHBC Standards, Chapter 4.2 based on medium volume change potential soils.

5.2 Excavations

Shallow excavations within any Made Ground should remain relatively stable in the short term. However, any longer deeper excavations within any deeper zones of Made Ground are likely to be unstable and require battering to a safe angle or temporary support.

Shallow excavations above the water table within the Lower Greensand Group are likely to remain stable in the short to medium term. Deeper excavations within the Lower Greensand Group may be subject to instability particularly where taken below the groundwater table and would require some form of temporary support, battering back to a safe angle and groundwater control.

Clays of the Lower Greensand Group will soften rapidly when exposed to water, as such, any foundation trenches should be concreted immediately. In addition, localised spalling and/or collapse may occur where foundation trenches intercept lenses of perched water and/or groundwater. Dewatering of trenches would be required in such circumstances.

Ground works should be designed in such a manner to avoid personnel entry into unsupported excavations. Where this cannot be avoided, such entry should only be into supported excavations in accordance with a safe system of work and relevant legislation, e.g. Confined Spaces Regulations.



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5.3 Soakaways

Soakage testing in accordance with BRE365 was attempted within five of the seven machine excavated trial pits. The results of the testing are summarised in Table 5.1.

Position	Infiltration (m/s) Run 1	Infiltration (m/s) Run 2	Infiltration (m/s) Run 3	Comments
TP01	-	-	-	Pit filled with water (surface water and seepages) - no soakage testing undertaken.
TP02	-	-	-	Soakage test attempted - Pit filled with water (surface water and seepages) over night.
TP03	6.0×10^{-7}	-	-	Insufficient drop in head to run multiple tests in pit. Data from first test extrapolated to obtain infiltration result.
TP04	1.5×10^{-6}	2.3×10^{-6}	-	Insufficient drop in head to run third test in pit. Data from both tests extrapolated to obtain infiltration results.
TP05	3.2×10^{-6}	5.6×10^{-6}	-	Insufficient drop in head to run third test in pit. Data from second test extrapolated to obtain infiltration result.
TP06	-	-	-	Insufficient drop in head to calculate infiltration rate (water rose during first test).
TP07	-	-	-	Insufficient drop in head to calculate infiltration rate (water rose during first test).

Table 5.1 Summary of Infiltration Rates

Based on the results of the soakage testing, it is considered that traditional soakaways may perform satisfactorily on some higher, isolated parts of the site. However, the storage capacity of these soakaways may be limited due to groundwater depth and potential water seepages.

5.4 Sub-Surface Concrete

The results of the water-soluble sulphate and pH analyses undertaken on samples of the Lower Greensand Group indicate that buried concrete should be designed in accordance with Class DS-1 of BRE Special Digest 1, with an ACEC class of AC-1.

The advice of this publication should be taken for the design and specification of all sub surface concrete.

5.5 Pavements

Mexicone tests (equivalent to CBR) were undertaken adjacent to locations in the southeastern corner of the site (WS02 to WS04 & TPT03 to TP06). A summary of results from the mexicone are presented in Table 5.2.

Location	CBR value (%)									
	0.0 – 0.075m	0.075 – 0.15m	0.15 – 0.225m	0.225 – 0.30m	0.30 – 0.375m	0.375 – 0.45m	0.45 - 0.525m	0.525 – 0.60m	0.600 – 0.675m	0.675 - 0.75m
TP03	0.2	1	1	2	6	3.5	3.5	3	3	3
TP04	1	1	3	3	4	12	Refusal			
TP05	1	1.5	2	2.5	3	2.5	3	4	4	3
TP06	1	1	1.5	2	3.5	2	6	Refusal		

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WS02	0.5	1	1.5	3	6	4	6	3	3	3
WS03	1	2	2	1.5	2	2.5	3	3	4.5	4
WS04	1.5	1.5	2	2.5	4	4	11	Refusal		

Table 5.2 Summary of Mexicone Results**Made Ground**

Made Ground of varying composition was encountered in isolated parts of the site. The engineering characteristics of such soils are variable and unpredictable and the CBR value of Made Ground does not predict the overall settlements that may occur in such materials. Due to the variability of the Made Ground it would be prudent to assume the material to be deemed frost susceptible throughout thus a minimum pavement thickness of 450mm would be appropriate.

Lower Greensand Group

With reference to TRL LR1132, CBR values of 3% is recommended for pavements constructed upon silty clays with modified plasticity indices of between 10 and 29, such as those of the clays of the Lower Greensand Group based on a high water table (<600mm bgl) and average construction conditions.

Based on the laboratory and in-situ test results, a CBR value of 3% is recommended for pavements constructed upon the Lower Greensand Group across the site. Based on the results of the laboratory analysis, the Lower Greensand Group should be deemed frost susceptible throughout thus a minimum pavement thickness of 450mm would be appropriate.

Any hard or soft spots in the formation level such as old foundations may induce reflective cracking in the pavement and allowance should be made for removing any slabs or other hard spots etc that may be present.

Furthermore, the sub-grade should be carefully proof rolled and any soft or loose zones replaced with compacted granular engineering fill.



6.0 ENVIRONMENTAL CONSIDERATIONS

A Generic Quantitative Risk Assessment (GQRA) incorporating the results of the desk study and ground investigation was undertaken, the findings of which are presented in the following sections.

6.1 Outline Risk Assessment

A number of plausible pollutant linkages were identified as part of the desk study. The investigation did not encounter conditions that warranted a revision of the Preliminary Risk Assessment.

6.2 Soil Contamination vs. End Users

Given the sensitivity of the proposed development, soil samples were submitted to a UKAS accredited laboratory for general chemical screening including common zootoxic and phytotoxic elements, speciated petroleum hydrocarbons, OCL pesticides and asbestos screening.

The presence of a possible contaminant does not necessarily imply that a site or area is contaminated or that there is any unacceptable risk to human health. A Preliminary Quantitative Risk Assessment has been undertaken in accordance with Land Contamination Risk Management (LCRM), in order to evaluate any unacceptable risks posed to human health with respect to the proposed redevelopment. It should be noted that this assessment is protective of the chronic long-term effects of contaminants, which is also likely to be protective of any possible immediate acute effects.

A quantitative risk assessment has been undertaken by comparing the results of the laboratory chemical testing of shallow soils against Soil Screening Values (SSV) generated using the Contaminated Land Exposure Assessment (CLEA) model v1.07 published by Atkins, or against the Category 4 Screening Levels (C4SLs) published by DEFRA. Although the C4SLs were released for Part 2A use, the associated policy companion document for the C4SLs indicated that they may also be used for planning. Although the C4SLs represent a marginally higher risk level than the SSACs (low risk rather than minimal risk) it is considered that the risk levels remain very low. Therefore, the final C4SLs are considered to be suitable to assess soils under the planning regime.

Not all OCL pesticides are covered by the above screening values. In lieu of UK standards, the Regional Screening Levels (RSLs) from the US EPA have been used. No exceedances of OCL pesticides were identified.

In the first instance, the laboratory results were compared individually against thresholds for a residential end use with plant uptake i.e. consumption of home grown produce. The results were all either below the laboratory detection limits or the relevant thresholds.

Furthermore, all samples submitted for asbestos screens were returned with no asbestos fibres identified.

As such, remedial measures to protect future end users of the proposed development from soils on site are not considered necessary.

6.3 Soil Contamination vs. Adjacent Land Users

Surrounding land uses were identified to generally comprise land uses commensurate with the proposed development, i.e. residential. Significant concentrations of potentially harmful mobile contaminants were not identified as part of the laboratory analysis.

Therefore, no specific remedial action is considered necessary to protect adjacent land users from soils on site.



This aside, it is recommended that dust suppression techniques, e.g. damping down exposed soils, are employed during the demolition and construction phases on site in order to minimise the potential for airborne migration of specific hazards and to manage potential nuisance issues for adjacent land users.

6.4 Soil Contamination vs. Soft Landscaping

British Standard BS3882:2015 *Specification for topsoil and requirements for use* provides assessment criteria for a number of potentially phytotoxic contaminants in terms of new planting.

The results of the chemical analysis for determinants known to pose a potential phytotoxic risk to plant growth are summarised in Table 6.1, together with the respective adopted Generic Assessment Criteria (GAC) for plant growth. The compliance criteria set out in BS3882:2015 are pH dependent and thus the GAC used relate to the pH range measured on samples recovered from the site.

Determinand	Phytotoxicity GAC (mg/kg)			GAC Exceedances
	pH <6.0	pH 6.0-7.0	pH >7.0	
Zinc	200	200	300	No
Copper	100	135	200	No
Nickel	60	75	110	No

Table 6.1 Summary of Plant Phytotoxicity Assessment

The phytotoxicity assessment did not identify any exceedances of the relevant thresholds. As such, remedial measures to protect proposed and present soft landscaping from soils on site are not considered necessary.

6.5 Soil Contamination vs. Built Environment

Recommendations with respect to pH and sulphate in relation to buried concrete are made in Section 5.4.

The current guidance on the selection of materials for water supply pipes to be laid in contaminated land is contained in UK Water Industry Research's (UKWIR) report reference 10/WM/03/21 (re-issued 2010). However, the guidance is not mandatory and there has been concerns raised by various industry technical associations regarding the document and the methodologies proposed.

Although there are concerns regarding the document, in lieu of any further guidance in the first instance the results of this investigation have been compared with the proposed thresholds published in UKWIR Table 3.1. No such exceedances were identified within the encountered Made Ground or Lower Greensand Group. Given that water supply pipes would be installed at depth (>0.65m bgl) within clean, natural soils of the Lower Greensand Group, barrier pipe would not be considered necessary for potable water supply pipes on site.

As a matter of good practice and to maximise the protection to maintenance workers, it is recommended that clean, granular backfill is used in service runs and that marker tapes are used for all buried services.

6.6 Soil Contamination vs. Surface Water

The nearest surface water feature was a stream situated to the immediate south of the site. Based on the development history of the site and the surrounding area, the preliminary risk to surface water from soil contamination on site was considered to be low.



Given that significant concentrations of potentially mobile contamination were not encountered within the soils beneath the site, the risk to the surface water feature is considered to be negligible. As such, no remedial measures are considered necessary to protect surface water from soils on the subject site.

6.7 Soil Contamination vs. Groundwater

No superficial deposits were encountered on site during the intrusive investigation works. The bedrock geology beneath the site was classified as a Principal Aquifer. However, the site was situated outside of any Source Protection Zone (SPZ), and no SPZs were identified within a 1km radius of the site boundary.

The results of the chemical analysis undertaken on a sample of water obtained from the standpipe installed within WS03 were compared individually against Groundwater Threshold Values (Drinking Water) published in the 'The Water Framework Directive (Standards and Classification) Directions (England and Wales)' (2015).

The results indicated elevated concentrations of individual polycyclic aromatic hydrocarbons (PAHs) for naphthalene (0.67µg/l when compared against the threshold of 0.075µg/l) and benzo(a)pyrene (0.03µg/l when compared against the threshold of 0.0075µg/l). Furthermore, the concentration of total petroleum hydrocarbons (TPH) within the sample was recorded at 325µg/l which is significantly higher than the revoked Drinking Water Standard of 10µg/l, and marginally above the World Health Organisation threshold of 300µg/l.

It should be noted that these thresholds are considered highly conservative as they are drinking water standards with the compliance point taken as the consumer's tap i.e. after water treatment. Furthermore, there are no Source Protection Zones within a 1km radius of the site; nor are there any water abstraction points within 900m of the site boundary.

In addition, no sources of potential groundwater (or soil) contamination were identified on site or in the immediate surrounding area as part of the desk study, and significant concentrations of potentially mobile contamination were not encountered within the soils beneath the site as part of the investigation.

Therefore, it is considered that the determinand concentrations encountered within the sample obtained from site are representative of the local background groundwater chemical quality.

As such, measures to remediate the groundwater beneath the site are not considered necessary.

6.8 Ground Gases & Vapours

The desk study did not identify any potential sources of ground gases or vapours on the site or within 250m of the site boundary.

This aside, confirmatory ground gas and vapour monitoring visits were undertaken at the same time as the planned groundwater level monitoring.

Dual purpose ground gas and groundwater monitoring wells were installed to depths of between 2.0m and 4.0m bgl within WS01 to WS06. These positions were monitored for methane, carbon dioxide, oxygen and volatile organic compounds (VOC) on three occasions between November and December 2023.

During the monitoring visits, negligible methane concentrations up to 0.1% v/v were recorded. Carbon dioxide and oxygen were present in the range 0.0% v/v to 3.0% v/v and 12.5% to 21.6% v/v, respectively. Negligible volatile organic compounds (VOC) were recorded at concentrations ranging between 0.0ppm and 0.2ppm. No positive borehole flow rates were recorded during the monitoring visits. Atmospheric pressures of between 1004mb and 1022mb were recorded during the visits to date.

Where the groundwater level was higher than the response zone of the installed well, the gas results have been discounted as they are unlikely to be representative.

These preliminary results are considered representative of British Standard CS1/NHBC Traffic Light Green, for which no ground gas protection measures would be required. However, a further three ground gas monitoring visits were outstanding at the time of preparing this report. A supplementary report will be provided on completion of the monitoring period. It is recommended that the results of these visits be obtained prior to final design of the ground floor slabs.

6.9 Waste Disposal

6.9.1 Reuse of Material

In accordance with CL:AIRE Code of Practice (2011) materials are only considered waste if 'they are discarded, intended to be discarded or required to be discarded by the holder'.

The Code of Practice therefore allows soils to be reused on site where the following criteria are met:

- Pollution of the environment and harm to human health is prevented in reusing the excavated materials;
- The material is suitable for use (without any further processing);
- There is certainty of use; and
- The quantity that is absolutely necessary (and no more) is used.

In order to comply with the Code of Practice, a material management plan that confirms the above criteria are met has to be prepared. The material management plan must be reviewed by a 'Qualified Person' who then issues a declaration to the Environment Agency. Geo-Environmental can provide this service should it be required.

Where materials do not meet the required criteria, it may be possible to treat them under an environmental permit so that they may be re-used on site.

6.9.2 Reuse of Waste

Where material is discarded as waste, it may still be possible to reuse the waste on site under a standard rules environmental permit or a U1 waste exemption. However, strict limits on the volumes that can be reused apply in these cases.

6.9.3 Disposal to Landfill

Under current legislation, where wastes are to be disposed of to landfill they may, depending on their classification, require pre-treatment. Pre-treatment shall comprise a chemical, physical (including sorting), thermal or biological process. The pre-treatment is required to change the characteristics of the waste, reduce its volume, reduce its hazardous nature, and facilitate its handling and enhance its recovery.

6.9.4 Waste Classification

The following information is provided for preliminary guidance purposes as different facilities or operators may have differing acceptance criteria and further Waste Acceptance Criteria (WAC) analysis may be required to confirm the exact classification.



In the first instance, the laboratory results for all eleven samples of the recovered soils were assessed using the HazWasteOnline software which determines whether a generated waste is hazardous or non hazardous based on standard laboratory analysis. In addition, two of the samples were also submitted for Waste Acceptance Criteria (WAC) analysis. The results of the assessment are summarised in Table 6.2.

Location Ref.	Depth (m bgl)	Geology	HazWasteOnline Classification	Waste Acceptance Criteria (WAC)
TP01	0.40	Lower Greensand Formation	Non Hazardous	n/a
TP02	0.30	Topsoil	Non Hazardous	n/a
TP03	0.60	Topsoil	Non Hazardous	n/a
TP04	0.50	Lower Greensand Formation	Non Hazardous	n/a
TP07	0.20	Topsoil	Non Hazardous	n/a
WS01	0.20	Topsoil	Non Hazardous	Inert
WS02	0.20	Topsoil	Non Hazardous	n/a
WS03	0.40	Made Ground	Non Hazardous	Inert
WS04	0.20	Topsoil	Non Hazardous	n/a
WS05	0.20	Topsoil	Non Hazardous	n/a
WS06	0.30	Topsoil	Non Hazardous	n/a

Table 6.2 Summary of HazWasteOnline and WAC Assessments

Confirmation of the above assessments should be sought from the receiving landfill facility.

6.10 Discovery Strategy

Whilst an intrusive investigation has been undertaken on the site, it remains possible that unexpected ground and/or groundwater conditions may be encountered during the process of construction.

Should previously undiscovered contamination or unforeseen ground conditions be encountered during construction by the ground workers, this must be reported to the Site Manager immediately in order that the Consultant is notified. Where deemed necessary, the Consultant shall attend the site to inspect the discovery and provide recommendations on the further actions required, if any. Where necessary the regulatory authority shall be informed. Post any additional investigation or laboratory testing the results and any proposed remedial measures shall be reported to the regulatory authority or other appropriate organisation for consent, before proceeding or implementing the remedial measures.

A copy of the discovery strategy must be lodged on site, and provisions made to ensure that all workers are made aware of their responsibility to observe, report, and act on any potentially suspicious, abnormal, unforeseen or contaminated ground and/or groundwater conditions they may encounter.

Depending on the type, nature and extent of any such 'discovery', it may be necessary to halt works in that location until such time as the assessment has been completed. This shall be reviewed on a 'discovery' specific basis and in conjunction with consultation with the client, other technical personnel and/or regulatory/approval organisations.

As a general guide, where such unexpected conditions are encountered the following approach is required as a minimum:



- All discoveries are to be reported to the Site Manager immediately and works at that location are to halt until further notice;
- The Site Manager is to report any such discoveries to the Client and the Consultant;
- Following notification from the Site Manager, the Consultant shall discuss the discovery with the Local Authority and/or other relevant parties and if considered necessary, arrange to meet on site to view the discovery;
- The Consultant shall attend the site to record the location, extent and nature of the discovery and implement an appropriate sampling and analysis regime, taking due account of the type and nature of the discovery, known and probable land uses in that area of the site;
- Where remedial action is required, regulatory consultation and approval will be sought;
- A record will be produced by the Consultant and held on site (with copies held by the Consultant, Client and Local Authority/other relevant organisation), detailing the discovery, assessment works undertaken, findings thereof, confirmation either of no action required or detailing the remedial action taken and validation thereof.

The process is shown overleaf.

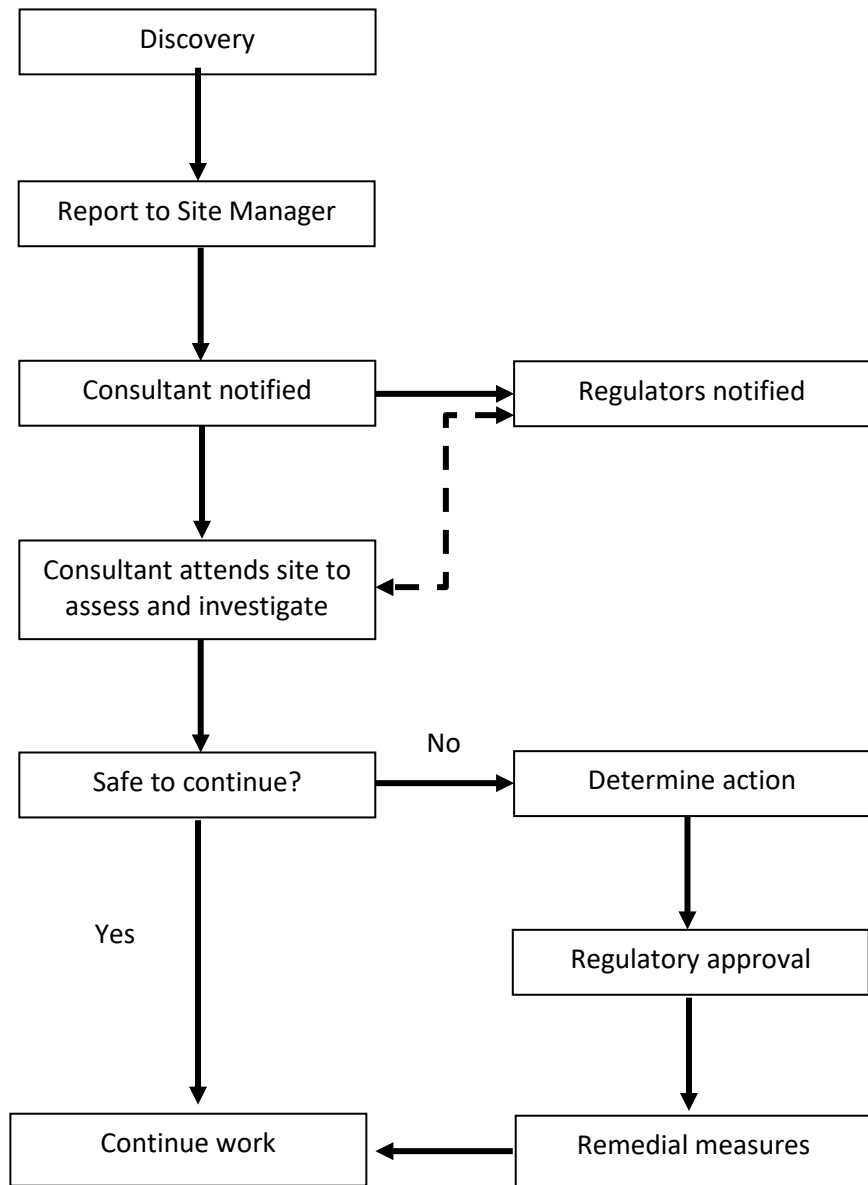


Chart 1 Discovery Strategy Process

A copy of the discovery strategy must be lodged on site and provisions made to ensure that all workers are made aware of their responsibility to observe, report and act on any potentially suspicious or contaminated materials they may encounter.



FIGURES



Project Title: Shoreham Road, Small Dole
Location : Small Dole, West Sussex
Project No. : GE22017
Client : Wates Developments

Title : Figure 1 - Site Location Plan
Scale: 1:8000
Engineer: AP



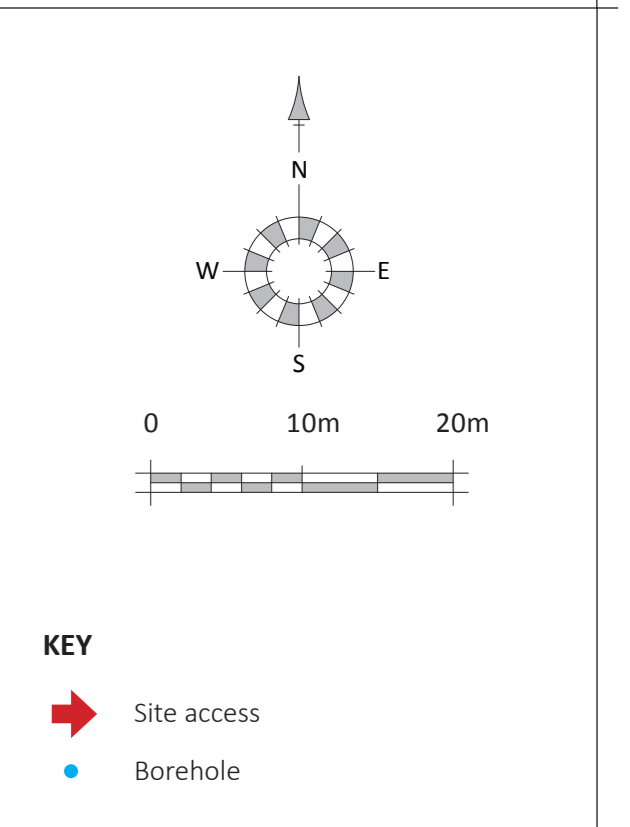
Geo-Environmental

- Legend Key
- Locations By Type - Empty
 - Locations By Type - TP
 - ◆ Locations By Type - WLS



Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation

400 Metres
1000 Feet



Indicative Coloured Site Layout
 Land West of Shoreham Road
 Small Dole

23088 / C101E
 Scale 1:500 @ A0 March 2025



Project Title: Shoreham Road, Small Dole
Location : Small Dole, West Sussex
Project No. : GE22017
Client : Wates Developments

Title : Figure 2 - Exploratory Hole Location Plan
Scale: 1:1750
Engineer: AP



Geo-Environmental

Legend Key

-  Locations By Type - TP
-  Locations By Type - WLS





APPENDIX A

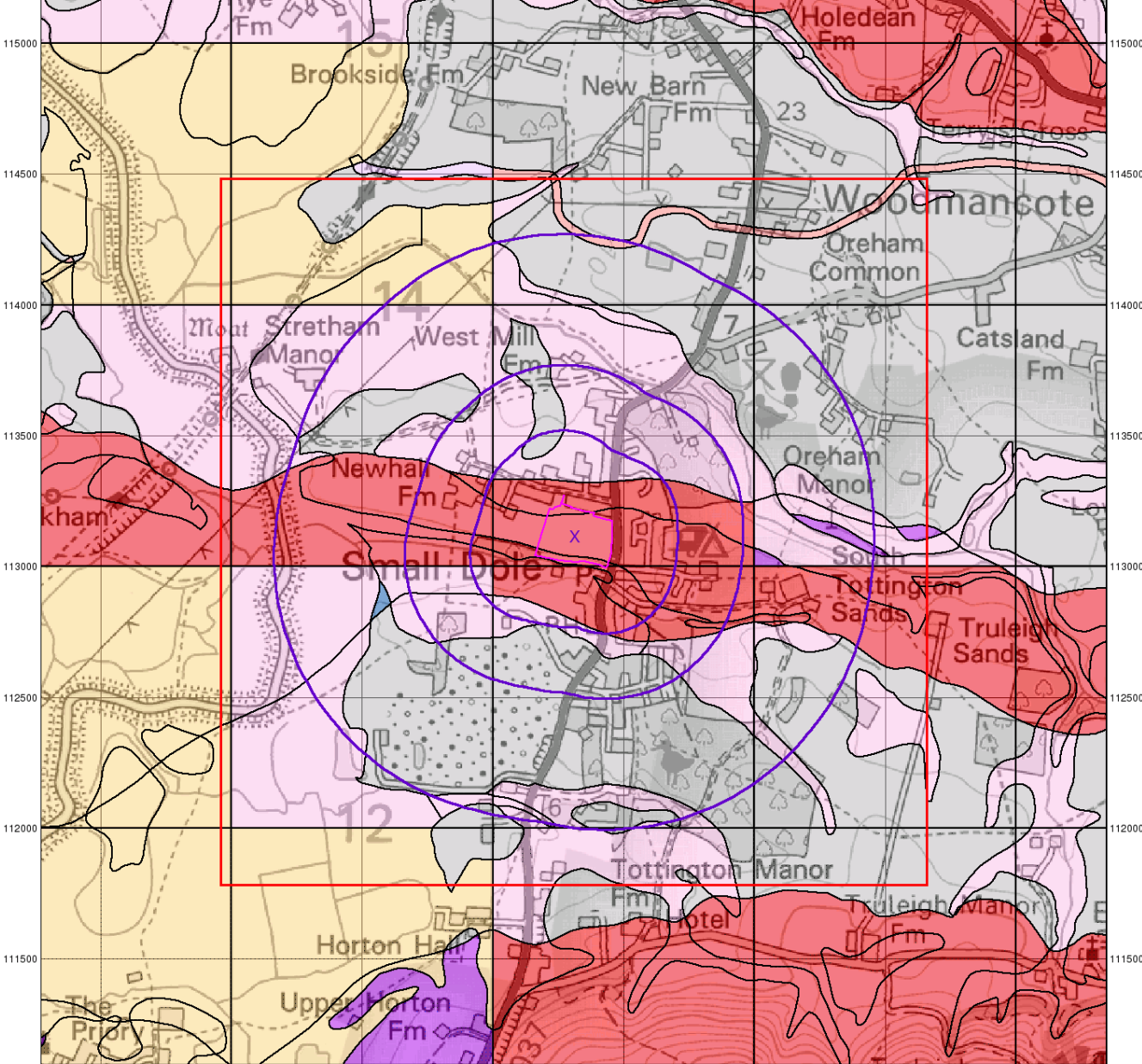
Desk Study Information, Site

Walkover & Preliminary Zetica UXO

Mapping



519500 520000 520500 521000 521500 522000 522500 523000



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0 1 km



Geo-Environmental Groundwater Vulnerability

General

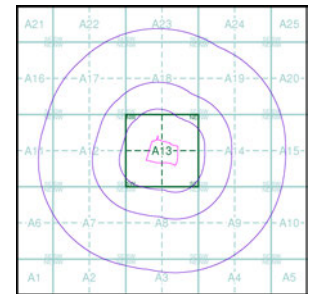
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 321564727_1_1
 Customer Ref: GE22017
 National Grid Reference: 521320, 113120
 Slice: A
 Site Area (Ha): 5.13
 Search Buffer (m): 1000

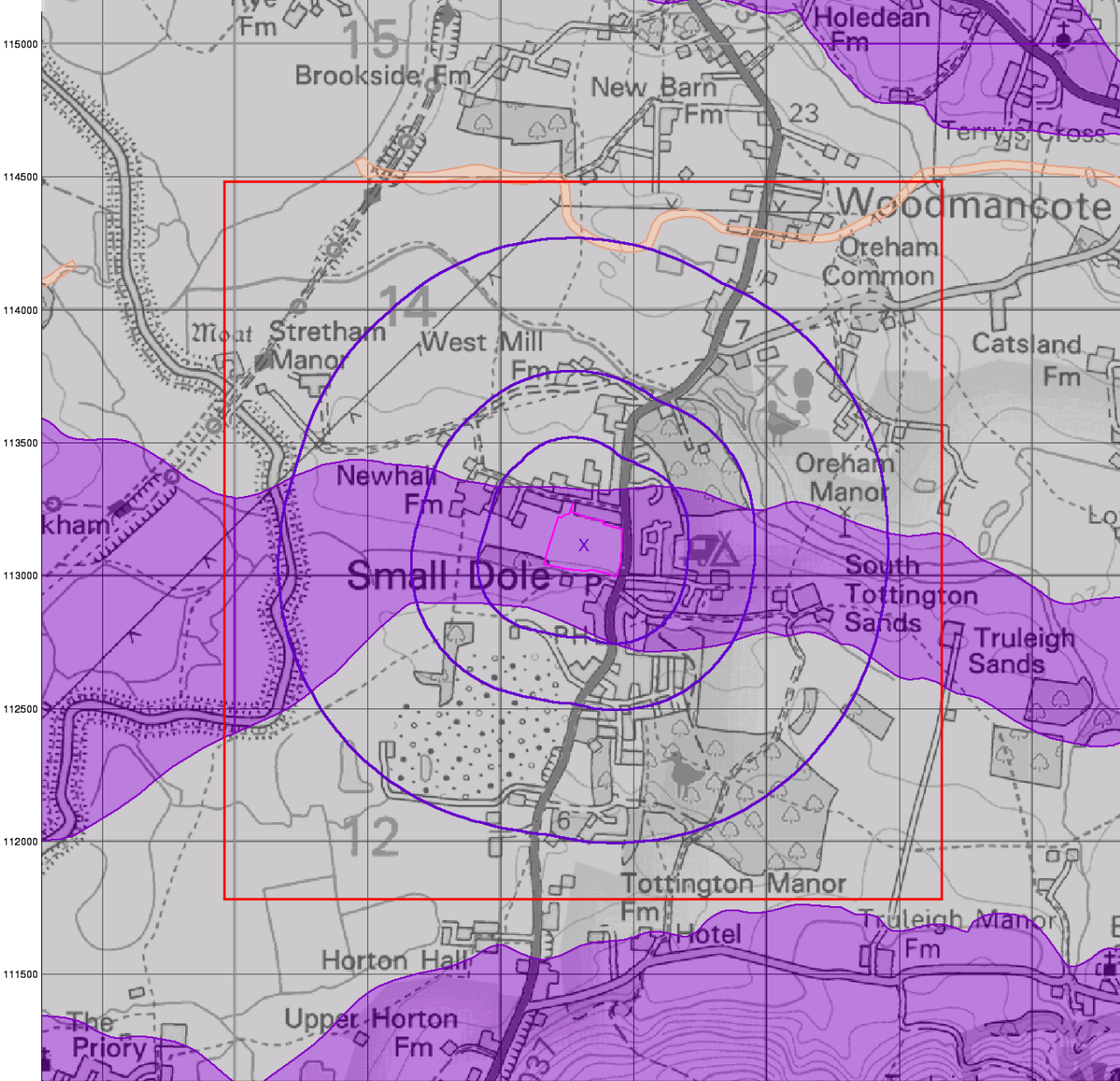
Site Details

Land off, Shoreham Road, Small Dole, West Sussex



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519500 520000 520500 521000 521500 522000 522500 523000



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Geo-Environmental Bedrock Aquifer Designation

General

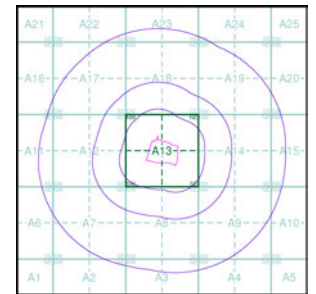
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

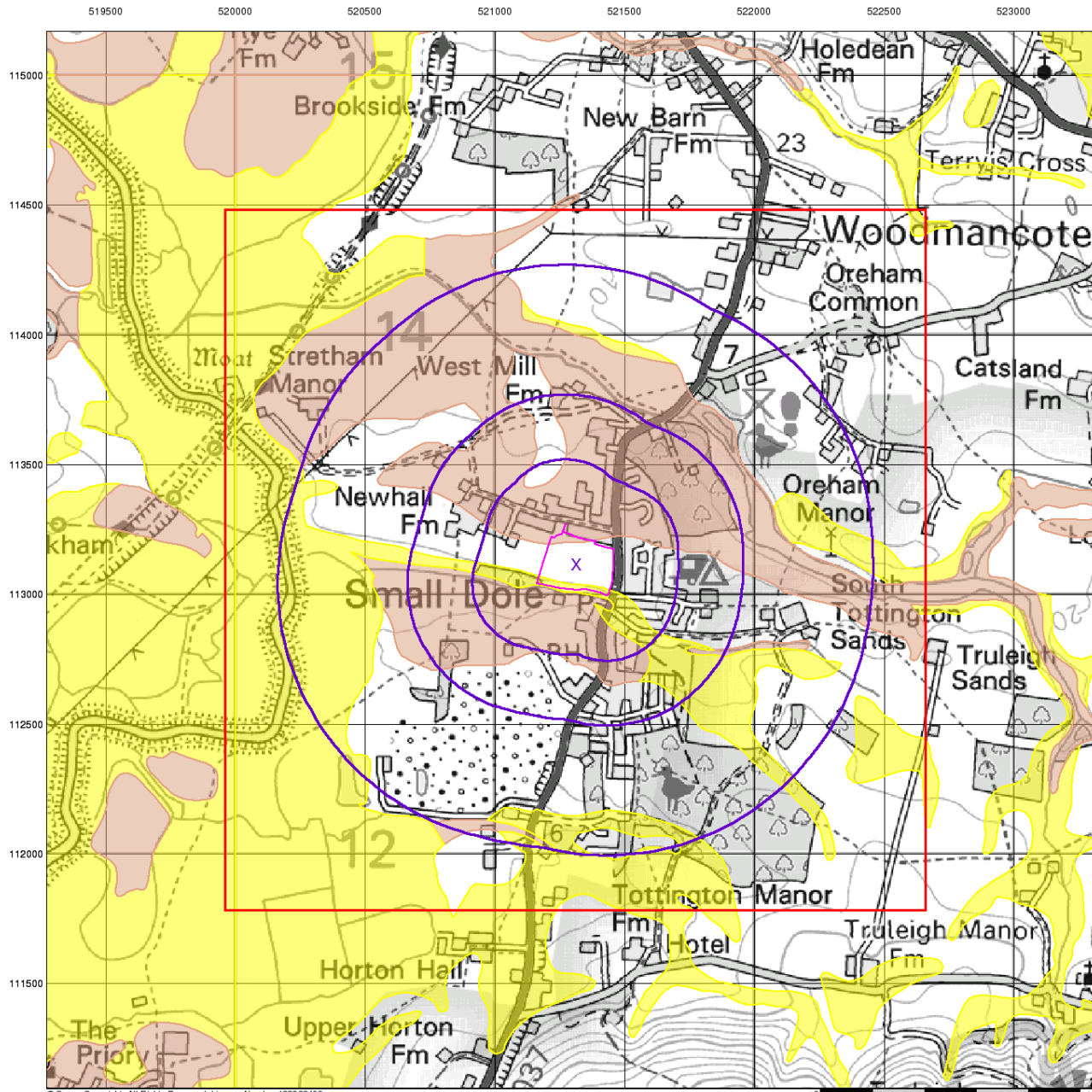
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 Site Area (Ha): 5.13
 Search Buffer (m): 1000

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Geo-Environmental Superficial Aquifer Designation

General

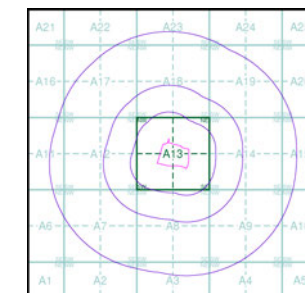
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- Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

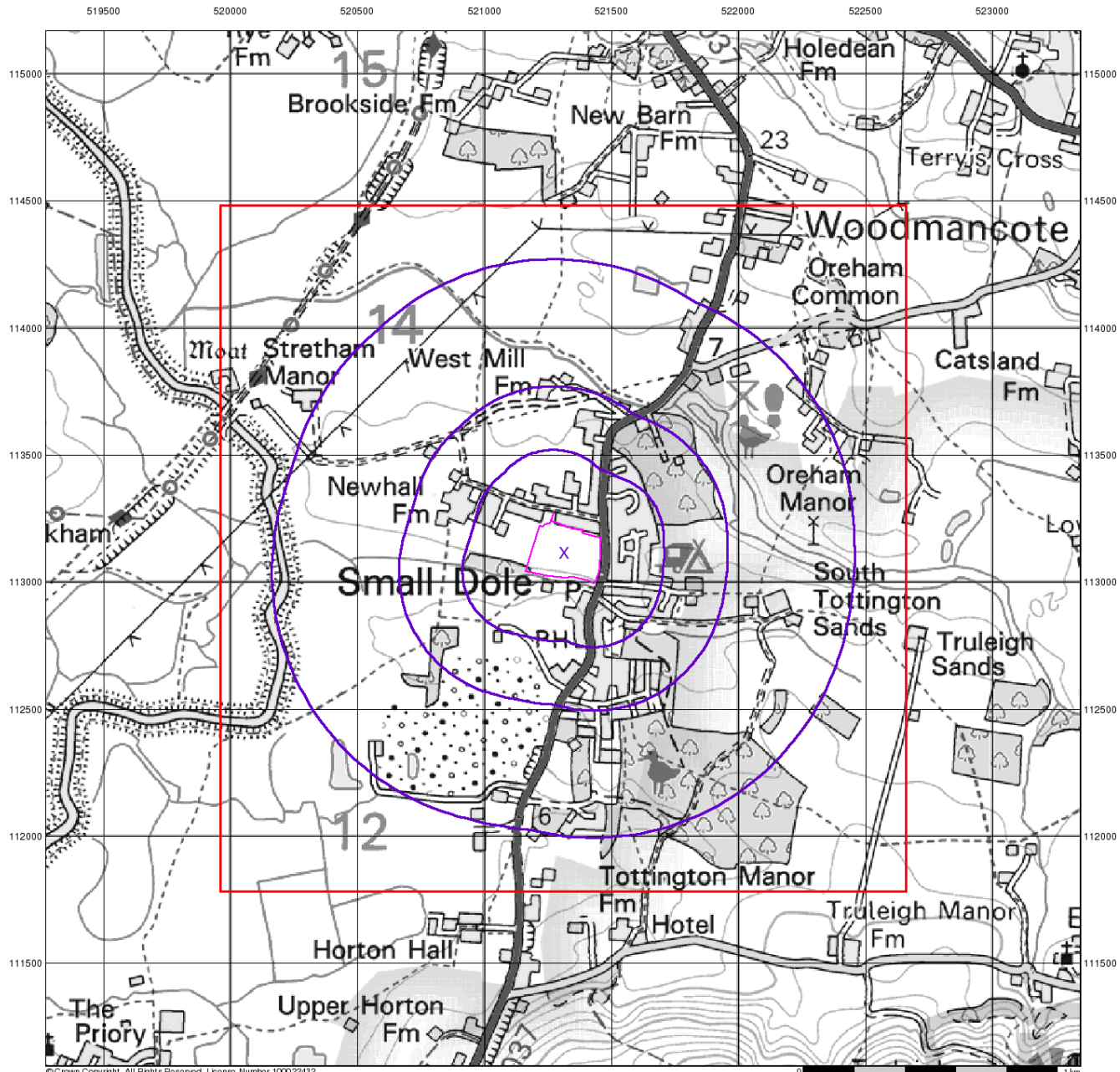
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 Search Buffer (m): 1000

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Geo-Environmental Source Protection Zones

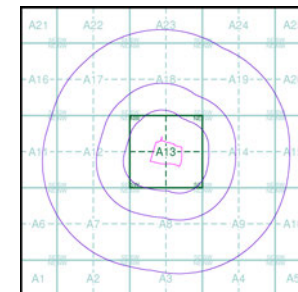
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

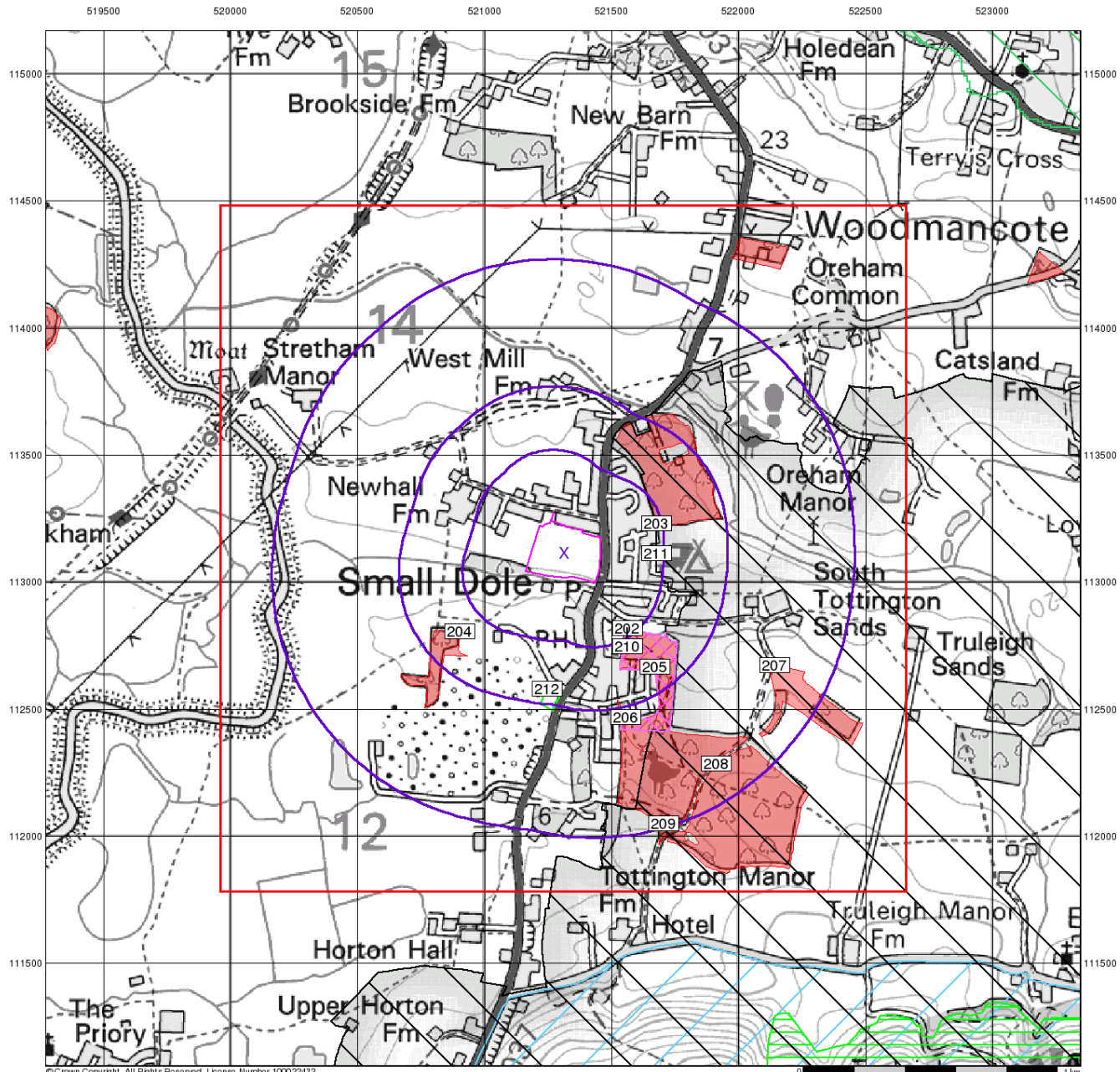
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 Site Area (Ha): 5.13
 Search Buffer (m): 1000

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Geo-Environmental Sensitive Land Uses

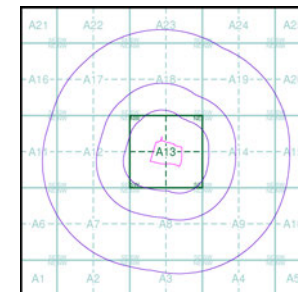
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

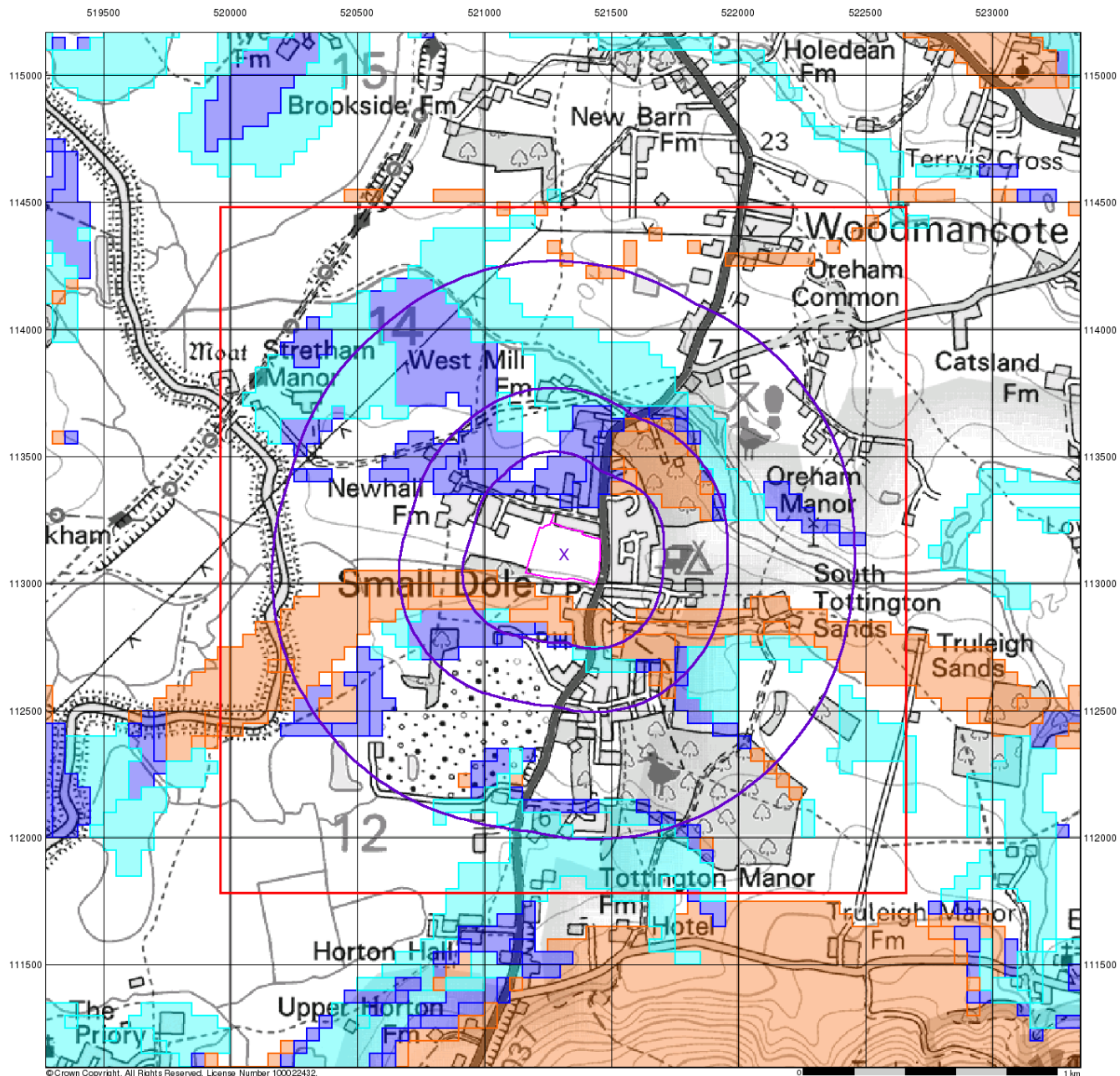
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Site Details

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Geo-Environmental
BGS Flood GFS Data

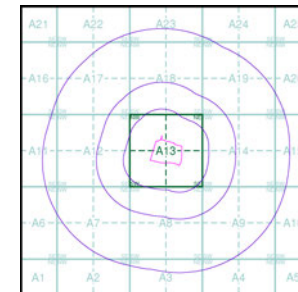
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 321564727_1_1
 Customer Ref: GE22017
 National Grid Reference: 521320, 113120
 Slice: A
 Site Area (Ha): 5.13
 Search Buffer (m): 1000

Site Details

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Geo-Environmental

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

321564727_1_1

Customer Reference:

GE22017

National Grid Reference:

521320, 113120

Slice:

A

Site Area (Ha):

5.13

Search Buffer (m):

1000

Site Details:

Land off

Shoreham Road

Small Dole

West Sussex

Client Details:

MR J Tingley

Geo Environmental Services Ltd

Unit 7 Danworth Farm

Cuckfield Road

Hurstpierpoint

West Sussex

BN6 9GL



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Useful Contacts	66

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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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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3		5	4	22
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 10				21
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 16			1	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 16		Yes		
Pollution Incidents to Controlled Waters	pg 16		1		2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 17		3		
River Quality	pg 17				3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 18				1
Water Abstractions	pg 18				2 (*9)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 20	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 21	Yes	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 22		5	21	83



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 35			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 35			4	
Licensed Waste Management Facilities (Locations)	pg 36			1	3
Local Authority Landfill Coverage	pg 37	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 37				5
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 38			1	
Registered Landfill Sites	pg 38				8
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					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 43	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 43	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 45			1	1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
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 46	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 46	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 46		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 46	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 46	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 46	Yes	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
Industrial Land Use					
Contemporary Trade Directory Entries	pg 48		7	36	20
Fuel Station Entries					
Points of Interest - Commercial Services	pg 54		1	12	7
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 55			4	2
Points of Interest - Public Infrastructure	pg 56			2	13
Points of Interest - Recreational and Environmental	pg 57		2	1	
Gas Pipelines					
Underground Electrical Cables					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 58		2	2	4
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 58		1		
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 58		1		
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 58			1	
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	A13SW (SW)	33	1	521200 113000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	40	1	521316 113300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	68	1	521316 112950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	69	1	521300 112950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	79	1	521316 113350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	106	1	521200 113350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	157	1	521100 112900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	172	1	521250 112850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	180	1	521200 112850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	182	1	521500 113350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	188	1	521000 112950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	192	1	521600 112900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	212	1	521316 112800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	213	1	521100 113400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	219	1	521300 112800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	228	1	521600 113350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	229	1	521550 112800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	240	1	521150 112800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	245	1	521350 112750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	271	1	521500 113450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	329	1	521316 113600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	340	1	521600 112700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	351	1	521150 113600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	368	1	521650 112700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9NW (SE)	399	1	521700 112700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	402	1	521750 112750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9NW (SE)	409	1	521650 112650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	428	1	521550 113600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	432	1	521850 113350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	437	1	520750 112900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9NW (SE)	438	1	521700 112650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A9NW (SE)	442	1	521800 112750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	451	1	521900 113250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	455	1	521850 113400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	462	1	521900 113300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	470	1	521550 113650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	470	1	521750 112650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	475	1	521800 113500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	478	1	521900 113350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	478	1	521750 113550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	491	1	521700 113600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Tottington Drive Small Dole Ceo Tottington Drive, Henfield Drive, Small Dole, West Sussex, Bn5 9xy Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01008 Permit Version: 2 Effective Date: 1st September 2017 Issued Date: 1st September 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	6	2	521430 112990
1	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Tottington Drive Small Dole Ceo Tottington Drive, Henfield Drive, Small Dole, West Sussex, Bn5 9xy Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01008 Permit Version: 2 Effective Date: 1st September 2017 Issued Date: 1st September 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	6	2	521430 112990
1	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Tottington Drive Small Dole Ceo Tottington Drive, Henfield Drive, Small Dole, West Sussex, Bn5 9xy Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01008 Permit Version: 1 Effective Date: 10th March 2003 Issued Date: 10th March 2003 Revocation Date: 31st August 2017 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River 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</p>	A13SE (SE)	6	2	521430 112990
2	<p>Discharge Consents</p> <p>Operator: Church Hill Construction Co. Ltd. Property Type: Undefined Or Other Location: East Side Of A.2037 At Small Dol, Adjacent Topost Office, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01364 Permit Version: 1 Effective Date: 22nd October 1978 Issued Date: 22nd October 1978 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</p>	A13SE (SE)	106	2	521440 112890



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Mr B Collis Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: New Hall Farm Barn, New Hall Lane, Smalldole, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07153 Permit Version: 1 Effective Date: 4th May 1998 Issued Date: 4th May 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 100m</p>	A13NW (NW)	231	2	521000 113300
4	<p>Discharge Consents</p> <p>Operator: Hopegar Properties Limited Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Mackley Industrial Estate, Henfield Road, Small Dole, HENFIELD, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00777 Permit Version: 1 Effective Date: 8th December 1986 Issued Date: 8th December 1986 Revocation Date: Not Supplied 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</p>	A8NE (SE)	334	2	521620 112720
5	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Flower Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Southbank & Little Rooklands, New Hall Lane, Small Dole, Henfield, West Sussex, Bn5 9yl Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12365 Permit Version: 1 Effective Date: 27th April 2005 Issued Date: 27th April 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib. 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</p>	A12SE (W)	338	2	520830 113100
5	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Macmillan Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Southbank & Little Rooklands, New Hall Lane, Small Dole, Henfield, West Sussex, Bn5 9yl Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12365 Permit Version: 1 Effective Date: 27th April 2005 Issued Date: 27th April 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib. 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</p>	A12SE (W)	338	2	520830 113100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Yellowley Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Jasmine Cottage, Shoreham Road, Woods Mill, West Sussex, Bn5 9yq Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07338 Permit Version: 1 Effective Date: 11th October 1998 Issued Date: 11th October 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</p>	A18SE (NE)	498	2	521630 113640
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 9 Effective Date: 28th November 2016 Issued Date: 28th November 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Tidal River Adur Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	525	2	521560 113710
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01483 Permit Version: 1 Effective Date: 31st March 2007 Issued Date: 1st March 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Tidal 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</p>	A18SE (N)	525	2	521560 113710
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 8 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 27th November 2016 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 7 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 5 Effective Date: 1st April 2005 Issued Date: 5th March 2005 Revocation Date: 31st March 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 4 Effective Date: 24th February 2005 Issued Date: 24th February 2005 Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 6 Effective Date: 1st April 2007 Issued Date: 24th February 2005 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Ltd (S) Property Type: Sewage Disposal Works - Water Company Location: Small Dole S.T.W., Small Dole, Henfield, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: W00398 Permit Version: 3 Effective Date: 16th July 2004 Issued Date: 16th July 2004 Revocation Date: 23rd February 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 2 Effective Date: 31st March 2003 Issued Date: 18th March 2003 Revocation Date: 23rd February 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Small Dole Wwtw Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9yg Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: W00398 Permit Version: 1 Effective Date: 24th April 1980 Issued Date: 24th April 1980 Revocation Date: 30th March 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Adur Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	539	2	521600 113700
8	<p>Discharge Consents</p> <p>Operator: John Mowlem Homes Property Type: Undefined Or Other Location: Hoewood House, Henfield Road, SMALL DOLE , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01379 Permit Version: 1 Effective Date: 23rd December 1987 Issued Date: 23rd December 1987 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</p>	A19SW (NE)	531	2	521690 113650



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Discharge Consents</p> <p>Operator: J.R.Penny Esq. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Dwelling, Sands Farm, Small Dole , Henfield West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00253 Permit Version: 1 Effective Date: 22nd October 1985 Issued Date: 22nd October 1985 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	730	2	522150 112830
10	<p>Discharge Consents</p> <p>Operator: Mr I Mcnee Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Millbrook, Henfield Millbrook, Horn Lane, Henfield, West Sussex, Bn5 9sa Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12697 Permit Version: 1 Effective Date: 16th March 2006 Issued Date: 16th March 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway 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</p>	A19SW (NE)	744	2	521900 113770
11	<p>Discharge Consents</p> <p>Operator: The Director Of Env. Services Property Type: HOLIDAY ACCOM/CAMP SITE/CARAVAN SITE/HOTEL/HOSTEL Location: Caravan Site, Small Dole, Upper Beeding, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: N01535 Permit Version: 1 Effective Date: 21st January 1980 Issued Date: 21st January 1980 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not 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 100m</p>	A8SE (S)	788	2	521490 112210
12	<p>Discharge Consents</p> <p>Operator: Mr G J Jordan Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Barcombe House Horn Lane Henfield Barcombe House, Horn Lane, Henfield, West Sussex, Bn5 9sa Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P13232 Permit Version: 1 Effective Date: 20th November 2007 Issued Date: 20th November 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Hedgeline Ditch Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	830	2	522000 113800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Discharge Consents</p> <p>Operator: A.B. Winter Esq. Property Type: Undefined Or Other Location: Oreham Manor Farm, Horn Lane, Henfield West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01673 Permit Version: 1 Effective Date: 28th December 1967 Issued Date: 28th December 1967 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</p>	A15NW (E)	971	2	522380 113470
13	<p>Discharge Consents</p> <p>Operator: A.B. Winter Esq. Property Type: Undefined Or Other Location: Horn Lane , HENFIELD, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01673 Permit Version: 1 Effective Date: 28th December 1967 Issued Date: 28th December 1967 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</p>	A20SW (E)	987	2	522390 113490
14	<p>Discharge Consents</p> <p>Operator: Mr Bruce Copper Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Nightingales Henfield Road, Small Dole, Henfield, West Sussex, Bn5 9xj Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprrb3399eg Permit Version: 1 Effective Date: 24th June 2020 Issued Date: 24th June 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Adur Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A2NE (S)	996	2	520898 112083
15	<p>Discharge Consents</p> <p>Operator: Sweeptech Environmental Services Limited Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Builder Centre Formerly Henfield Claypit, Shoreham Road, Henfield, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07654 Permit Version: 1 Effective Date: 16th June 1999 Issued Date: 16th June 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Woodmills Stream 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</p>	A19NW (NE)	999	2	521830 114100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Discharge Consents</p> <p>Operator: Edburton Contractors Limited Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Builder Centre Formerly Henfield Claypit, Shoreham Road, Henfield, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07654 Permit Version: 1 Effective Date: 16th June 1999 Issued Date: 16th June 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Woodmills Stream 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</p>	A19NW (NE)	999	2	521830 114100
15	<p>Discharge Consents</p> <p>Operator: Builder Centre Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Henfield Clay Pit, Shoreham Road, HENFIELD, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01518 Permit Version: 1 Effective Date: 8th September 1980 Issued Date: 8th September 1980 Revocation Date: 31st October 1982 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	999	2	521830 114100
15	<p>Discharge Consents</p> <p>Operator: Builder Centre Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Builder Centre Formerly Henfield Claypit, Shoreham Road, Henfield, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Old-River Adur 60 Reference: N01539 Permit Version: 1 Effective Date: 10th December 1979 Issued Date: 10th December 1979 Revocation Date: 1st May 1980 Discharge Type: Waste Site - Domestic & Industrial Landfill Tip Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Freshwater Stream Or River Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	999	2	521830 114100
16	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Henfield, West Sussex, BN5 9XH Authority: Environment Agency, Southern Region Permit Reference: PP3739MR Original Permit Ref: Bv9900is Effective Date: 6th April 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A8NW (SW)	591	2	520989 112479



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, HENFIELD, West Sussex, BN5 9XH Authority: Environment Agency, Southern Region Permit Reference: SP3430KD Original Permit Ref: Bv9900is Effective Date: 5th May 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	648	2	520907 112448
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Closed Landfill Site Epr/Bv9900is, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: UP3635YS Original Permit Ref: Bv9900is Effective Date: 30th May 2017 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: N</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: WP3435VY Original Permit Ref: Bv9900is Effective Date: 12th March 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: N</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: FP3934ZV Original Permit Ref: Bv9900is Effective Date: 2nd June 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	662	2	520970 112410



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: UP3537HF Original Permit Ref: Bv9900is Effective Date: 30th August 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Located by supplier to within 10m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency, Southern Region Permit Reference: UP3537HF Original Permit Ref: Bv9900is Effective Date: 30th August 2011 Status: Effective Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Located by supplier to within 10m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: KP3132TR Original Permit Ref: Bv9900is Effective Date: 16th July 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: HP3438GY Original Permit Ref: Bv9900is Effective Date: 25th February 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	662	2	520970 112410



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, HENFIELD, West Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: SP3430KD Original Permit Ref: Bv9900is Effective Date: 5th May 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, HENFIELD, West Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: PP3739MR Original Permit Ref: Bv9900is Effective Date: 6th April 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	662	2	520970 112410
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: BV9900IS Original Permit Ref: Bv9900is Effective Date: 30th March 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SE (SW)	662	2	520970 112410
19	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency, Southern Region Permit Reference: HP3438GY Original Permit Ref: Bv9900is Effective Date: 25th February 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N</p>	A7SE (SW)	685	2	520843 112438



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant Epr/Lp30311k, Small Dole Leachate Plant, Henfield Road, Small Dole,, West Sussex, BN5 9XJ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: DP3637QU Original Permit Ref: Lp30311k Effective Date: 25th January 2019 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A7NW (SW)	857	2	520500 112500
20	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant Epr/Lp30311k, Small Dole Leachate Plant, Henfield Road, Small Dole,, West Sussex, BN5 9XJ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: QP3638YM Original Permit Ref: Lp30311k Effective Date: 30th June 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 100m Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A7NW (SW)	857	2	520500 112500
20	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant, Small Dole Leachate Plant, Henfield Road, Small Dole,, West Sussex, BN5 9XJ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: EP3630VY Original Permit Ref: Lp30311k Effective Date: 19th February 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A7NW (SW)	857	2	520500 112500
20	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant, Small Dole Leachate Plant, Henfield Road, Small Dole,, West Sussex, BN5 9XJ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: AP3238KN Original Permit Ref: Lp30311k Effective Date: 9th November 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A7NW (SW)	857	2	520500 112500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant, Small Dole Leachate Plant, Henfield Road, Small Dole,, West Sussex, BN5 9XJ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: LP3031LK Original Permit Ref: Lp3031lk Effective Date: 23rd March 2007 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: Y</p>	A7NW (SW)	857	2	520500 112500
20	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant, Small Dole Leachate Plant, Small Dole, West Sussex, BN5 9XJ Authority: Environment Agency, Southern Region Permit Reference: LP3031LK Original Permit Ref: Lp3031lk Effective Date: 23rd March 2007 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: Y</p>	A7NW (SW)	857	2	520500 112500
21	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Ltd Location: Horton Landfill Site, Horton Landfill, Small Dole,, Henfield, W Sussex, BN5 9XH Authority: Environment Agency, Southern Region Permit Reference: KP3132TR Original Permit Ref: Bv9900is Effective Date: 16th July 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A7SW (SW)	944	2	520559 112318
21	<p>Integrated Pollution Prevention And Control</p> <p>Name: Cemex Uk Materials Limited Location: Small Dole Leachate Treatment Plant, Small Dole Leachate Plant, Henfield Road, Small Dole,, West Sussex, BN5 9XJ Authority: Environment Agency, Southern Region Permit Reference: AP3238KN Original Permit Ref: Lp3031lk Effective Date: 9th November 2010 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: Y</p>	A7SW (SW)	945	2	520560 112316



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Frosts Body Repair Centre Location: Mackley Industrial Estate, Henfield Road, Small Dole, HENFIELD, West Sussex, BN5 9XR Authority: Horsham District Council, Environmental Health Department Permit Reference: PPC22 Dated: 23rd September 1992 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	409	3	521593 112620
23	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: M.C Wiltons Ltd Location: The Sawmills, Small Dole, HENFIELD, West Sussex, BN5 9XG Authority: Horsham District Council, Environmental Health Department Permit Reference: Epa/6 Dated: 30th November 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A8SE (S)	601	3	521379 112397
	<p>Nearest Surface Water Feature</p>	A13SW (SW)	2	-	521191 113035
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Metal industry Location: Tottington Drive , SMALL DOLE Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Stream Turned White Incident Date: 12th May 1998 Incident Reference: 598205 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SW (S)	19	2	521300 113000
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: No Premises Identified Location: Hillside Lane, SMALL DOLE Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 4th April 1999 Incident Reference: 2055 Catchment Area: Adur Receiving Water: Potential River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier</p>	A3NW (S)	923	2	521200 112100
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Small Dole Landfil Site Authority: Environment Agency, Southern Region Pollutant: Oils - Gas Oil Note: Diesel Spillage - Has Gone Into Lake At Blue Circle; Landfill/Waste Disposal Site Incident Date: 12th November 1994 Incident Reference: P00768 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (SW)	996	2	520500 112300



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Registered Radioactive Substances</p> <p>Name: Vet Diagnostics Ltd Location: Victoria House, Henfield Road, Small Dole, HENFIELD, West Sussex, BN5 9XE Authority: Environment Agency, Southern Region Permit Reference: Bv7141 Dated: 10th October 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to an authorisation under S13 or S14 RSA in respect of a registration under S7 or S10 RSA where the sum of the registered holdings does not exceed 20 megabecquerels Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	103	2	521446 112894
27	<p>Registered Radioactive Substances</p> <p>Name: Vet Diagnostics Ltd Location: Victoria House, Henfield Road, Small Dole, HENFIELD, West Sussex, BN5 9XE Authority: Environment Agency, Southern Region Permit Reference: BE7605 Dated: 20th April 1999 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Registration under S7 or S10 RSA where the sum of the registered holdings does not exceed 20 megabecquerels Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	103	2	521446 112894
27	<p>Registered Radioactive Substances</p> <p>Name: Vet Diagnostics Ltd Location: Victoria House, Henfield Road, Small Dole, HENFIELD, West Sussex, BN5 9XE Authority: Environment Agency, Southern Region Permit Reference: BE7613 Dated: 11th February 1999 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	103	2	521446 112894
	<p>River Quality</p> <p>Name: Woodsmill Strm GQA Grade: River Quality C Reach: Tidal R. Adur - Small Dole Stw Estimated Distance (km): 2.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A18SE (NE)	529	2	521585 113703
	<p>River Quality</p> <p>Name: Woodsmill Strm GQA Grade: River Quality B Reach: Small Dole Stw - Perching Sands Estimated Distance (km): 4.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A18SE (NE)	533	2	521585 113703
	<p>River Quality</p> <p>Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995</p>	A11SE (W)	948	2	520213 113029



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 10th April 2007 Incident Reference: 483860 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant</p>	A8SE (S)	858	2	521500 112140
29	<p>Water Abstractions</p> <p>Operator: Hales Waste Control Ltd Licence Number: 10/41/312009 Permit Version: 100 Location: River Adur At Small Dole Authority: Environment Agency, Southern Region Abstraction: Refuse And Recycling: Dust Suppression Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 23 Yearly Rate (m3): 6364.4 Details: Small Dole Landfill Site. See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd October 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	946	2	520220 113120
29	<p>Water Abstractions</p> <p>Operator: Hales Waste Control Ltd Licence Number: 312009 Permit Version: Not Supplied Location: Small Dole, UPPER BEEDING Authority: Environment Agency, Southern Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 23 Yearly Rate (m3): 6364 Details: River Adur 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</p>	A11SE (W)	946	2	520220 113120
	<p>Water Abstractions</p> <p>Operator: Viridor Waste Management Ltd Licence Number: 23/077 Permit Version: 2 Location: River Adur Tidal Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th January 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1214	2	520110 112440
	<p>Water Abstractions</p> <p>Operator: Viridor Waste Management Ltd Licence Number: 23/077 Permit Version: 2 Location: River Adur Tidal Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th January 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1214	2	520110 112440



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Viridor Waste Management Ltd Licence Number: 23/077 Permit Version: 2 Location: River Adur Tidal Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th January 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1214	2	520110 112440
	<p>Water Abstractions</p> <p>Operator: Viridor Waste Management Ltd Licence Number: 23/077 Permit Version: 1 Location: River Adur Tidal Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th September 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1214	2	520110 112440
	<p>Water Abstractions</p> <p>Operator: Viridor Waste Management Ltd Licence Number: 23/077 Permit Version: 1 Location: River Adur Tidal Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 28th September 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1214	2	520110 112440
	<p>Water Abstractions</p> <p>Operator: Viridor Waste Management Ltd Licence Number: 23/077 Permit Version: 1 Location: River Adur Tidal Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th September 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1214	2	520110 112440



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr R R L Windus Licence Number: 23/055 Permit Version: 100 Location: Point A At Edburton Authority: Environment Agency, Southern Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boldly Marked On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NE (E)	1519	2	522970 113280
	<p>Water Abstractions</p> <p>Operator: Mr R R L Windus Licence Number: 23/055 Permit Version: 100 Location: Point A At Edburton Authority: Environment Agency, Southern Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boldly Marked On Licence Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NE (E)	1519	2	522970 113280
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs Brooks-Bank Licence Number: 10/41/312002 Permit Version: 100 Location: Wyckham Farm Steyning Well No 2 Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Buildings At Wyckham Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th January 1985 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(W)	1763	2	519400 113060
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	A13SE (N)	0	4	521316 113116



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SW (S)	0	4	521310 113037
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13NE (N)	0	4	521310 113199
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SE (S)	0	4	521348 113000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SE (N)	0	4	521316 113116
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (S)	0	4	521310 113037
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (N)	0	4	521310 113199
	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				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 272.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	2	5	521191 113035
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 265.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (S)	9	5	521309 113006
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 536.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	11	5	521195 113027
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	32	5	521449 112968
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 345.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	104	5	521432 112891
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 469.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	339	5	521183 112691
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 599.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	344	5	520824 113100
37	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	A14SW (SE)	355	5	521729 112800
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	355	5	521729 112800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	359	5	521731 112795
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	427	5	521678 112647
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	432	5	520967 113578
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 295.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	438	5	521121 113682
43	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 48.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	446	5	520906 112678
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	459	5	521258 113730
45	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	459	5	521258 113730
46	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	A18SW (NW)	463	5	520973 113626
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 394.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	485	5	520972 113653



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	486	5	520674 113083
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	492	5	520673 113091
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	493	5	520867 112649
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 492.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	495	5	521879 112779
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 321.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	495	5	521879 112779
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	496	5	521263 113766
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	496	5	521263 113766
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	500	5	520862 112644
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	504	5	520859 112641



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 583.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (N)	512	5	521537 113717
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	522	5	521269 113792
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	524	5	521976 113230
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	547	5	520763 113527
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	548	5	521820 113583
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 263.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	553	5	521886 113520
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	566	5	521129 113819
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	568	5	521750 113659
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 323.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A14NW (NE)	572	5	521970 113424



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	586	5	521832 113623
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1371.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	589	5	521953 113489
68	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 45.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	596	5	521764 113684
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	597	5	520571 112967
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	604	5	521729 113712
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	611	5	521725 113722
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	612	5	521727 113723
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	612	5	521727 113723
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	614	5	521733 113721



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	618	5	521183 113883
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 532.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	621	5	522076 113170
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	633	5	520532 113090
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 361.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	635	5	520531 113106
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	A19SW (NE)	639	5	521807 113708
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	639	5	521751 113744
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	641	5	521807 113710
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	643	5	521749 113746
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	646	5	521279 113917



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	646	5	521247 113916
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	654	5	521913 113641
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	654	5	521913 113641
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 578.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	657	5	521733 113769
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	658	5	521178 113923
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	662	5	521170 113925
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	663	5	521282 113933
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	669	5	521856 113712
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 326.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	672	5	520761 112505



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	673	5	520761 112504
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	675	5	521843 113726
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	675	5	521102 113924
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	684	5	521091 113931
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	699	5	521985 113630
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	699	5	521946 113673
99	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	A18NW (N)	724	5	521268 113995
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	727	5	521267 113997
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 621.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	739	5	522078 113572



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	743	5	521272 114014
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	748	5	521536 112255
104	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	773	5	522189 112814
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	796	5	522213 112810
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (N)	835	5	520959 114046
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1182.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (N)	840	5	520957 114050
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	859	5	521912 112284
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	875	5	520593 112379
110	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 27.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NE (E)	878	5	522281 112754



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NE (S)	880	5	521422 112110
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	880	5	521524 112121
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NE (S)	881	5	521526 112120
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NE (S)	881	5	521526 112120
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 621.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SE (SE)	888	5	522047 112357
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	893	5	521238 112119
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 760.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NE (E)	899	5	522297 112733
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	905	5	521174 112121
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	905	5	521174 112121



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	919	5	520539 113843
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	923	5	520583 112325
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SE (N)	934	5	521337 114202
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11NE (W)	934	5	520251 113245
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11NE (W)	934	5	520251 113245
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SE (N)	950	5	521340 114218
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	954	5	521154 112074
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	954	5	521153 112074
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SE (N)	955	5	521341 114223



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A11SE (W)	956	5	520208 113082
130	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 676.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Adur Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	957	5	520206 113045
131	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 125.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Adur Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	966	5	520198 113078
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11NE (W)	966	5	520223 113268
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11NE (W)	966	5	520223 113268
134	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	974	5	520983 112084
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 191.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	977	5	520976 112082
136	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	978	5	520979 112081
137	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	978	5	520979 112081



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	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	A7SW (SW)	978	5	520570 112265



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	<p>Historical Landfill Sites</p> <p>Licence Holder: Cemex Uk Materials Ltd Location: Henfield, Small Dole, West Sussex Name: Small Dole Landfill Site Operator Location: Coldharbour Lane, Egham, Thorpe, Surrey Boundary Accuracy: As Supplied Provider Reference: EAHLD35840 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 19700 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied</p>	A7NE (SW)	461	2	520789 112774
140	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Henfield Road, Small Dole, Sussex Name: Small Dole, South of Mackleys Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20111 First Input Date: 31st December 1950 Last Input Date: 31st December 1979 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8043 BGS Ref: Not Supplied Other Ref: WD27/199</p>	A8SE (S)	734	2	521416 112261
141	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Henfield, Sussex Name: Oreham Piggeries Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20364 First Input Date: 31st December 1984 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8152 BGS Ref: Not Supplied Other Ref: WD27/126</p>	A15NW (E)	937	2	522357 113429
142	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Horton Landfill Site Licence Number: 0 Location: Horton Landfill, Small Dole, W Sussex, BN5 9XH Licence Holder: Viridor Waste Management Ltd Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 12th March 2014 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A8NW (S)	321	2	521201 112707
143	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Horton Closed Landfill Site Epr/Bv9900is Licence Number: 0 Location: Horton Landfill Site, Horton Closed Landfill Site EPR/BV9900IS, Small Dole, Henfield, BN5 9XH Licence Holder: Viridor Waste Management Limited Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 30th May 2017 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A8NW (S)	338	2	521185 112692



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Small Dole Landfill Site Licence Number: 19700 Location: Small Dole Landfill Site, Small Dole, Henfield, West Sussex, BN5 9XJ Licence Holder: Cemex Uk Materials Ltd Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: 1st October 1990 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A7NE (SW)	461	2	520789 112774
145	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Small Dole Landfill Licence Number: 19701 Location: CEMEX UK MATERIALS LIMITED, Small Dole Landfill, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XJ Licence Holder: Cemex Uk Materials Limited Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Closure Issued: 13th June 1977 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A7NE (SW)	461	2	520789 112774
146	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 402244 Location: Horton Landfill Site, Small Dole, West Sussex, BN5 9XH Operator Name: Viridor Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Use of waste in a deposit for recovery op Licence Status: Surrendered Issued: 15th October 2015 Last Modified: 13th October 2020 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd April 2021 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	474	2	521241 112548
147	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 19700 Location: Small Dole Landfill Site, Small Dole, Henfield, West Sussex, BN5 9XJ Operator Name: Cemex U K Materials Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Surrendered Issued: 1st October 1990 Last Modified: 21st June 2005 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 18th July 2013 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	714	2	520700 112500
148	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 19702 Location: Horton Landfill, Small Dole, Henfield, West Sussex, BN5 9XJ Operator Name: Viridor Waste Disposal Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Co-disposal Landfill Sites Licence Status: To PPC Issued: 9th September 1991 Last Modified: 4th April 2001 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: BV9900IS Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	793	2	520700 112400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 19701 Location: Small Dole Landfill, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XJ Operator Name: Cemex U K Materials Limited Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Licence Status: Closed Issued: 13th June 1977 Last Modified: 16th January 2019 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	837	2	520400 112700
	<p>Local Authority Landfill Coverage</p> <p>Name: Horsham District Council - Has supplied landfill data</p>		0	3	521316 113116
	<p>Local Authority Landfill Coverage</p> <p>Name: West Sussex County Council - Has supplied landfill data</p>		0	6	521316 113116
150	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Horton Landfill Site, Henfield Road, Small Dole Reference: UB/72/00 Authority: West Sussex County Council, Environment & Development Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Manually positioned within the geographical locality Boundary Quality: Not Applicable</p>	A8SW (SW)	664	6	521000 112400
151	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Horton Brooks (Blue Circle), Small Dole Reference: 27/197 Authority: Horsham District Council, Environmental Health Department Last Reported Status: Not Supplied Types of Waste: Industrial, Commercial, Household, Special Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A8SW (S)	679	3	521170 112348
152	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Horton Brooks (Hales), Small Dole Reference: 27/196 Authority: Horsham District Council, Environmental Health Department Last Reported Status: Not Supplied Types of Waste: Industrial, Commercial, Household, Special Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A7NW (SW)	775	3	520567 112548
153	<p>Local Authority Recorded Landfill Sites</p> <p>Location: South Of Mackley'S, Henfield Road, Small Dole Reference: 27/199 Authority: Horsham District Council, Environmental Health Department Last Reported Status: Not Supplied Types of Waste: Inert Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable</p>	A8SE (S)	798	3	521500 112200
153	<p>Local Authority Recorded Landfill Sites</p> <p>Location: South Of Mackleys, Henfield Road, Small Dole Reference: UB/21/61 Authority: West Sussex County Council, Environment & Development Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable</p>	A8SE (S)	798	6	521500 112200



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962</p>	A12NE (NW)	347	-	520922 113403
155	<p>Registered Landfill Sites</p> <p>Licence Holder: Viridor Waste Disposal Ltd Licence Reference: WSX/L1/0084/5 Site Location: Horton Landfill Site, Small Dole, Henfield, West Sussex, Bn5 9xj Licence Easting: 521000 Licence Northing: 112400 Operator Location: Peninsula House, Rydon Lane, EXETER, Devon, EX2 7HR Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Operational as far as is knownOperational Dated: 9th September 1991 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Animal & Food Processing Wastes Asbestos Cement Products Cellulose Wastes (Natural/Synth.) Contaminated Land Contaminated Rubbish/Bags/Sacks Dog Faeces From 'Poop-Scoop' Scheme House, Com + Ind.Waste Mineral Processing Wastes Polymeric Material, Products/Scrap Polyurethane Products/Scrap Scrap Rubber Sewage Treatment Waste Silt And Dredgings Slag, Boiler/Flue Cleanings Tyres Used Filter Materials Waste Treated Timber Prohibited Waste Animal Carcasses In Acc.With Maff Animal By-Products Order 1999 Cadmium & Its Compounds Carcinogenic/Mutagenic/Teratogenic Sub Clinical Wastes Cyanides Difficult Waste Not Listed Below Liquid Wastes Mercury & Its Compounds Organohalogen Cpds (Or Sub'S May Form) Organophosphorus Cmpds Organotin Cmpds Pressurized Containers > 1000 MI Pumpable Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Waste N.O.S.</p>	A8SW (SW)	664	2	521000 112400
156	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Waste Control Ltd Licence Reference: WSX/L1/0079/6 Site Location: Small Dole Landfill Site, Small Dole, Henfield, West Sussex, Bn5 9xj Licence Easting: 520700 Licence Northing: 112500 Operator Location: RMC House, High Street, Feltham, HOUNSLOW, Middlesex, TW13 4HA Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill - Sludge land farm Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Operational as far as is knownOperational Dated: 1st October 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Leachate From Small Dole L/Fill Site Prohibited Waste Waste N.O.S.</p>	A7NE (SW)	714	2	520700 112500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Containers Ltd Licence Reference: 3/AA/77 Site Location: Small Dole Site At Henfield Road, Horton Brooks, Small Dole, Henfield, West Sussex, Bn5 9xj Licence Easting: 520405 Licence Northing: 112705 Operator Location: Delamere Road, Cheshunt, WALTHAM CROSS, Hertfordshire, EN8 9SJ Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 1st March 1993 Preceded By: Not Given Licence: Superseded By: WSX/L1/0089/10 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Earth Empty Used Containers Plasterboard Rubble, Concrete Steel/Iron Wood & Similar Prohibited Waste Difficult Waste N.O.S. Liquid/Pumpable Sludges Paper Special Wastes</p>	A7NW (SW)	830	2	520405 112705
157	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Containers Ltd Licence Reference: 3/BJ/83 Site Location: Horton Brooks, Small Dole Reclamation Site, Small Dole, Henfield, West Sussex Licence Easting: 520405 Licence Northing: 112695 Operator Location: Delamere Road, Cheshunt, WALTHAM CROSS, Hertfordshire, EN8 9SJ Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1987 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Earth Empty Used Containers Other Similar Waste From Constr'N/Dem. Plasterboard Rubble, Concrete Scrap Metal (1 Skip For Transfer) Wood Prohibited Waste Difficult Wastes Liquid Wastes Pumpable Sludges Special Wastes Waste Ex Prem. Using Chem/Haz. Mat'ls Wastes From Gasworks Wastes From Old Tips Environment Agency Waste N.O.S. must give specific authorisation for this waste to be acceptedWaste requires prior approval</p>	A7NW (SW)	834	2	520405 112695



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Containers Ltd Licence Reference: WSX/L1/0089/10 Site Location: Small Dole Site At Henfield Road, Horton Brooks, Small Dole, Henfield, West Sussex, Bn5 9xj</p> <p>Licence Easting: 520400 Licence Northing: 112705 Operator Location: Delamere Road, Cheshunt, WALTHAM CROSS, Hertfordshire, EN8 9SJ Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 1st April 1994 Preceded By: 3/AA/77 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Brickwork, Mortar Ceramic, Mica, Abrasives Concrete Reacted (Inc. Steel Reinf.) Excav. Road Metal (Road Planings) Glass, Pottery, China, Enamel Max. Waste Permitted By Licence Sand, Silica, Top/Subsoil, Clay, Flint Stone, Gravel, Nat. Occ. Rocks, Soil</p> <p>Prohibited Waste Contaminated Mat'Ls As In List 1 Organohalogens Organophosphorus Cmpds Organotin Cmpds Spec. Waste (Epa'90:S62/1996 Regs) W. Likely To Pollute Environment N.O.S W. With Pot'L Harm Human Health N.O.S Waste Fr. Old Tips, Gas Works Waste Fr. Prev. Used Chems/Haz. Mat'Ls Waste N.O.S. Waste With Ph < 6 Waste With Ph > 7</p>	A7NW (SW)	835	2	520400 112705
157	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Containers Ltd Licence Reference: 3/AS/79 Site Location: Horton Brooks, Small Dole Reclamation Site, Small Dole, Henfield, West Sussex</p> <p>Licence Easting: 520400 Licence Northing: 112700 Operator Location: Delamere Road, Cheshunt, WALTHAM CROSS, Hertfordshire, EN8 9SJ Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Record superseded Dated: 16th March 1980 Preceded By: 3/AA/77 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Carbon, Graphite Construction And Demolition Wastes Excavated Natural Materials \$ Foundry Sand Incinerator Residues Road Making Materials Sands, Silica Spent Fuel / Coke Dust</p> <p>Prohibited Waste Contaminated Rubble</p>	A7NW (SW)	837	2	520400 112700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Containers Ltd Licence Reference: 3/AA/77 Site Location: Horton Brooks, Small Dole Reclamation Site, Small Dole, Henfield, West Sussex Licence Easting: 520400 Licence Northing: 112700 Operator Location: Delamere Road, Cheshunt, WALTHAM CROSS, Hertfordshire, EN8 9SJ Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 14th December 1978 Preceded By: Not Given Licence: Superseded By: 3/AS/79 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Boiler Scale Carbon, Graphite Carcasses And Flesh Cellulose Wastes (Natural/Synth.) Cement Waste Ceramic Waste Concrete Waste Constr'N/Demol. Inert/Non-Haz/Non-Tox Cork Electrical Goods/Tvs/Whiteware Excavated Natural Materials \$ Food Processing Wastes/Starch Food Waste Foundry Sand Furnace/Shot Blast Waste Garden/Horticultural Waste Glass/Cullet Household + Commercial Waste Incinerator Residues Inert Non-Soluble Waste Iron Oxide/Hydroxide Laundering/Dry Cleaning Waste Metal Finishing Waste Metal Scrap Mica, Abrasives Paper/Cardboard Waste Plasterboard/Plaster Polymeric Material, Products/Scrap Pottery Making Waste Road Making Materials Sands, Silica Scrap Rubber (Including Tyres) Slag, Boiler/Flue Cleanings Soap Spent Fuel / Coke Dust Textiles, Rag,Wool,Cloth,Hessian Etc Timber And Other Organic Material Used Filter Materials \$ Vegetable Matter Water Treatment Wastes Environment Agency Notifiable Wastes must give specific authorisation for this waste to be acceptedWaste requires prior approval</p>	A7NW (SW)	837	2	520400 112700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<p>Registered Landfill Sites</p> <p>Licence Holder: Hales Containers Ltd Licence Reference: 3/AA/77 Site Location: Small Dole Site At Henfield Road, Horton Brooks, Small Dole, Henfield, West Sussex, Bn5 9xj Licence Easting: 520400 Licence Northing: 112695 Operator Location: Delamere Road, Cheshunt, WALTHAM CROSS, Hertfordshire, EN8 9SJ Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 10th March 1980 Preceded By: Not Given Licence: Superseded By: 3/AS/79 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Boiler Scale Carbon, Graphite Carcasses And Flesh Cellulose Wastes (Natural/Synth.) Cement Waste Ceramic Waste Concrete Waste Constr'N/Demol. Inert/Non-Haz/Non-Tox Cork Electrical Goods/Tvs/Whiteware Excavated Natural Materials \$ Food Processing Wastes/Starch Food Waste Foundry Sand Furnace/Shot Blast Waste Garden/Horticultural Waste Glass/Cullet Household + Commercial Waste Incinerator Residues Inert Non-Soluble Waste Iron Oxide, Hydroxide Laundering/Dry Cleaning Waste Metal Finishing Waste Metal Scrap Mica, Abrasives Paper/Cardboard Waste Plasterboard/Plaster Polymeric Material, Products/Scrap Pottery Making Waste Road Making Materials Sands, Silica Scrap Rubber (Including Tyres) Slag, Boiler/Flue Cleanings Soap Spent Fuel / Coke Dust Textiles, Rag,Wool,Cloth,Hessian Etc Timber And Other Organic Material Used Filter Materials \$ Vegetable Matter Water Treatment Wastes Environment Agency Asbestos must give specific authorisation for this waste to be acceptedWaste requires prior approval Interceptor Pit Wastes \$ Notifiable Wastes Pharmaceutical/Cosmetic Products Waste N.O.S Water (Contaminated)</p>	A7NW (SW)	839	2	520400 112695



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lower Greensand Group	A13SE (N)	0	1	521316 113116
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	0	1	521310 113037
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	0	1	521310 113199
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (N)	0	1	521316 113116
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (S)	248	1	521222 112776
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NE (SE)	604	1	522003 112789
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	639	1	522086 113275



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NW (SW)	679	1	520534 112789
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NE (N)	688	1	521482 113927
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	715	1	522000 112562
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	729	1	521308 114000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NE (N)	730	1	521316 114000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (W)	844	1	520393 113411



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (S)	895	1	521411 112100
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (S)	966	1	521000 112089
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (S)	984	1	521577 112022
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (S)	998	1	521500 112000
158	BGS Recorded Mineral Sites Site Name: Horton Clay Pit Location: Small Dole, Henfield, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 202557 Type: Opencast Status: Ceased Operator: Viridor Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Gault Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	495	1	521035 112565
159	BGS Recorded Mineral Sites Site Name: Horton Clay Pit Location: Small Dole, Henfield, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 4616 Type: Opencast Status: Ceased Operator: Viridor Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Gault Formation (Gault Clay) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	825	1	520740 112335
	BGS Measured Urban Soil Chemistry No data available				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	56	1	521329 113322
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	4	1	521307 113006
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	4	1	521307 113006
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	4	1	521307 113006
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	170	1	521193 113422
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	204	1	521596 112876
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	248	1	521222 112776
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	521310 113037
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	52	1	521310 112966
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	56	1	521329 113322
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	176	1	521195 112845
	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	A13SE (N)	0	1	521316 113116



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A13SE (N)	0	1	521316 113116



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	<p>Contemporary Trade Directory Entries</p> <p>Name: A C T Pest Control Location: 10, Tottington Drive, Small Dole, HENFIELD, West Sussex, BN5 9XY Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	81	-	521506 112960
161	<p>Contemporary Trade Directory Entries</p> <p>Name: Vet Diagnostics Location: Victoria House, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XE Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	103	-	521446 112894
162	<p>Contemporary Trade Directory Entries</p> <p>Name: Mr Ovenkleen Location: 27, Downsview, Small Dole, Henfield, West Sussex, BN5 9YB Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	131	-	521578 113221
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Elite Property Services Ltd Location: Unit 9C Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XH Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (S)	202	-	521412 112794
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Oscar Pet Foods Location: 6, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XE Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	236	-	521398 112762
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Trans 4 Mations Location: Central Garage, Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	241	-	521407 112756
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Ionic Instruments Ltd Location: c, Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XE Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (S)	242	-	521418 112754
164	<p>Contemporary Trade Directory Entries</p> <p>Name: Arnold Lorrimer Location: New Hall Farm Barn, New Hall Lane, Small Dole, Henfield, West Sussex, BN5 9YJ Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	338	-	520897 113327
165	<p>Contemporary Trade Directory Entries</p> <p>Name: D C Autopaints Location: Unit 1a, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	345	-	521489 112655
165	<p>Contemporary Trade Directory Entries</p> <p>Name: D C Coachworks Location: Mackley Ind Est, Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XE Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A8NE (S)	345	-	521489 112655
165	<p>Contemporary Trade Directory Entries</p> <p>Name: Trade Furniture Location: Unit 1, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Furniture - Reproduction Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	351	-	521452 112645



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	<p>Contemporary Trade Directory Entries</p> <p>Name: T B Merchants Ltd Location: Unit Z1, Mackley Ind Est, Small Dole, Henfield, West Sussex, BN5 9XG Classification: Do It Yourself Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	378	-	521488 112622
166	<p>Contemporary Trade Directory Entries</p> <p>Name: E M R Brighton Ltd Location: Unit Z2, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Electric Motor Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	391	-	521505 112612
166	<p>Contemporary Trade Directory Entries</p> <p>Name: Mile Oak Services Location: Unit Z6, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	406	-	521499 112595
166	<p>Contemporary Trade Directory Entries</p> <p>Name: Environmental Tyres Location: Unit 6-9, Mackley Ind Est, Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Tyre Disposal Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A8NE (S)	415	-	521456 112581
166	<p>Contemporary Trade Directory Entries</p> <p>Name: Keystone Concepts Ltd Location: UNIT 5, MACKLEY INDUSTRIAL ESTATE, HENFIELD ROAD, SMALL DOLE, BN5 9XR Classification: Cabinet Makers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	428	-	521483 112571
166	<p>Contemporary Trade Directory Entries</p> <p>Name: The Raw Chocolate Company Location: Unit 3, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Confectionery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	434	-	521496 112566
166	<p>Contemporary Trade Directory Entries</p> <p>Name: Fortissimo Chocolates Location: Unit 3, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Confectionery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	434	-	521496 112566
166	<p>Contemporary Trade Directory Entries</p> <p>Name: Conscious Chocolate Location: UNIT 3, MACKLEY INDUSTRIAL ESTATE, HENFIELD ROAD, SMALL DOLE, BN5 9XR Classification: Confectionery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	434	-	521496 112566
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Heritage Coaches Location: Unit 44-48, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	409	-	521593 112620
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Marshall Cabinets Location: Unit 45 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Cabinet Makers Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A8NE (SE)	412	-	521593 112616



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Carroll Manufacturing Ltd Location: Unit 51-52, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	419	-	521546 112593
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Doughboy Location: Unit 41, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Swimming Pool Contractors, Repairers & Service Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	429	-	521592 112597
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Foto Store Ltd Location: Unit 50, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Photographic Equipment & Supplies - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	440	-	521544 112570
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Shone Ltd Trading As Boutique Caravans Location: Unit 50, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	440	-	521544 112570
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Pork Farms Bowyers Location: Unit 40, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	444	-	521590 112581
167	<p>Contemporary Trade Directory Entries</p> <p>Name: Wood Works Brighton Location: Unit 40, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	449	-	521591 112576
167	<p>Contemporary Trade Directory Entries</p> <p>Name: The Workshop Location: Unit 40, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	449	-	521591 112576
168	<p>Contemporary Trade Directory Entries</p> <p>Name: Fish Bros Location: Oxcroft Farm, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XE Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	425	-	521332 112583
169	<p>Contemporary Trade Directory Entries</p> <p>Name: Dent Magician Ltd Location: Unit 38, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	427	-	521658 112634
169	<p>Contemporary Trade Directory Entries</p> <p>Name: Dent Magician Ltd Location: Unit 38, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	427	-	521658 112634



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	<p>Contemporary Trade Directory Entries</p> <p>Name: Dent Magician Ltd Location: Unit 38, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	427	-	521658 112634
169	<p>Contemporary Trade Directory Entries</p> <p>Name: Motors Direct Location: Unit 37 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Electric Motor Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	444	-	521656 112612
169	<p>Contemporary Trade Directory Entries</p> <p>Name: Duplex Engineering Location: Unit 23, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	445	-	521656 112611
170	<p>Contemporary Trade Directory Entries</p> <p>Name: Van Oord Location: Bankside House, Henfield Road, Small Dole, Henfield, BN5 9XQ Classification: Marine Engineering Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	452	-	521403 112545
170	<p>Contemporary Trade Directory Entries</p> <p>Name: J Thomas (Southern) Ltd Location: Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XQ Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	452	-	521392 112545
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Graphic Art Services Location: 81-82, Mackley Ind Est, Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Printers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (SE)	468	-	521558 112545
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Keystone Concepts Ltd Location: Unit 5, Mackley Ind Est, Henfield Rd, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Cabinet Makers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	489	-	521544 112520
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Think Promote Ltd Location: Unit 20, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	489	-	521544 112520
171	<p>Contemporary Trade Directory Entries</p> <p>Name: P K Commercial Tyres Ltd Location: Unit 20, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	489	-	521544 112520
171	<p>Contemporary Trade Directory Entries</p> <p>Name: C T Moulds Ltd Location: Unit 25/26, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	496	-	521588 112525



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	<p>Contemporary Trade Directory Entries</p> <p>Name: R & G Products Location: Unit 27-28, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	498	-	521609 112530
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Beads Unlimited Location: Unit 25-26 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Jewellery Manufacturers & Repairers Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A8NE (SE)	501	-	521594 112522
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Serene Paints Location: Unit 21, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Paint Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	503	-	521550 112507
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Stoba Prazisionstechnik Uk Ltd Location: Unit Z1 The Old Sawmill Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Machine Tools - Manufacturers & Distributors Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	503	-	521550 112507
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Body Workz Repairs Location: Unit 22, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	518	-	521558 112493
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Steyning Distribution Location: Unit 30, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	534	-	521607 112491
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Steyning Distribution Location: Unit 30, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	534	-	521607 112491
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Steyning Location: Unit 30, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	534	-	521607 112491
171	<p>Contemporary Trade Directory Entries</p> <p>Name: The Limehouse Lamp Co Location: Unit 32, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Lighting Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	535	-	521624 112496
172	<p>Contemporary Trade Directory Entries</p> <p>Name: A E Adams Location: Unit 4, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	495	-	521510 112507



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	<p>Contemporary Trade Directory Entries</p> <p>Name: Pilgrim Cars Location: Unit 11/14, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	512	-	521466 112485
173	<p>Contemporary Trade Directory Entries</p> <p>Name: Aerial & Handling Services Ltd Location: Unit 62, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Mechanical Handling Engineers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	543	-	521669 112507
173	<p>Contemporary Trade Directory Entries</p> <p>Name: Millson Location: Unit 31, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	547	-	521613 112479
173	<p>Contemporary Trade Directory Entries</p> <p>Name: A M P Services Location: UNIT 33, MACKLEY INDUSTRIAL ESTATE, HENFIELD ROAD, SMALL DOLE, BN5 9XR Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	547	-	521627 112485
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Carringworth Ltd Location: Unit 76, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	677	-	521495 112322
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Evonprint Location: Unit 80-83, Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	711	-	521485 112286
175	<p>Contemporary Trade Directory Entries</p> <p>Name: Kustom Revival Location: Unit 80, Mackley Industrial Estate, Henfield Road, Small Dole, BN5 9XR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	711	-	521448 112284
176	<p>Contemporary Trade Directory Entries</p> <p>Name: Barnhurst Ironworks Location: Millbrook, Horn Lane, Woodmancote, Henfield, West Sussex, BN5 9SA Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	793	-	521912 113822
176	<p>Contemporary Trade Directory Entries</p> <p>Name: Shoreclean Ltd Location: Millbrook, Horn Lane, Woodmancote, HENFIELD, West Sussex, BN5 9SA Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	793	-	521912 113822
177	<p>Contemporary Trade Directory Entries</p> <p>Name: J J Reclamation Ltd Location: 5 Hillside Lane, Small Dole, Henfield, West Sussex, BN5 9XL Classification: Builders' Merchants Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A3NE (S)	876	-	521391 112120
178	<p>Contemporary Trade Directory Entries</p> <p>Name: Viridor Ltd Location: Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XJ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7SW (SW)	944	-	520559 112318



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	Contemporary Trade Directory Entries Name: We Mend Washing Machines Location: Oreham Place, Oreham Common, Henfield, West Sussex, BN5 9SB Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	955	-	522271 113669
180	Points of Interest - Commercial Services Name: A C T Pest Control Location: 10 Tottington Drive, Small Dole, BN5 9XY Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SE (SE)	81	7	521504 112957
181	Points of Interest - Commercial Services Name: Fastline Autoglazing Location: Unit 1a Mackley Industrial Estate, Henfield Road, Small Dole, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	344	7	521487 112656
181	Points of Interest - Commercial Services Name: D C Autopaints Location: Unit 1a Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	345	7	521489 112655
181	Points of Interest - Commercial Services Name: D C Coachworks Location: Unit 1 A Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	345	7	521489 112655
181	Points of Interest - Commercial Services Name: Mile Oak Services Location: Unit Z2b Mackley Industrial Estate, Henfield Road, Small Dole, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	407	7	521499 112594
181	Points of Interest - Commercial Services Name: Mile Oak Location: Unit Z6 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	408	7	521508 112595
182	Points of Interest - Commercial Services Name: Frosts Cars Ltd Location: Unit 44-48 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	409	7	521593 112620
182	Points of Interest - Commercial Services Name: Fix Auto Brighton Location: Unit 44-48 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	409	7	521593 112620
182	Points of Interest - Commercial Services Name: Dent Magician Location: Unit 38 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	427	7	521658 112634
183	Points of Interest - Commercial Services Name: Fish Bros Haulage Contractors Location: Oxcroft Farm, Henfield Road, Small Dole, Henfield, BN5 9XE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	425	7	521332 112583



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	Points of Interest - Commercial Services Name: Fish Bros Location: Oxcroft Farm, Henfield Road, Small Dole, Henfield, BN5 9XE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	425	7	521332 112583
183	Points of Interest - Commercial Services Name: Fish Bros Ltd Location: Oxcroft Farm, Henfield Road, Small Dole, Henfield, BN5 9XE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	425	7	521332 112583
183	Points of Interest - Commercial Services Name: Frosts Cars Ltd Location: Henfield Road, Small Dole, Henfield, BN5 9XQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	452	7	521392 112545
184	Points of Interest - Commercial Services Name: Bodyworkz Location: Unit 22 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	518	7	521558 112493
184	Points of Interest - Commercial Services Name: Body Workz Repairs Ltd Location: Unit 22 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	518	7	521558 112493
184	Points of Interest - Commercial Services Name: Steyning Location: Unit 30 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (SE)	534	7	521607 112491
184	Points of Interest - Commercial Services Name: Steyning Location: Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, West Sussex, BN5 9XR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (SE)	535	7	521607 112490
185	Points of Interest - Commercial Services Name: Pilgrim Motorsports Location: Unit 12-14 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	528	7	521467 112469
186	Points of Interest - Commercial Services Name: Kustom Revival Location: Unit 80 Mackley Industrial Estate, Henfield Road, Small Dole, BN5 9XR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SE (S)	712	7	521447 112284
187	Points of Interest - Commercial Services Name: Steve Bray Location: Millbrook Farm, Horn Lane, Woodmancote, Henfield, BN5 9SA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	793	7	521912 113822
188	Points of Interest - Manufacturing and Production Name: J R Griffiths Location: Sands Farm House, Tottington Drive, Small Dole, Henfield, BN5 9XZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14SW (E)	268	7	521713 112990



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	Points of Interest - Manufacturing and Production Name: J R Griffiths Location: Sands Farm House, Tottington Drive, Small Dole, Henfield, BN5 9XZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14SW (E)	268	7	521713 112990
189	Points of Interest - Manufacturing and Production Name: Mackley's Industrial Estate Location: BN5 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	463	7	521534 112544
189	Points of Interest - Manufacturing and Production Name: Mackley's Industrial Estate Location: BN5 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	465	7	521534 112542
190	Points of Interest - Manufacturing and Production Name: Tank Location: BN5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	847	7	521979 113839
191	Points of Interest - Manufacturing and Production Name: Horton Landfill Site - Landfill Gas (BEIS) Location: Horton Landfill Site, Henfield Road, Small Dole, Henfield, BN5 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A7SW (SW)	924	7	520500 112400
192	Points of Interest - Public Infrastructure Name: Heritage Coaches Location: Unit 44-48 Mackley Industrial Estate, Henfield Road, Small Dole, Henfield, BN5 9XR Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A8NE (SE)	409	7	521603 112624
193	Points of Interest - Public Infrastructure Name: Sewage Works Location: BN5 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	493	7	521538 113686
193	Points of Interest - Public Infrastructure Name: Sewage Works Location: BN5 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	505	7	521583 113670
194	Points of Interest - Public Infrastructure Name: Landfill Site Location: BN5 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	569	7	521121 112469
195	Points of Interest - Public Infrastructure Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	613	7	521798 113682
195	Points of Interest - Public Infrastructure Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	615	7	521801 113683
195	Points of Interest - Public Infrastructure Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	675	7	521850 113722



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	<p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A19SW (NE)	682	7	521851 113729
196	<p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A18NW (N)	666	7	521170 113929
196	<p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A18NW (N)	666	7	521176 113930
197	<p>Points of Interest - Public Infrastructure</p> <p>Name: Landfill Site Location: BN5 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location</p>	A7SE (SW)	686	7	520847 112434
198	<p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A11SE (W)	922	7	520242 113086
198	<p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: BN5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A11SE (W)	931	7	520233 113082
199	<p>Points of Interest - Public Infrastructure</p> <p>Name: Viridor Waste Management Ltd Location: Henfield Road, Small Dole, Henfield, BN5 9XJ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location</p>	A7SW (SW)	944	7	520559 112318
199	<p>Points of Interest - Public Infrastructure</p> <p>Name: Viridor Ltd Location: Henfield Road, Small Dole, Henfield, BN5 9XJ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location</p>	A7SW (SW)	944	7	520559 112318
200	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A14SW (E)	208	7	521660 113044
200	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: Wood Lane, BN5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location</p>	A14SW (E)	212	7	521664 113046
201	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Skatepark Location: BN5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A8NE (SE)	309	7	521509 112696



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	Ancient Woodland Name: Not Supplied Reference: 1478829 Area(m ²): 150232.36 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	221	8	521562 112818
203	Ancient Woodland Name: Not Supplied Reference: 1478999 Area(m ²): 97725.91 Type: Ancient and Semi-Natural Woodland	A14NW (E)	228	8	521676 113230
204	Ancient Woodland Name: Not Supplied Reference: 1478824 Area(m ²): 23306.28 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	352	8	520902 112806
205	Ancient Woodland Name: Not Supplied Reference: 1478825 Area(m ²): 4924.57 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	405	8	521670 112668
206	Ancient Woodland Name: Not Supplied Reference: 1478827 Area(m ²): 11671.12 Type: Ancient and Semi-Natural Woodland	A8NE (S)	543	8	521556 112467
207	Ancient Woodland Name: Flashetts Wood Reference: 1478828 Area(m ²): 45793.55 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	777	8	522142 112674
208	Ancient Woodland Name: Longlands Wood Reference: 1479000 Area(m ²): 168965.95 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	859	8	521912 112284
209	Ancient Woodland Name: Not Supplied Reference: 1478826 Area(m ²): 2414.11 Type: Ancient and Semi-Natural Woodland	A4NW (S)	986	8	521706 112049
210	Local Nature Reserves Name: Tottington Wood Multiple Area: N Area (m2): 50700.05 Source: Natural England Designation Date: 1st January 1992	A13SE (SE)	221	8	521562 112818
211	National Parks Name: South Downs Multiple Area: N Area (m2): 1652679314.3 Source: Natural England Status: Fully Designated - designated as a National Park Designation Date: 2nd November 2009	A14SW (E)	220	8	521677 113114
212	Sites of Special Scientific Interest Name: Horton Clay Pit Multiple Areas: N Total Area (m2): 3505.24 Source: Natural England Reference: 1000590 Designation Details: Site Of Special Scientific Interest Designation Date: 25th November 1991 Date Type: Notified	A8NW (S)	442	8	521245 112580



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Adur District Council - Environmental Health Department Horsham District Council - Environmental Health Department Environment Agency - Head Office Mid Sussex District Council - Environmental Services Section Brighton & Hove City Council - Environmental Health Department	December 2019 February 2015 June 2020 October 2017 September 2017	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	July 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	January 2023 January 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Brighton & Hove City Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department Adur District Council - Environmental Health Department	August 2015 December 2020 June 2015 November 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Brighton & Hove City Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department Adur District Council - Environmental Health Department	August 2015 December 2020 June 2015 November 2014	Not Applicable Annual Rolling Update Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements Brighton & Hove City Council - Environmental Health Department Horsham District Council - Environmental Health Department Adur District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section	August 2015 June 2015 November 2014 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2023	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances Environment Agency - Southern Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2023 July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly Quarterly



Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - Southern Region	April 2023	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	July 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified



Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2023 July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Adur District Council Brighton & Hove City Council - Environmental Health Department Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Adur District Council Brighton & Hove City Council - Environmental Health Department Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	June 2015 June 2015 June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Brighton & Hove City Council Mid Sussex District Council Horsham District Council - Planning Department Adur District Council West Sussex County Council - Environment & Development	February 2016 January 2016 July 2023 June 2023 October 2006	Variable Variable Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department Adur District Council Brighton & Hove City Council Mid Sussex District Council West Sussex County Council - Environment & Development	August 2015 February 2016 February 2016 January 2016 October 2006	Variable Variable Variable Variable Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually



Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	September 2023	Quarterly
Points of Interest - Education and Health PointX	September 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2023	Quarterly
Points of Interest - Public Infrastructure PointX	September 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually



Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Adur District Council Brighton & Hove City Council Horsham District Council - Planning Department Mid Sussex District Council South Downs National Park	August 2023 August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Adur District Council Brighton & Hove City Council Horsham District Council - Planning Department Mid Sussex District Council South Downs National Park	August 2023 August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	August 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	October 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2023	Bi-Annually
Special Protection Areas Natural England	April 2023	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	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
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.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	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	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.



Geo-Environmental 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

MR J Tingley, Geo Environmental Services Ltd, Unit 7
Danworth Farm, Cuckfield Road, Hurstpierpoint, West
Sussex, BN6 9GL

Order Details

Order Number: 321564727_1_1
Customer Ref: GE22017
National Grid Reference: 521320, 113110
Site Area (Ha): 5.13
Search Buffer (m): 1000

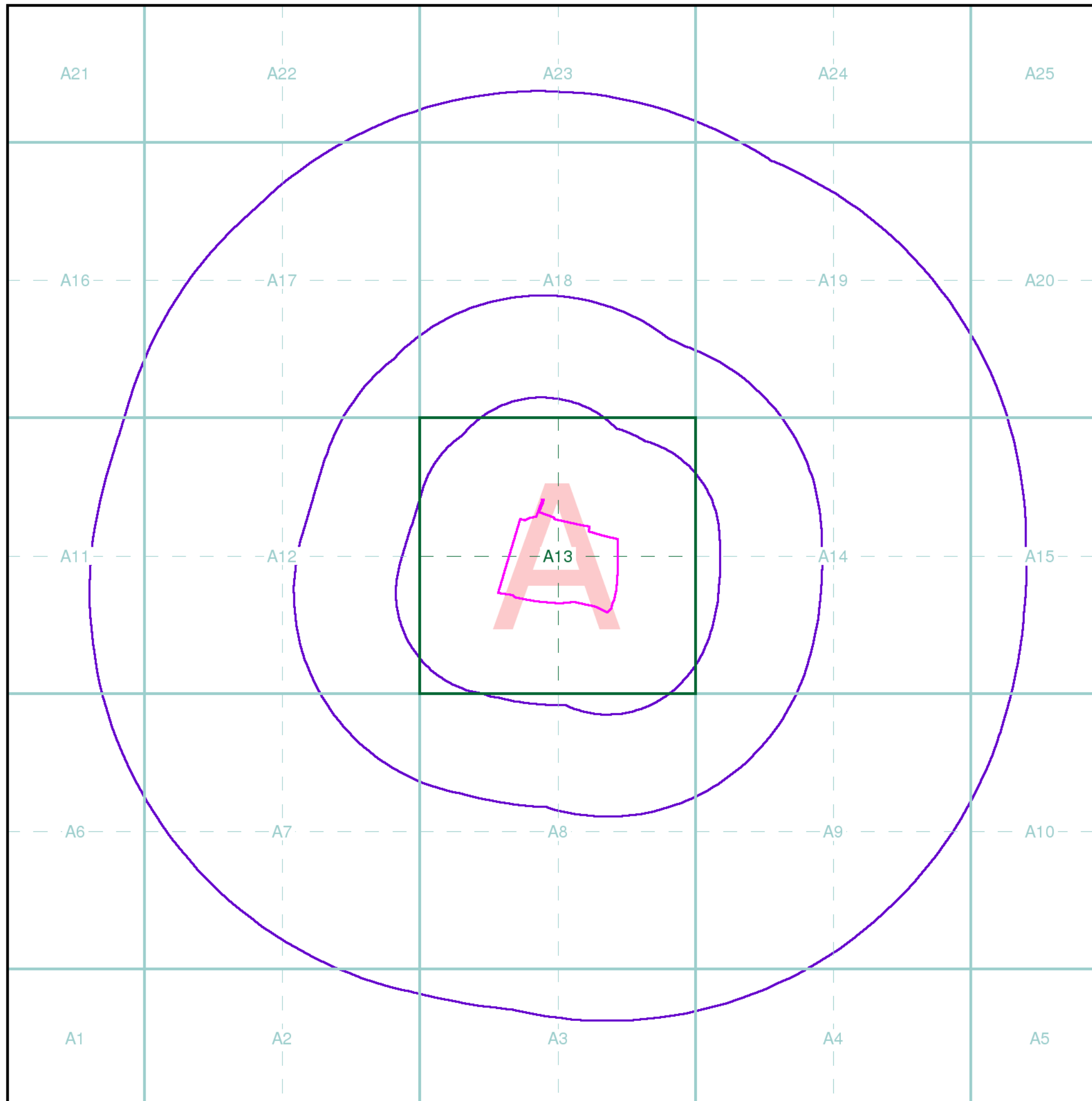
Site Details

Land off, Shoreham Road, Small Dole, West Sussex

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



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





Geo-Environmental

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

321564727_1_1

Customer Reference:

GE22017

National Grid Reference:

521320, 113120

Slice:

A

Site Area (Ha):

5.13

Search Buffer (m):

1000

Site Details:

Land off
Shoreham Road
Small Dole
West Sussex

Client Details:

MR J Tingley
Geo Environmental Services Ltd
Unit 7 Danworth Farm
Cuckfield Road
Hurstpierpoint
West Sussex
BN6 9GL



Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	-
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	2
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	3
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	4
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	5
Data Suppliers	6
Useful Contacts	7

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1			1	1
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 1	Yes	Yes	n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying	pg 2			1	
Heap, unknown constituents	pg 2				1
Mineral Railway	pg 2				1
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 2				3
Former Marshes					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 2			1	
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 3	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 3	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Salt Mining Related Features					



Geo-Environmental

Report Version v53.0

Summary



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Horton Clay Pit Location: Small Dole, Henfield, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 202557 Type: Opencast Status: Ceased Operator: Viridor Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Gault Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	495	1	521035 112565
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Horton Clay Pit Location: Small Dole, Henfield, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 4616 Type: Opencast Status: Ceased Operator: Viridor Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Gault Formation (Gault Clay) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	825	1	520740 112335
	<p>Coal Mining Affected Areas</p> <p>In an area which may not be affected by coal mining</p>				
	<p>Non Coal Mining Areas of Great Britain</p> <p>Risk: Rare Source: British Geological Survey, National Geoscience Information Service</p>	A13SE (N)	0	1	521316 113116
	<p>Non Coal Mining Areas of Great Britain</p> <p>Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (N)	56	1	521329 113322



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	General Quarrying Use: Not Supplied Date of Mapping: 1976	A8NW (S)	356	-	521177 112674
4	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1962 - 1976	A8SW (S)	664	-	521164 112365
5	Mineral Railway Use: Not Supplied Date of Mapping: 1912	A7SW (SW)	994	-	520412 112392
6	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1962	A7SE (SW)	690	-	520912 112400
7	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1962	A7SE (SW)	765	-	520955 112307
8	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1912	A7SW (SW)	934	-	520533 112354
9	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A12NE (NW)	347	-	520922 113403



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
10	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	4	1	521307 113006
11	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	4	1	521307 113006
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
12	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
13	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
14	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	4	1	521307 113006
15	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	204	1	521596 112876
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	170	1	521193 113422
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	248	1	521222 112776
16	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	521310 113037
17	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	56	1	521329 113322
18	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	176	1	521195 112845
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	521316 113116
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	52	1	521310 112966



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

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	TQ2012	1957
Ordnance Survey Plan	TQ2013	1957
Ordnance Survey Plan	TQ2112	1957
Ordnance Survey Plan	TQ2113	1958

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








1:10,560	Mapsheet	Published Date
Sussex	052_00	1879
Sussex	052_NW	1899
Sussex	052_NW	1912
Ordnance Survey Plan	TQ11SE	1961
Ordnance Survey Plan	TQ21SW	1962
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	TQ21SW	1976
Ordnance Survey Plan	TQ11SE	1993



Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2022	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2022	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

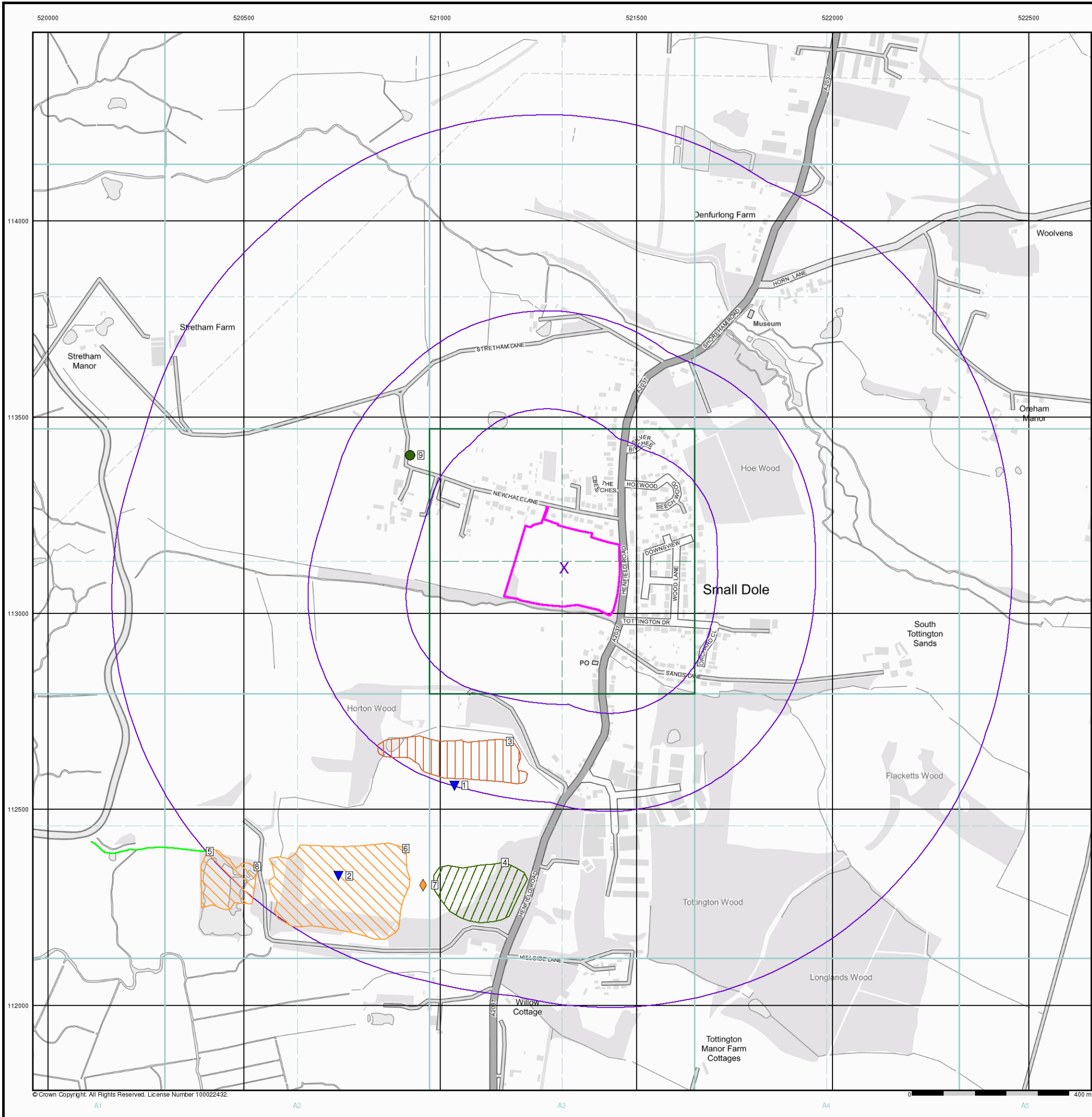


A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	 wardell armstrong <i>your earth our world</i>
Johnson Poole & Bloomer	



Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	Landmark Information Group Limited 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



Geo-Environmental Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

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

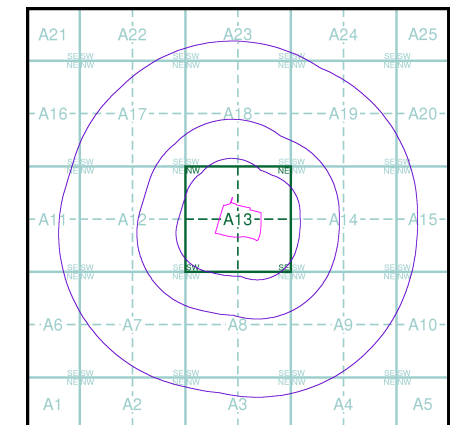
Historical Land Use

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

Mining Data

- ▭ Potential Mining Area
- ▼ BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

Order Number: 321564727_1_1
 Customer Ref: GE22017
 National Grid Reference: 521320, 113120
 Slice: A
 Site Area (Ha): 5.13
 Search Buffer (m): 1000

Site Details

Land off, Shoreham Road, Small Dole, West Sussex