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PHASE 1: ENVIRONMENTAL RISK ASSESSMENT

Land at Lower Horsebridge,
Hailsham

FOR

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CONSULTING ENGINEERS

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REPORT REVISED (response to significant changes in client requirements, methods of work etc).

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Trading Terms

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Context

This report is written in the context of an agreed scope of work between Constructive Evaluation Limited and the Client and should not be used in a different context. In light of additional information becoming available, improved practices and changes in legislation amendment or re-interpretation of the report in whole or part may be necessary after its original submission.

Professional Interpretation

The recommendations made and opinions expressed in the report are based on the conditions revealed by the site works together with an assessment of the data from the insitu and laboratory testing or in respect of the desktop reports. No responsibility can be accepted for conditions that have not been revealed by the research, site works and testing.

The Client is advised that the conditions observed on site by Constructive Evaluation Limited at the time of any site survey may be subject to change. Certain indicators of the presence of hazardous substances may have been latent at the time of the most recent site reconnaissance and they may subsequently have become evident. It is not possible to assess areas which are inaccessible or where access is not granted and CE accept no liability for risks subsequently identified therein.

The conceptual model, Risk assessment and sampling regime has been formulated in accordance with current UK guidance at time of production based upon the relevant information gained from Phase 1 and Phase 2 investigations. While the model and assessment offer opinions and interpretations of these guidelines, the comments made are for guidance only and no liability can be accepted for their accuracy. It is possible that aspects of desktop study may need to be altered to conform to the requirements of the statutory regulatory bodies.

Intrusive Field Operations

The data collected through direct operations in the production of this report has been so obtained, unless directly otherwise stated, in accordance with current UK guidance, law or accepted industry practice, including but not limited to: BS.5930: 1990 Code of Practice for Site Investigations (Amendment 2: 2010), & BS.10175: 2011 + A1: 2013 Investigations into Potentially Contaminated Sites. Exact exploratory locations will depend upon access conditions, site use and plant capability, CE do not accept liability for issues arising from material identified between or outside of the area of exploratory locations.

Laboratory Testing

Unless stated otherwise within the text, all geotechnical and material laboratory tests have been performed in accordance with the relevant British Standard Documents. Laboratory testing for contaminated land assessment is completed under the UKAS / MCERTS accreditation schemes, unless identified as otherwise in the report.

Human Health Risk Assessment Criteria

The Environment Agency has recently undertaken revision of the Soil Guideline Values (SGVs) which are partially complete. Where standards are available using the "new" approach, these have been utilised for correlative purposes. Where standards have not yet been revised, guidance following the "old" approach has been utilised. Please note that upon release of the remaining guidelines, the standards contained within this report may be subject to change. In addition, the second edition of the LQM CIEH guidance has now been released and will be utilised in favour of previously published guideline values.

Third Parties

The findings and opinions conveyed in this report are based on information obtained from a variety of sources, including that from previous Site investigations and chemical testing laboratories. Constructive Evaluation Limited has assumed that such information is correct. Constructive Evaluation Limited cannot and does not guarantee the authenticity or reliability of the information it has relied upon and can accept no responsibility for inaccuracies with the data supplied by other parties.

The accuracy of the historical map extracts supplied cannot be guaranteed and it should be noted that different conditions may have existed between mapping sheet editions. Therefore, there can be no certainty that all areas of contamination have been identified during the Phase 1 investigation.

Definitions

Reference to the word "contamination" in this report does not relate to the statutory definition of contaminated land under 1990 Environmental Protection Act unless otherwise stated. The definition used in this report is: "Land that contains substances that, when present in sufficient quantities or concentrations, are likely to cause harm, directly or indirectly, to man, to the environment, or on occasion to other targets" (NATO CCMS, 1985).

1.0 INTRODUCTION

Constructive Evaluation (CE) Limited were instructed by Kirksaunders to carry out a 'Phase 1: Environmental Risk Assessment' at land at Lower Horsebridge, Hailsham, East Sussex, BN27 4DL (hereafter referred to as the "site").

The site comprises a field bounded by hedgerows and dense vegetation, with the exception of wooden post fencing at the northern boundary. The ground surface entirely comprises soft-standing.

Proposals include a residential development with an estimated 12no. dwellings, complete with associated infrastructure and private gardens. The development is confined to the eastern half of site, leaving the western areas to be left as an open space. It is unknown if this open space is to be accessible to the public.

The proposed development area is classified as only part of the Phase 1 study site, confined to the eastern half. The entire site (within the red line boundary detailed in **Appendix A**) has been considered for the compilation of this report.

Existing site plans and proposed site plans can be viewed in **Appendix A**.

The client instructed CE to undertake a Phase 1: Environmental Risk Assessment to enable determination of the potential source – pathway – receptor linkages associated with the site and the surrounding environs in the current and historical context. This aids in the formulation of a suitable targeted Site Investigation in the future, if required.

The purpose of this Environmental Risk Assessment was to provide information on:

- The expected geology and hydrogeology;
- The development history and most recent uses of the site;
- Potential sources of contamination; and,
- To enable the development of a Preliminary Conceptual Site Model (CSM) and risk assessment.

This report presents assessment of historical Ordnance Survey maps and published geological and hydrogeological maps, as well as information from various sources such as Envirocheck.

The report has been formulated in accordance with BS10175:2011:2013+A1 *Investigations into Potentially Contaminated Sites – Code of Practice* and CLR11 – *Model Procedures for the Management of Land Contamination*, and from Planning Policy Statement (PPS) 23 – *Planning & Pollution Control*.

2.0 PHYSICAL SETTING

The following observations are taken from the Envirocheck report (**Appendix B**) and the British Geological Survey (BGS).

The site is located National Grid Reference (NGR) 557740, 111390 with an area of approximately 1.20 hectares (Ha).

2.1 Geology and Hydrogeology

The Geology of Britain Viewer (BGS, 2016) indicates the site is underlain by Superficial Deposits of River Terrace Deposits over Bedrock Geology of the Weald Clay Formation. The table below identifies the expected composition of the published strata and the associated aquifer classification.

Superficial Deposits	
Unit Name	River Terrace Deposits.
Geology Description	Sand and gravel, locally with lenses of silt, clay or peat.
Aquifer Class	Secondary (A) Aquifer.
Aquifer Description	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.

Bedrock / Solid Geology	
Unit Name	Weald Clay Formation.
Geology Description	Dark grey thinly-bedded mudstones (shales) and mudstones with subordinate siltstones, including calcareous sandstone, shelly limestones and clay ironstones.
Aquifer Class	Unproductive Aquifer.
Aquifer Description	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

Geological Hazards

The BGS has provided the available published Geological Hazard directory information for the study site. The information returned is displayed in the table below.

Process	Risk Level	BGS Description
Shrink swell clays.	Low.	Ground conditions predominantly medium plasticity.
Landslides.	Very Low.	Slope instability problems are unlikely to be present.
Collapsible ground.	Very Low.	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
Running sands.	Very Low.	Slight potential for running sand problems only possible if water table rises.
Compressible ground.	Negligible.	No indicators for compressible ground identified.
Ground dissolution of soluble rocks.	Negligible.	Significant soluble rocks are either not thought to be present, or are not prone to dissolution. Dissolution features are unlikely to be present.

Radon

The site is in a lower probability radon area as less than 1% of homes are above the action level.

2.2 Hydrology

Surface Water Features – The nearest surface water feature is located approximately 90m south of site, considered to be a drain as part of Cuckmere River.

Detailed River Network – There are thirty three records within 500m of the site, the closest is the aforementioned record located approximately 90m south. This is detailed as a Tertiary River considered to be a drain as part of Cuckmere River. The closest record of Cuckmere River (a Primary River) is located approximately 180m south of the site. The remaining records within 200m of the site are considered to be part of Cuckmere River, as drains or primary flow paths.

BGS Groundwater Flooding Susceptibility – There is limited potential for groundwater flooding to occur at the surface, as well as flooding of property situated below ground level on site.

Flooding – The site is located in areas of ‘flooding from rivers or sea without defences’, as well as areas of ‘extreme flooding from rivers or sea without defences’.

2.3 Controlled Waters

Groundwater Abstraction Licences – There are three records within 2000m of the site. The closest of these are two licences located approximately 1060m and 1080m north east of site for horticultural watering held by Neilsen Plants Ltd; as no permit end date has been supplied it is assumed that these licences are still active. The remaining record is located over 1900m east from site.

Surface Water Abstraction Licences – There are no records within 2000m of the site.

Potable Water Abstraction Licences – There are no records within 2000m of the site.

Source Protection Zones (SPZs) – There are no SPZs within 1000m of the site.

Groundwater Vulnerability and Soil Leaching Potential – On site is classified as having soils of intermediate leaching potential – soils which can possibly transmit a wide range of pollutants.

3.0 SITE CONDITIONS

3.1 Site Description

An Environmental Scientist from CE completed a walkover survey of the site on 22nd July 2016.

The site comprises a grassed field, bounded by hedgerows and dense vegetation on all boundaries, with the exception of wooden post fencing at the northern boundary. At the time of the walkover survey the site did not appear to be used for agricultural purposes and was absent of structures.

Access onto the site is from the northern edge, via The Kings Head public house car park through temporary metal fence panels. Vehicle access may be restricted due to a notable obstruction from disused equipment and/or rubbish, including window frames, timber beams and a domestic radiator. Adjacent to this area, by the site access, are approximately 30no. containers filled with what is considered to be used cooking oil.

Adjacent to the site access is an area of Made Ground (approximately 20m²) consisting of glass shards, brick and burnt wood. This is believed to be as a result from previous burning of waste materials/bonfire on site.

3.2 Surroundings

The surrounds are predominantly either residential or agricultural. To the north and east are residential dwellings and agricultural fields. Immediately to the south is an electricity sub-station, further from this are agricultural fields and Cuckmere River. A recreational field is located immediately west of the site.

Photographs relating to the observations made during the walkover can be viewed within **Appendix C**.

3.3 Potential Sources of Contamination – Walkover Survey

Potential Sources of Contamination Considered a Risk to the Site	
Feature	Location
Made Ground located at the northern parts of the site, close to the site access, as a result from previous burning of materials/bonfire.	On site.

4.0 SITE HISTORY AND HISTORICAL CONTAMINATIVE SOURCES

The following observations are made based on the available historical map extracts presented in **Appendix B** of which the most significant points have been discussed in relation to the site and surrounding environs.

Mapping Date	Observations
1877 - 1878	<p>The earliest available maps show the site to consist of two fields separated by a field boundary orientated north-south, as part of Lower Horsebridge (considered a hamlet). These fields are considered agricultural fields. A road runs along the northern and eastern perimeters, bending around the site.</p> <p>A river flows past the site in a northeast-southwest orientation approximately 100m south east; considered to be the present day Cuckmere River.</p> <p>The surrounds are predominantly agricultural and rural, with the presence of an extensive number of fields separated by field boundaries. Horsebridge Wood is located approximately 250m south east from the site. Upper Horsebridge is located approximately 500m east from site.</p>
1899	<p>The site remains unchanged.</p> <p>Tunbridge Wells & Polegate railway line is located approximately 500m east from the site, orientated in a north-south direction.</p> <p>The remaining surrounds are relatively unchanged.</p>
1910 - 1911	<p>The site remains unchanged.</p> <p>The surrounds remain relatively unchanged.</p> <p>Lack of 1:10,560 scale map information/data for the eastern surrounds.</p>
1932 - 1937	<p>The site remains unchanged.</p> <p>Lower Horsebridge has been developed to include additional residential properties, located approximately 100m west of the site. A nursery with a greenhouse is located approximately 50m east from the site.</p> <p>A plantation is located approximately 150m north east of the site. However, there is an inconsistency with the map data, which suggests at some point between 1932 and 1937 the plantation was removed.</p> <p>The surrounds remain relatively unchanged.</p> <p>Lack of 1:10,560 scale map information/data for the western surrounds.</p>
1951 - 1952	<p>The site remains unchanged.</p> <p>There has been some residential development along roads within the surrounds, specifically those more than 250m south east of the site.</p> <p>The A22 road is either under development or has been developed approximately 500m west of the site. The remaining surrounds are relatively unchanged.</p> <p>Lack of 1:2,500 map sheets for the site and surrounds.</p>

<p>1961 - 1974</p>	<p>The field boundary separating the site into two parts has now been removed. The site now consists of only one field. The use and/or purpose of this field is unknown. However, a recreation ground is neighbouring the site to the west, so it may be likely that the site is used as a recreation ground.</p> <p>A garage is located approximately 20-60m east of the site, on the other side of the A271 road. An electricity sub-station is located immediately south of the site.</p> <p>A bowling green with associated pavilion is located approximately 50m south west of the site, within the neighbouring recreation ground.</p> <p>A pumping station is located approximately 150m south east. Further from this at approximately 200m south east of the site is a builder's yard. Poultry houses are located approximately 200m south east.</p> <p>There has been some further residential development within Lower Horsebridge. Horsebridge Wood has decreased in size, at least by half.</p> <p>The remaining surrounds are relatively unchanged.</p> <p>Lack of 1:2,500 scale map sheets for the site and surrounds.</p>
<p>1980 - 1985</p>	<p>The site remains unchanged.</p> <p>There has been some residential development within Upper Horsebridge and beyond (approximately plus 500m south east from the site).</p> <p>The greenhouse, is part of the nursery located approximately 50m east from site, has halved in size.</p> <p>The remaining surrounds are relatively unchanged.</p>
<p>1989 - 1993</p>	<p>The site and immediate surrounds remain relatively unchanged.</p> <p>Lack of 1:2,500 scale map information/data for the site and surrounds. Lack of 1:10,000 map sheets for the site and surrounds.</p>
<p>2000 - 2016</p>	<p>The site remains unchanged.</p> <p>The nursery and associated greenhouse located approximately 50m east of the site are no longer present. The poultry houses located approximately 200m south east from the site are no longer present.</p> <p>There is further residential expansion approximately 300m south of the site.</p> <p>The remaining surrounds are relatively unchanged.</p> <p>Lack of 1:2,500 scale map sheets for the site and surrounds.</p>

4.1 Potential Contamination Sources - Historical

Potential Sources of Contamination Considered a Risk to the Site		
Feature	Distance, Direction	Dates Present
Spillages, infrastructure and processes associated with the garage.	Approximately 20-60m east.	Approximately 1974 until 1993.
PCBs (Polychlorinated biphenyls) associated with the electricity sub-station.	Immediately south of site	Approximately 1974 until present day.
Potential Sources Not Considered Further		
Feature	Justification	
Railway line (Tunbridge Wells & Polegate railway line) located approximately 500m east.	Distance from site.	
Nursery and greenhouse located approximately 50m east from the site.	Distance from site and relatively low contamination potential.	
Builder's yard located approximately 200m south east of site.	Distance from site.	
Poultry houses located approximately 200m south east from the site.	Distance from site.	

5.0 INFORMATION ON PUBLIC RECORD

5.1 Envirocheck Public Record Search

The following information has been obtained from public archive via the data supplier Envirocheck or by direct application. The full Envirocheck report is presented in **Appendix B**.

Discharge Consents – There are twenty six records within 1000m of the site. The closest of these are four licenses associated with Horsebridge Pumping Station for the discharge of public sewage (storm sewage overflow) to a freshwater stream river (River Cuckmere) held by Southern Water Services Ltd, located approximately 200m south east of site. Two of these licenses are considered to be active, replacing the two other revoked licenses. The next closest licence is located approximately 240m west of site held by Crystal Dispensing for the discharge of other matter-surface water to freshwater stream/river. There are no other records within 250m of the site.

Local Authority Pollution Prevention and Controls – There are two records within 1000m of the site, the closest of these is a revoked licence associated with Bacons Garage located approximately 40m north of the site; no expiry date has been provided. The remaining record is located over 600m from site.

Pollution Incidents to Controlled Waters – There are fourteen records within 1000m of the site all of which have been recorded as having a minor severity/impact (category 3). The closest of these is located approximately 70m east, detailed as an incident occurring in August 1998 of a miscellaneous (fire water/foam) pollutant from a car fire. The next closest record is over 200m south east from the site.

Historical Landfill Sites – There are three records within 500m of the site, the closest of which is located approximately 100m south east detailed as Horsebridge Pumping Station for inert waste, last accepting waste in December 1978. The next closest record is detailed as Bakers Farm for inert waste last accepting in May 1991, located approximately 320m east of site.

Local Authority Recorded Landfill Sites – There are four records within 1000m of the site. The closest of these is Horsebridge Pumping Station located approximately 100m south east of site; the status of this landfill site is unknown. However, it is assumed to have expired based on the aforementioned record of Horsebridge Pumping Station. There are no other records within 350m of the site.

Registered Landfill Sites – There is one record within 250m of the site, detailed as a defunct/inactive licence held by Hellingly Parish Council for construction and demolition wastes at West of Mill Bridge, Upper Horsebridge, located approximately 100m south east. No expiry date has been provided. However, this licence/landfill is assumed to be the aforementioned Horsebridge Pumping Station, and as such, the licence is considered to have expired in December 1978.

BGS Recorded Mineral Sites – There is one record within 1000m of the site, detailed as Ruckland Cottages Brick Works for the commodity of common clay and shale, located approximately 780m south east; it has since ceased operations.

Non-Coal Mining – The site is located within an area detailed as having a highly unlikely risk from non-coal mining.

Contemporary Trade Directory Entries – There are twenty four records within 1000m of the site. The closest of these records is located approximately 60m north of site as an inactive licence for oil recycling and disposal services at Wealden Cooking Oil & Fats; no expiry date has been provided. The closest active licence is held by Active Appliances for domestic appliances (serving, repairs and parts) located approximately 110m west of site. The next closest active licence is located approximately 300m south east of site held by All Sussex Electrical Service for domestic appliances (serving, repair and parts).

Fuel Station Entries – There are two records within 1000m of the site, the closest of these is located approximately 60m east detailed as Horsebridge Service Station, which is now obsolete; no expiry date has been provided. The remaining record is an active/open Shell petrol station located approximately 650m west of site.

Ancient Woodland – There are six records within 1000m of the site, the closest of these is located approximately 160m south east as Poultry Houses Shaw. The remaining records are over 200m from the site.

Nitrate Vulnerable Zone (NVZ) – The site is not located within a NVZ. The closest NVZ is located approximately 620m north east from site.

5.2 Information from Local Authority

Wealden District Council were contacted by CE on 20th July 2016 for environmental information relating to the site and surrounds. A cost of £90 per search is charged and can be actioned by contacting Linda Deacon at Rother and Wealden District Council on 01424 787333 or Linda.Deacon@rother.gov.uk.

5.3 Potential Sources of Contamination – Public Records

No potential sources of contamination have been identified following a review of public records. Justification as to why these sources are not considered further is detailed below:

Potential Sources of Contamination Considered a Risk to the Site		
Feature	Distance, Direction	Dates Present
Fuel infrastructure and potential fuel spillages from the historical garage, Bacons Garage.	40m north.	Obsolete, no dates provided.
Fuel infrastructure and potential fuel spillages from the historical garage, Horsebridge Service Station.	60m east.	Obsolete, no dates provided.
Potential Sources Not Considered Further		
Feature	Justification	
Fuel Station Entries – Shell petrol station located approximately 650m west of site.	Distance from site.	
Horsebridge Pumping Station for the discharge of public sewage (storm sewage overflow) to a freshwater stream river (River Cuckmere) located approximately 200m south east.	Distance from site.	
Horsebridge Service Station historical landfill for inert, construction and demolition wastes located approximately 100m south east.	Distance from site and time since last acceptance date (1978).	
Pollution Incidents to Controlled Waters.	Time since incident and/or distance from site.	
Bakers Farm inert waste historical landfill located approximately 320m east, last accepting waste in May 1991.	Distance from site and time since last acceptance date (1991).	

Inactive/ceased Ruckland Cottages Brick Works located approximately 780m south east.	Distance from site.
Contemporary Trade Directory Entries – including inactive oil recycling and disposal services (approx. 60m north) and active servicing, repairs and parts of domestic appliances (approx. 110m west).	Distance from site, inactive licences and/or relatively low contamination.
Discharge consents – Crystal Dispensing for the discharge of other matter-surface water to freshwater stream/river located approximately 240m west of site.	Distance from site.
Non-coal mining.	Highly unlikely risk from non-coal mining.

6.0 PRELIMINARY CONCEPTUAL SITE MODEL & RISK ASSESSMENT

The Preliminary Conceptual Site Model (CSM) has been formulated in accordance with BS10175:2011:2013+A1. It is used to assess the significance of the environmental hazards identified at the site, the potential receptors and the pathway between them.

6.1 Sources

6.1.1 On Site

1. Made Ground as a result from previous burning of waste materials/bonfire on site. Potential contaminants include, but are not restricted to, hydrocarbons, heavy metals and asbestos.

6.1.2 Off Site

2. Made Ground associated with the development of the electricity sub-station immediately south of the site. PCBs (Polychlorinated biphenyls) may be present as the sub-station has been present since before the general ban of PCBs in 1986.
3. Spillages, infrastructure and processes associated with the historical garages (Bacons Garage located approximately 40m north and Horsebridge Service station located approximately 20-60m east of the site). Potential contaminants include, but are not limited to, hydrocarbons, heavy metals and asbestos.

6.1.3 Ground Gas Potential

The following points are pertinent with regard to the absence of any tangible sources of ground gas on site:

- No potential for infilled land has been identified on site.
- Based on the desktop information, whilst the nearest landfill (Horsebridge Pumping Station) is located approximately 100m south east, the last waste acceptance date is recorded in December 1978. No other records for landfill are within 300m of the site (Envirocheck Report – **Appendix B**).

6.2 Receptors

- End Users – Residents and visitors.
- Site Workers (during development) – There is the potential of exposure to contaminated soils and vapour especially during groundworks.
- Proposed Development – Vapour from impacted soils that may accumulate in confined, poorly ventilated areas of the proposed buildings.
- Services – Any buried services installed for the proposed development.
- Surface water – River/surface water network associated with Cuckmere River located approximately 90m south of the site.
- Groundwater – Superficial Secondary (A) Aquifer underlying the site.

6.3 Preliminary Conceptual Site Model

The Preliminary CSM has been formulated to provide information regarding the possible sources of contamination that may impact the site, the pathway in which the contamination can migrate, and any vulnerable receptors, all of which need to be present for there to be a risk.

Source	Pathway	Receptor	Likelihood	Potential Risk	Proposed Action
<p>Made Ground as a result from previous burning of waste materials/bonfire on site.</p> <p>Potential contaminants include, but are not restricted to, hydrocarbons, heavy metals and asbestos.</p>	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End users.	Possible.	Moderate. The possibility of exposure is based on the on-site location of the source and proposed private gardens included within the development. The sensitivity of the receptor is high considering the likely presence of children (considered sensitive receptors).	<p>At least 2no. window sample boreholes on site.</p> <p>A targeted intrusive location approach should be undertaken within close proximity to the Made Ground/bonfire area.</p> <p>Soil sampling will be based on field observations, coverage and in order to refine the identified source-pathway-receptor linkages.</p>
		Site workers (during development).	Likely.	Low. A potential pollutant linkage is likely based on the possibility of direct contact with potentially contaminated soils during groundworks. However, the short exposure time significantly reduces this risk.	
	Impacted soils.	Services.	Possible.	Low. There is a possibility of exposure given the on-site location of the source and the likelihood of new potable water supply pipework/services. However, the extent of contamination potential is considered fairly limited in terms of the receptor, and is restricted to parts of the site.	
	Volatilisation of hydrocarbons in underlying soils and groundwater to indoor and/or outdoor air.	End users and proposed development.	Possible.	Low. Whilst the occurrence of a source-pathway-receptor linkage is possible, there is a relatively limited potential hydrocarbon source. The exposure time given the residential setting is acknowledged.	
		Site workers (during development).	Unlikely.	Negligible. Temporary external work setting and short exposure time reduces this risk. Additionally, there is a relatively limited potential hydrocarbon source.	
	Infiltration and migration of contaminants to surface water.	Surface Water feature – Cuckmere River.	Possible.	Low. There is a possibility of exposure given the proximity (approximately 90m south) of the receptor to the site. However, the risk is reduced as there are no surface and potable water abstraction licences within 2000m of the site.	
Infiltration and migration of contaminants through the underlying geology.	Groundwater – Superficial Secondary (A) Aquifer underlying the site.	Possible.	Low. Whilst the presence of a Superficial Secondary (A) Aquifer is acknowledged. The lack of groundwater abstraction licences and SPZs within 1000m of the site and absence of any potable water abstraction licences within 2000m of the site reduces this risk.		

Source	Pathway	Receptor	Likelihood	Potential Risk	Proposed Action
Made Ground associated with the development of the electricity sub-station immediately south of the site.	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End users.	Unlikely.	Negligible to Low. The sensitivity of the end user is high considering the likely presence of children (considered sensitive receptors). However, the relatively immobile propensity of PCBs restricts the potential exposure range of this off-site source.	No intrusive investigation is required. A watching brief should be adopted during groundworks. Further information in Section 7.4.
		Site workers (during development).	Unlikely.	Negligible. Whilst site workers are likely to come in direct contact with soils during groundworks, the relatively immobile propensity of PCBs restricts the potential exposure range of this off-site source.	
PCBs (Polychlorinated biphenyls) may be present as the sub-station has been present since before the general ban of PCBs in 1986.	Infiltration and migration of contaminants through the underlying geology.	Groundwater – Superficial Secondary (A) Aquifer underlying the site.	Unlikely.	Negligible. Whilst the presence of a Superficial Secondary (A) Aquifer is acknowledged. The relatively immobile propensity of PCBs restricts the potential exposure range of this off-site source	

Source	Pathway	Receptor	Likelihood	Potential Risk	Proposed Action
Spillages, infrastructure and processes associated with the historical garages (Bacons Garage located approximately 40m north and Horsebridge Service station located approximately 20-60m east of the site). Potential contaminants include, but are not limited to, hydrocarbons, heavy metals and asbestos.	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End users.	Unlikely.	Negligible to Low. The off-site location of this source significantly reduces the risk. The proposals for private gardens is acknowledged.	It may be necessary to install a monitoring well in both the 2no. aforementioned window sample boreholes, with the completion of subsequent soil vapour and groundwater monitoring. This is dependent upon field observations encountered during the Site Investigation.
		Site workers (during development).	Unlikely.	Negligible. The short exposure time of the receptor and off-site location of the source significantly reduces this risk.	
	Impacted soils.	Services.	Unlikely.	Negligible to Low. There is a possibility of exposure given the likelihood of new potable water supply pipework/services included within the proposals. However, the off-site location of the source significantly reduces this risk.	
	Volatilisation of hydrocarbons in underlying soils and groundwater to indoor and/or outdoor air.	End users and proposed development.	Possible.	Low. A significant hydrocarbon source is likely given the nature of the source (garages). However, the off-site location of this source reduces the risk.	
		Site workers (during development).	Very unlikely.	Negligible. The risk is negligible due to the temporary external work setting, off-site location of the source and short exposure time of the receptor.	
Infiltration and migration of contaminants through the underlying geology.	Groundwater – Superficial Secondary (A) Aquifer underlying the site.	Possible.	Low. A significant hydrocarbon source is likely given the nature of the source (garages). However, the off-site location of the source reduces this risk. The presence of a Superficial Secondary (A) Aquifer is acknowledged.		

Negligible Risk	Defined as the site should be considered suitable for the present or future use and environmental setting. Contaminants unlikely to be present that may have unacceptable impact on key targets.
Low Risk	Defined as the site should be considered suitable for the present or future use and environmental setting. Contaminants may be present but unlikely to have unacceptable impact on key targets.
Moderate Risk	Defined as the site may not be suitable for the present or future use and environmental setting. Contaminants are probably present and might have unacceptable impact on key targets.
High Risk	Defined as the site is probably or certainly not suitable for the present or future use and environmental setting. Contaminants are probably or certainly present and likely to have unacceptable impact on key targets.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The site comprises a field, entirely covered by soft-standing, bounded by hedgerows and dense vegetation on all boundaries, with the exception of wooden post fencing at the northern boundary. At the time of the walkover survey the site did not appear to be used for agricultural purposes and no buildings were visible on site.

Proposals include a residential development with an estimated 12no. dwellings, serviced with associated infrastructure and private gardens. The development is confined to the eastern half of site, leaving the western areas to be left as an open space.

The entire site (within the red line boundary detailed in **Appendix A**) has been considered for the compilation of this report.

A summary following identification of possible pollutant linkages identified within the Preliminary CSM is detailed below:

- A **Moderate** risk is present to end users (residents and visitors) through inhalation, ingestion and dermal contact from exposure to Made Ground as a result from previous burning of waste material/bonfire on site.

The following recommendations are specific to the plans received at the time of writing this report and any alterations to the plans may warrant a reassessment of the risk.

It will be necessary to conduct a Site Investigation in order to further refine the potential risks identified within Preliminary CSM. Details can be found in Section 7.1 of this report.

Whilst the risk to end users is considered generally **Low**, they remain a very sensitive receptor. As part of due diligence it is recommended that a screening exercise of shallow soils is undertaken within the proposed garden areas. Soil samples should be sent to a UKAS and MCERTS accredited laboratory. Further details are found in Section 7.2.

It will be necessary to conduct a Watching Brief on site, in order to detect any areas of unidentified contamination during groundworks. Further details can be found in Section 7.4 of this report.

It is recommended that this report is submitted to the Local Authorities and the Environment Agency for comment and approval.

7.1 Proposed Site Investigation

In accordance with Section 7.0, an intrusive Site Investigation is required to assess the potential pollution linkages identified in the Preliminary Conceptual Site Model (CSM). The investigations considered necessary to assess these potential risks are detailed overleaf.

Targeted Investigation Proposed	Purpose(s)
<p>At least 2no. window sample borehole to be undertaken in areas within close proximity to the Made Ground and former bonfire area on site.</p> <p>Soil sampling will be based on field observations, coverage and in order to refine the identified source-pathway-receptor linkages</p>	<p>Collect representative soil samples, assess visual/olfactory evidence of impacted soils and in order to assess the risk from the identified source.</p>

Recovered samples will be analysed/assessed as part of the investigation, which will aid in refining the Preliminary CSM, based on identified sources and source-pathway-receptor linkages.

It may be necessary to install at least 2no. monitoring wells within the aforementioned intrusive locations, with the completion of subsequent soil vapour and groundwater monitoring. This is conditional upon the findings of the Site Investigation.

The testing regime has been devised in accordance with BS10175:2011:2013+A1 *Guidelines for the Code of Practice for Contaminated Land* and CLR Report No.4 *Sampling Strategies*.

7.1.1 Analysis

Analysis of soil samples is suggested in order to determine the completeness of the potential pollutant linkages identified in the Preliminary Conceptual Site Model (CSM). The following testing regime is considered appropriate for a selection of recovered samples.

Material	Chemical Testing Required
Made Ground	Heavy metals, speciated Total Petroleum Hydrocarbons (TPH – aliphatic and aromatic C ₅ – C ₄₀), speciated PAH, BTEX, MTBE, pH, PCBs, Soil Organic Matter and Asbestos Screen.
Natural Soils	Heavy metals, speciated Total Petroleum Hydrocarbons (TPH – aliphatic and aromatic C ₅ – C ₄₀), speciated PAH, BTEX, MTBE, pH, PCBs and Soil Organic Matter.
Groundwater	To be confirmed, if required, based on soil analysis results and field observations – Analytical suite will mirror that of soil testing.

7.1.2 Guidance

The results from the Site Investigation will be compared against relevant Generic Assessment Criteria (GAC) including Soil Guideline Values (SGVs), Provisional Category 4 Screening Levels (C4SLs) and LQM CIEH Generic Assessment Criteria (GAC) using the equivalent 'Residential' Land-use setting on the basis that the end use is residential.

If necessary, groundwater results will be compared against UK Drinking Water Standards, the Water Framework Directive (WFD), the New Dutch List and US EPA Drinking Water Advisory.

7.2 Screening Exercise

To compliment the targeted investigation, a series of shallow trial pits should be completed in proposed garden areas. Soil samples should be tested for a general screen of common contaminants, including heavy metals, TPHs, PAHs, BTEX and MTBE. A UKAS and MCERTS accredited laboratory should be used.

7.3 Statutory Consultees

We would recommend that this report be forwarded to the relevant Statutory Consultees including the Local Council's Environmental Health and Planning Department to seek their comments and subsequent approval prior to works commencing on site.

7.4 Watching Brief

We would recommend that a watching brief is maintained on site, particularly during any planned ground works stage. This must be undertaken as part of good working practices and in case there are any areas of unidentified contamination.

During any ground works, an appraisal of the exposed soils should be made by the on-site manager. If any material is noted to show visual and/or olfactory signs of contamination this material should be stockpiled separately and tested prior to its appropriate removal off site or re-use where necessary. A suitably qualified environmental specialist should be contacted to advise what further work is required.

The on-site manager should be appointed by the contractor and it would be recommended that this person be able to display the relevant level of qualification and/or experience in managing major construction works on contaminated land.

7.5 Waste Disposal

As surplus arisings will likely be generated as part of the build programme, it is recommended that a copy of the laboratory results are given to the waste contractors and/or landfill operators involved to discuss the requirements with regards to removal of surplus subsoils from the site and the acceptance of the waste at the landfill. All surplus arisings should be appropriately classified as 'hazardous' or 'non hazardous' prior to its movement off site.

All materials must be transported in compliance with the Duty of Care Regulations by authorising movements with Carrier's individually numbered Duty of Care conveyance notes, complete with the appropriate EWC Codes. All relevant dockets will need to be kept to provide evidence of the removal.

It may be necessary depending upon the initial classification and the specific requirements of the waste carrier and the accepting landfill facility to complete Waste Acceptance Criteria (WAC) testing; it is prudent to ascertain the testing requirements of each prior to the movement of any spoil.

Contaminated soil that is, or must be disposed of, is waste. Therefore, its handling, transport, treatment and disposal is subject to waste management legislation, which includes:

- Duty of Care Regulations 1991
- Hazardous Waste (England and Wales) Regulations 2005
- Environmental Permitting (England and Wales) Regulations 2010
- The Waste (England and Wales) Regulations 2011

The client should ensure that all contaminated materials are adequately characterised both chemically and physically in line with British Standard BS EN 14899:2005 'Characterization of Waste – Sampling of Waste Materials – Framework for the Preparation and Application of a Sampling Plan' and that the permitting status of any proposed treatment or disposal activity is clear. If in doubt, the Environment Agency should be contacted for advice at an early stage to

avoid any delays.

If the total quantity of waste material to be produced or taken off site as hazardous waste is 500kg or greater in any 12 month period then the developer will need to register with the EA as a hazardous waste producer.

A copy of such documentation should be retained and forwarded to CE for inclusion into a verification/validation report.

7.6 Services

We would recommend that if new services are to be included into the design of this development, the local water board are contacted to determine the type of pipework that should be used on this site.

All services and in particular potable water supply pipes should be made out of suitable materials with respect to contamination, particularly materials with respect to contamination, particularly organic contaminants, which are known to degrade polymeric materials from which services are often made.

It would be prudent to situate services within lined trenches. The trenches should be lined with a geotextile membrane and backfilled with clean fill, such as pea shingle, which will demarcate the services from the surrounding soils.

This approach is largely to ensure that the risks to future service maintenance workers are mitigated, with respect to potential dermal contact, inhalation and ingestion pathways. Upon determination of the design, agreement should be sought from the Local Authority by way of a Remediation Strategy prior to commencement of groundworks.

It is recommended that a suitably qualified Environmental Scientist attends site to validate the construction of the service trenches, to take photographic records which should be included within a Validation Report or similar documentation.

APPENDICES

Appendix A – Site Plans

Appendix B – Envirocheck Report

Appendix C – Photographic Log

APPENDIX A

Site Plans





- NOTES
1. Do not scale from this drawing. Use figures dimensions only.
 2. All dimensions must be checked on site prior to commencement of work.
 3. Where applicable this drawing is to be read in conjunction with other consultants drawings.
 4. This drawing is the copyright of Constructive Evaluation Ltd.

NOTE:
 THIS PLAN IS BASED ON BDB DESIGN, PROPOSED SITE LAYOUT, JANUARY 2015. CE DOES NOT OWN THIS DIAGRAM

rev	date	amendment	check

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Client:
 KIRK SAUNDERS ASSOCIATES

Project:
 LAND AT LOWER HORSEBRIDGE

Drawing: SITE LOCATION PLAN scale: NTS

date JUL 16	drawn D.Y	checked
drawing number 16.9179	revision	

APPENDIX B

Envirocheck Report



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

91223631_1_1

Customer Reference:

16.9179

National Grid Reference:

557740, 111390

Slice:

A

Site Area (Ha):

1.17

Search Buffer (m):

1000

Site Details:

Lower Horsebridge

Hailsham

BN27 4DL

Client Details:

Mr M Smeeth

Constructive Evaluation

Unit 15 & 16

Ford Lane Business Park

Ford

Arundel

West Sussex

BN18 0UZ

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Sensitive Land Use	28
Data Currency	29
Data Suppliers	33
Useful Contacts	34

Introduction

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

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

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Report Version v50.0

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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		5	4	17
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7		1		1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8		Yes		
Pollution Incidents to Controlled Waters	pg 8		4	4	6
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 10		1		2
River Quality Biology Sampling Points	pg 11				1
River Quality Chemistry Sampling Points	pg 12				2
Substantiated Pollution Incident Register					
Water Abstractions	pg 13				(*3)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 14	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 14	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 14	Yes	Yes	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
Detailed River Network Lines	pg 15		Yes	Yes	n/a
Detailed River Network Offline Drainage					n/a

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 21		1	2	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 21	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 21		1	2	1
Registered Landfill Sites	pg 22		1		
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 23	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 23				1
Brine Compensation Area			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 23	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 23		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 23	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 25		3	5	16
Fuel Station Entries	pg 27		1		1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 28		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					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 28				2
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (N)	0	1	557742 111391
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NE)	0	1	557750 111400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	207	1	557600 111650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	208	1	557950 111200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	275	1	557400 111450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	310	1	558050 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	346	1	557350 111550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	403	1	557800 111850
1	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Sewerage Network - Pumping Station - Water Company Location: Horsebridge Pumping Station, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01450 Permit Version: 1 Effective Date: 12th April 1966 Issued Date: 12th April 1966 Revocation Date: 30th March 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	195	2	558000 111270
1	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Sewerage Network - Pumping Station - Water Company Location: Horsebridge Pumping Station, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01450 Permit Version: 2 Effective Date: 31st March 2009 Issued Date: 12th April 1966 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Cuckmere Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	195	2	558000 111270

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: Sewerage Network - Pumping Station - Water Company Location: Upper Horsebridge Wps, Upper Horsebridge Road, Hailsham, East Sussex, Bn27 3bb</p> <p>Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: A01496 Permit Version: 1 Effective Date: 21st September 2007 Issued Date: 21st September 2007 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Cuckmere 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)	197	2	557970 111230
1	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited. + Property Type: Sewerage Network - Pumping Station - Water Company Location: Upper Horsebridge Wps, Upper Horsebridge Road, Hailsham, East Sussex, Bn27 3bb</p> <p>Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: A01496 Permit Version: 2 Effective Date: 1st April 2009 Issued Date: 21st September 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Cuckmere 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)	197	2	557970 111230
2	<p>Discharge Consents</p> <p>Operator: Crystal Dispensing Property Type: Undefined Or Other Location: S.E.E.B. Depot, Hellingly East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01691 Permit Version: 1 Effective Date: 15th March 1968 Issued Date: 15th March 1968 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>	A13SW (W)	235	2	557450 111360
3	<p>Discharge Consents</p> <p>Operator: East Sussex County Council Property Type: Undefined Or Other Location: Mcdougall'S Mill, Upper Horsebridge, Hellingly East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01481 Permit Version: 1 Effective Date: 22nd April 1966 Issued Date: 22nd April 1966 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 100m</p>	A14SW (E)	276	2	558100 111300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Mr A Fretwell Property Type: Domestic Property (Single) Location: Hillside Hillside, Cottage Lane,, Westfield, Hastings, East Sussex, Tn35 4rt Authority: Environment Agency, Southern Region Catchment Area: River Brede Reference: P11692 Permit Version: 1 Effective Date: 21st August 2003 Issued Date: 21st August 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Brede 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>	A14NW (NE)	394	2	558120 111652
5	<p>Discharge Consents</p> <p>Operator: East Sussex County Council Property Type: General Construction Work Location: Housing Estate Of 185 Dwellings, Woodholme Farm Estate, Hailsham, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02062 Permit Version: 1 Effective Date: 24th May 1976 Issued Date: 24th May 1976 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>	A8NE (SE)	428	2	557960 110960
6	<p>Discharge Consents</p> <p>Operator: Southern Water Services Ltd (S) Property Type: Domestic Property (Multiple) Location: The Lilacs/Kildare,, London Rd, Hailsham, Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02814 Permit Version: 1 Effective Date: 12th March 1965 Issued Date: 12th March 1965 Revocation Date: 30th September 1997 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>	A14SW (E)	482	2	558300 111250
7	<p>Discharge Consents</p> <p>Operator: Mr J Corin Property Type: Domestic Property (Multiple) Location: 1&2 The Old Schoolmasters House, Great Sanders, Hurst Lane, Sedlescombe, East Sussex, Tn33 0qs Authority: Environment Agency, Southern Region Catchment Area: River Brede Reference: P11360 Permit Version: 1 Effective Date: 21st March 2003 Issued Date: 21st March 2003 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata 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)	514	2	557783 111968

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: Mr M Goering Property Type: Domestic Property (Single) Location: White House Cripps Corner, Robertsbridge, East Sussex, East Sussex, Tn32 5ry Authority: Environment Agency, Southern Region Catchment Area: River Tillingham Reference: P11803 Permit Version: 1 Effective Date: 4th September 2003 Issued Date: 4th September 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Trib Of The R. Tillingham 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>	A18NE (N)	651	2	557803 112104
8	<p>Discharge Consents</p> <p>Operator: Mr M Thorne Property Type: Domestic Property (Single) Location: Hillside, Cripps Corner, Staplecros Hillside, Cripps Corner, Staplecross,, Robertsbridge, East Sussex, Tn32 5qr Authority: Environment Agency, Southern Region Catchment Area: River Tillingham Reference: P11661 Permit Version: 1 Effective Date: 8th July 2003 Issued Date: 8th July 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River Tillingham 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>	A18NE (N)	668	2	557788 112123
9	<p>Discharge Consents</p> <p>Operator: Mr Rq And Mrs A Tapper Property Type: Domestic Property (Multiple) Location: Horselunges Manor (Flat And Barn) Horselunges Manor (Flat & Barn), Station Road, Hellingly, Hailsham, East Sussex, Bn27 4eu Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: P12372 Permit Version: 1 Effective Date: 1st August 2005 Issued Date: 1st August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moat Leading To Cuckmere 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>	A19SW (NE)	676	2	558210 111960
10	<p>Discharge Consents</p> <p>Operator: Mr Rq And Mrs A Tapper Property Type: Domestic Property (Single) Location: Horselunges Manor (West Wing), Station Road, Hellingly, Hailsham, East Sussex, Bn27 4eu Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: P12371 Permit Version: 1 Effective Date: 1st August 2005 Issued Date: 1st August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moat Leading To Cuckmere 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>	A19SW (NE)	699	2	558180 112010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Cotton Property Type: Domestic Property (Single) Location: Plot 3 The Bungalow, Chitcombe Road Plot 3 The Bungalow, Chitcombe Road, Broadoak,, Brede, East Sussex Authority: Environment Agency, Southern Region Catchment Area: River Tillingham Reference: P11609 Permit Version: 1 Effective Date: 6th May 2003 Issued Date: 6th May 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Tillingham 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)	708	2	558197 112009
10	<p>Discharge Consents</p> <p>Operator: E.C. Doxat Esq. Property Type: Undefined Or Other Location: Horselunges Manor, Station Road, Hellingly, Hailsham, East Sussex, Bn27 4eu Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: D01282 Permit Version: 1 Effective Date: 6th January 1965 Issued Date: 6th January 1965 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage 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)	708	2	558180 112020
10	<p>Discharge Consents</p> <p>Operator: Mr Rq And Mrs A Tapper Property Type: Domestic Property (Single) Location: Horselunges Manor (East Wing), Station Road, Hellingly, Hailsham, East Sussex, Bn27 4eu Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: P12370 Permit Version: 1 Effective Date: 1st August 2005 Issued Date: 1st August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moat Leading To Cuckmere 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>	A19SW (NE)	722	2	558190 112030
10	<p>Discharge Consents</p> <p>Operator: E.C. Doxat Esq. Property Type: Undefined Or Other Location: Horselunges Manor, Station Road, Hellingly, Hailsham, East Sussex, Bn27 4eu Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: D01282 Permit Version: 1 Effective Date: 6th January 1965 Issued Date: 6th January 1965 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage 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)	749	2	558210 112050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: George Wimpey Co. Ltd. Property Type: Undefined Or Other Location: Woodholme Farm Estate, Hailsham, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02214 Permit Version: 1 Effective Date: 2nd October 1973 Issued Date: 2nd October 1973 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>	A9SW (SE)	747	2	558160 110700
12	<p>Discharge Consents</p> <p>Operator: The Met. Railway Country Estates Property Type: General Construction Work Location: Residential Development, Off Hempstead Lane, Hailsham, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02225 Permit Version: 1 Effective Date: 8th November 1973 Issued Date: 8th November 1973 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>	A8SE (S)	794	2	557960 110570
12	<p>Discharge Consents</p> <p>Operator: Southern Water Services Ltd (S) Property Type: Domestic Property (Multiple) Location: Welbury Farm, Hempstead Lane, Hailsham, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00542 Permit Version: 1 Effective Date: 10th May 1991 Issued Date: 10th May 1991 Revocation Date: 23rd February 2010 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	811	2	557950 110550
12	<p>Discharge Consents</p> <p>Operator: Mr A Longhurst Property Type: Domestic Property (Single) Location: The Coach House, Hailsham The Coach House, Woodside Farm, Hempstead Lane, Hailsham, East Sussex, Bn27 3ae Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: P12377 Permit Version: 1 Effective Date: 5th August 2005 Issued Date: 5th August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Drain To Trib Of R. Cuckmere 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>	A8SE (S)	837	2	557940 110520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Discharge Consents</p> <p>Operator: Mr A Longhurst Property Type: Domestic Property (Single) Location: Woodside Farm, Hempstead Lane, Hailsham, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09717 Permit Version: 1 Effective Date: 14th June 2001 Issued Date: 14th June 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	837	2	557940 110520
13	<p>Discharge Consents</p> <p>Operator: J.S. Ford Esq. Property Type: Undefined Or Other Location: Upper Horselunges Farm, Hellingly Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01532 Permit Version: 1 Effective Date: 31st October 1966 Issued Date: 31st October 1966 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>	A14SE (E)	847	2	558680 111330
14	<p>Discharge Consents</p> <p>Operator: Mr Anthony Palmer Property Type: Domestic Property (Single) Location: Palmer Farm, Boship Roundabout, Hailsham, East Sussex, Bn27 4at Authority: Environment Agency, Southern Region Catchment Area: Cuckmere Reference: Npswqd001115 Permit Version: 1 Effective Date: 9th May 2008 Issued Date: 9th May 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Cuckmere 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>	A7NW (SW)	860	2	556908 110983
15	<p>Discharge Consents</p> <p>Operator: A Tolhurst And M Winstanley Property Type: Domestic Property (Single) Location: Bangalore, Hempstead Lane, Hailsham, East Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02946 Permit Version: 1 Effective Date: 4th May 1990 Issued Date: 4th May 1990 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	921	2	557700 110400
16	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Bacons Garage Location: London Road, Horsebridge, HAILSHAM, East Sussex, BN27 4DH Authority: Wealden District Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (N)	39	3	557753 111479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Local Authority Pollution Prevention and Controls Name: Boship Service Station Location: Boship Roundabout, Lower Dicker, NR. HAILSHAM, East Sussex, BN27 4BS Authority: Wealden District Council, Environmental Health Department Permit Reference: EP/000000196 Dated: 17th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A12SW (W)	638	3	557061 111255
	Nearest Surface Water Feature	A13SW (S)	88	-	557720 111235
18	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewage Treatment Works Location: Horsebridge, HAILSHAM Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Fire water / Foam Note: Foam In Gully From Car On Fire Incident Date: 11th August 1998 Incident Reference: 598195 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	72	2	557900 111400
19	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Lower Horsebridge, HAILSHAM Authority: Environment Agency, Southern Region Pollutant: Surcharged Sewage Note: Sewer Overflowing Into Stream Incident Date: 12th March 1998 Incident Reference: 598043 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company STW Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	205	2	557990 111240
19	Pollution Incidents to Controlled Waters Property Type: Oil Industry (Not Garages) Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Pollution Incident Date: 5th January 1993 Incident Reference: P00394 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	A13SE (SE)	240	2	558000 111200
19	Pollution Incidents to Controlled Waters Property Type: Arable Location: Cuckmere At , HORSEBRIDGE Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Overflow From Blocked Sewer Incident Date: 30th December 1998 Incident Reference: 598267 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	243	2	558000 111195
20	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply Location: Lower Horsebridge, Tributary Of River Cuckmere, HAILSHAM Authority: Environment Agency, Southern Region Pollutant: General Biodegradable : Crude Sewage & Sewerage Material Note: Not Supplied Incident Date: 15th July 1999 Incident Reference: 1225 Catchment Area: Cuckmere Receiving Water: Potential River Cause of Incident: Drainage Failures : Foul Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A12NE (W)	277	2	557400 111395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Other Location: LOWER HORSEBRIDGE Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewer Leak; Private Sewage (Non-Plc): Foul Sewer Incident Date: 4th September 1995 Incident Reference: 595203 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	277	2	557400 111400
21	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Foul Sewer Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewer Block Incident Date: 14th October 1996 Incident Reference: 596314 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewerage Overload Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	407	2	558000 111000
21	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oily Run-Off From Road Incident Date: 16th February 1997 Incident Reference: 597026 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	A8NE (SE)	412	2	558000 110995
22	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications Location: A267 Horsebridge, HAILSHAM Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Petroleum Spirits Note: Not Supplied Incident Date: 1st December 1999 Incident Reference: 3790 Catchment Area: Cuckmere & Pevensey Levels Receiving Water: Potential Surface Water Cause of Incident: Human Actions : Operator Error Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	632	2	557100 111700
23	Pollution Incidents to Controlled Waters Property Type: Fish Farms Location: Farne Close , Anglesey Avenue , HAILSHAM Authority: Environment Agency, Southern Region Pollutant: Raw Water Note: Pond Discoloured Incident Date: 21st May 1998 Incident Reference: 598146 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	653	2	557900 110700
24	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: 44 Farne Close, HAILSHAM Authority: Environment Agency, Southern Region Pollutant: Unknown Sewage Note: Dead Fish In Stream; Domestic/Residential Incident Date: 9th May 1995 Incident Reference: 595099 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	749	2	557900 110600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Pond At Farne Close Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Dead Fish/Algae Incident Date: 1st August 1997 Incident Reference: 597220 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	846	2	557900 110500
25	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Pond Farne Close Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Fish In Distress Incident Date: 11th August 1997 Incident Reference: 597250 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	850	2	557900 110495
26	Pollution Incidents to Controlled Waters Property Type: Agricultural Location: Bellfry Fishery, HELLINGLY Authority: Environment Agency, Southern Region Pollutant: General Biodegradable : Agricultural Dilute Slurry / Dirty Water Note: Not Supplied Incident Date: 28th September 1999 Incident Reference: 3223 Catchment Area: Cuckmere & Pevensey Levels Receiving Water: Potential Surface Water Cause of Incident: Containment Failure : Overloading Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	942	2	557100 112200
	River Quality Name: Cuckmere GQA Grade: River Quality B Reach: Knockhatch Strm Conf - Bull R Estimated Distance (km): 2.9 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A13SE (SE)	104	2	557905 111291
	River Quality Name: Cuckmere GQA Grade: River Quality C Reach: Bull R Conf - Tileries Trib Conf Estimated Distance (km): 2.8 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A19SW (NE)	545	2	558092 111882
	River Quality Name: Bull R GQA Grade: River Quality B Reach: Cuckmere Conf - Hamly Bridge Estimated Distance (km): 3.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18SE (NE)	559	2	558077 111910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	River Quality Biology Sampling Points Name: Cuckmere Reach: Knockhatch Stream Confluence To Bull River Estimated Distance: 2.90 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2002 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2003 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2004 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2005 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2006 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2007 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2008 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2009 GQA Grade: River Quality Biology GQA Grade A - Very Good	A19SW (NE)	704	2	558120 112050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>River Quality Chemistry Sampling Points</p> <p>Name: River Cuckmere Reach: Knockhatch Stream Confluence To Bull River Estimated Distance: 2.90 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied</p>	A7NE (SW)	537	2	557310 110950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	River Quality Chemistry Sampling Points Name: River Cuckmere Reach: Bull River Confluence To Tileries Tributary Confluence Estimated Distance: 2.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A19NW (NE)	830	2	558200 112150
	Water Abstractions Operator: Neilsen Plants Ltd Licence Number: 10/41/153007 Permit Version: 100 Location: Danecroft Nursery, Hellingly Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Be Used Only On Land And In Buildings In The Occupation Of The Licence Holder At Danecroft Nursery Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th June 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	1060	2	558520 112200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Neilsen Plants Ltd Licence Number: 10/41/153006 Permit Version: 100 Location: Danecroft Nurseries, Station Road, Hellingly Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Be Used On The Land And Buildings In The Occupation Of The Licence Holder At Danecroft Nurseries Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	1081	2	558530 112220
	Water Abstractions Operator: Mr & Mrs Long Licence Number: 18/043 Permit Version: 100 Location: Well At Hellingly, East Sussex 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: See Licence Holder Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th December 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1934	2	559700 111880
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 46 East Sussex Scale: 1:100,000	A13SW (N)	0	2	557742 111391
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (N)	0	1	557742 111391
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (N)	0	1	557742 111391
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	0	2	557704 111370
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	10	2	557707 111313
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SE (E)	87	2	557907 111326
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	0	2	557702 111344
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	202	2	557504 111264
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences None				
30	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SW (S)	88	2	557720 111235
31	Detailed River Network Lines River Type: Primary River River Name: Drain Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Currently Undefined Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SE (E)	92	2	557917 111333
32	Detailed River Network Lines River Type: Primary River River Name: Cuckmere Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (S)	182	2	557706 111137
33	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (S)	184	2	557736 111139
34	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SE (SE)	195	2	557902 111185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Secondary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Currently Undefined Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (S)	223	2	557638 111107
36	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (S)	223	2	557638 111107
37	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Horsebridge Stream Name: Water Course: K513 Reference:	A13SW (SW)	234	2	557473 111256
38	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (E)	249	2	558044 111507
39	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (E)	249	2	558044 111507
40	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (E)	260	2	558092 111348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Horsebridge Stream Name: Water Course: K513 Reference:	A12NE (W)	264	2	557411 111440
42	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SE (E)	265	2	558092 111310
43	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (SW)	277	2	557590 111066
44	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (SW)	278	2	557586 111067
45	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	279	2	558063 111531
46	Detailed River Network Lines River Type: Primary River River Name: Cuckmere River Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13NE (E)	281	2	558083 111503

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Detailed River Network Lines River Type: Primary River River Name: Drain Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Currently Undefined Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13NE (E)	282	2	558082 111506
48	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Secondary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Currently Undefined Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (SW)	291	2	557570 111060
49	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A13SW (SW)	291	2	557570 111060
50	Detailed River Network Lines River Type: Primary River River Name: Cuckmere River Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A14NW (E)	299	2	558128 111432
51	Detailed River Network Lines River Type: Tertiary River River Name: Cuckmere River Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Bakers Park Ditch Name: Water Course: K515 Reference:	A14NW (E)	300	2	558128 111432
52	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NW (S)	312	2	557617 111020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Horsebridge Stream Name: Water Course: K513 Reference:	A13SW (SW)	327	2	557448 111111
54	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A8NW (SW)	331	2	557518 111043
55	Detailed River Network Lines River Type: Primary River River Name: Cuckmere River Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Cuckmere River Upper Reaches Name: Water Course: K502 Reference:	A14NW (E)	354	2	558147 111538
56	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (E)	357	2	558157 111523
57	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (E)	362	2	558169 111509
58	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (E)	367	2	558164 111532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Currently Undefined Flood Risk: Other Rivers Management Status: Water Course: Bakers Park Ditch Name: Water Course: K515 Reference:	A14NW (E)	384	2	558207 111464
60	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	409	2	557841 110933
61	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	409	2	557772 110918
62	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Horsebridge Stream Name: Water Course: K513 Reference:	A7NE (SW)	484	2	557339 110999
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Historical Landfill Sites Licence Holder: Hellingly Parish Council Location: Peake Gardens, Upper Horsebridge Road, Hailsham, Sussex Name: Horsebridge Pumping Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20253 First Input Date: 19th October 1977 Last Input Date: 31st December 1978 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1400/6275 BGS Ref: Not Supplied Other Ref: WD050, 27-101, WR1-247	A13SE (SE)	102	2	557905 111300
64	Historical Landfill Sites Licence Holder: Not Supplied Location: Two Field Areas, Upper Horsebridge, Sussex Name: Bakers Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20399 First Input Date: Not Supplied Last Input Date: 31st May 1991 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1400/6251 BGS Ref: Not Supplied Other Ref: WR1-158	A14SW (E)	316	2	558144 111308
65	Historical Landfill Sites Licence Holder: Not Supplied Location: Lower Horsebridge, Hellingly, Sussex Name: Blacklane Junction with A267 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20280 First Input Date: 31st December 1950 Last Input Date: 31st December 1959 Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1400/6272 BGS Ref: Not Supplied Other Ref: WR1-244	A17SE (NW)	493	2	557277 111738
	Local Authority Landfill Coverage Name: East Sussex County Council - Has supplied landfill data		0	4	557742 111391
	Local Authority Landfill Coverage Name: Wealden District Council - Has supplied landfill data		0	3	557742 111391
66	Local Authority Recorded Landfill Sites Location: Horsebridge Pumping Station, Upper Horsebridge Reference: 1-247 Authority: East Sussex County Council, Waste Management Group Last Reported Status: Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A13SE (SE)	98	4	557900 111300
67	Local Authority Recorded Landfill Sites Location: Bakers Farm, Upper Horsebridge Reference: 1-158 Authority: East Sussex County Council, Waste Management Group Last Reported Status: Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Applicable	A14SW (E)	373	4	558200 111300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Local Authority Recorded Landfill Sites Location: Back Lane, Junction With A267, Hellingly Reference: 1-244 Authority: East Sussex County Council, Waste Management Group Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A17SE (NW)	495	4	557309 111783
69	Local Authority Recorded Landfill Sites Location: Rutland Cottages, Hailsham Reference: 1-274 Authority: East Sussex County Council, Waste Management Group Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A9SW (SE)	787	4	558243 110701
70	Registered Landfill Sites Licence Holder: Hellingly Parish Council Licence Reference: 050 Site Location: West Of Mill Bridge, Upper Horsebridge, Hailsham, East Sussex Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 212 London Road, Hellingly, Hailsham, East Sussex 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: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 19th October 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Construction And Demolition Wastes Prohibited Waste: Waste N.O.S	A13SE (SE)	102	2	557905 111300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Wealden Group	A13SW (N)	0	1	557742 111391
71	BGS Recorded Mineral Sites Site Name: Ruckland Cottages Brick Works Location: , Hailsham, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157445 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	780	1	558183 110675
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	9	1	557722 111318
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	208	1	557847 111151
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	9	1	557722 111318
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	208	1	557847 111151
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	9	1	557722 111318
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	146	1	557539 111498
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	208	1	557847 111151
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	120	1	557790 111559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	182	1	557961 111510
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	213	1	558006 111498
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	557742 111391

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Contemporary Trade Directory Entries Name: Wealden Cooking Oil & Fats Location: 1, North Street, Horsebridge, Hailsham, East Sussex, BN27 4DR Classification: Oil Recycling & Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	64	-	557739 111506
73	Contemporary Trade Directory Entries Name: Active Appliances Location: Lucanara, Lower Horsebridge, HAILSHAM, East Sussex, BN27 4DL Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	111	-	557564 111442
74	Contemporary Trade Directory Entries Name: Horsebridge Motor Co Location: Lower Horsebridge, Hailsham, East Sussex, BN27 4DH Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (W)	207	-	557486 111338
75	Contemporary Trade Directory Entries Name: Cole Engineering Location: Old Mill, Upper Horsebridge, Hailsham, East Sussex, BN27 3BD Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	280	-	558110 111324
76	Contemporary Trade Directory Entries Name: All Sussex Electrical Service Location: 11, Sheppey Walk, Hailsham, East Sussex, BN27 3BR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	297	-	558031 111150
77	Contemporary Trade Directory Entries Name: Love Your Wheelie Location: 20, Anglesey Avenue, Hailsham, East Sussex, BN27 3BH Classification: Wheelie Bin Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	384	-	558020 111038
78	Contemporary Trade Directory Entries Name: Adjustingtime Location: 18, Hedley Way, Hailsham, East Sussex, BN27 3FZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	446	-	558160 111069
79	Contemporary Trade Directory Entries Name: G R Restorations Location: Rockall Dr, Hailsham, East Sussex, BN27 3BG Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	497	-	558048 110924
80	Contemporary Trade Directory Entries Name: Total (Uk) Ltd Location: Boship Service Area, Lower Dicker, Hailsham, East Sussex, BN27 4DP Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	638	-	557061 111255
80	Contemporary Trade Directory Entries Name: Total Convenience Stores Location: Boship Service Area, Lower Dicker, Hailsham, East Sussex, BN27 4DP Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	638	-	557061 111255
80	Contemporary Trade Directory Entries Name: Shell - Boship Location: Lower Dicker, Hailsham, East Sussex, BN27 4DP Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	647	-	557052 111256
81	Contemporary Trade Directory Entries Name: Domestic Helping Hands Location: 82, Upper Horsebridge, Hailsham, East Sussex, BN27 1NY Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	712	-	558531 111227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	Contemporary Trade Directory Entries Name: M W Automation Location: 38, Lansdowne Drive, Hailsham, East Sussex, BN27 1LP Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	712	-	558451 111019
83	Contemporary Trade Directory Entries Name: Llamas Photographic Location: 8, Arran Close, Hailsham, East Sussex, BN27 3DZ Classification: Photographic Equipment Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	723	-	558124 110710
84	Contemporary Trade Directory Entries Name: Pest Control Solutions Ltd Location: 44, Lansdowne Way, Hailsham, East Sussex, BN27 1LT Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	750	-	558539 111117
85	Contemporary Trade Directory Entries Name: S D R Conservation Location: 92, Upper Horsebridge, Hailsham, East Sussex, BN27 1NY Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	767	-	558583 111212
86	Contemporary Trade Directory Entries Name: Incleanation Location: 23, Farne Close, Hailsham, East Sussex, BN27 3DF Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	791	-	557985 110581
87	Contemporary Trade Directory Entries Name: Level Fencing Services Location: 20, Medway, Hailsham, East Sussex, BN27 3HE Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	847	-	558189 110603
88	Contemporary Trade Directory Entries Name: Adustingtime Location: 18, Hedley Way, Hailsham, East Sussex, BN27 3FZ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	859	-	557850 110476
88	Contemporary Trade Directory Entries Name: South Coast Oven Cleaners Location: 18, Hedley Way, Hailsham, East Sussex, BN27 3FZ Classification: Oven cleaning Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	859	-	557850 110476
89	Contemporary Trade Directory Entries Name: B J Powell Location: 1, Lansdowne Gardens, Hailsham, East Sussex, BN27 1LQ Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	880	-	558496 110793
90	Contemporary Trade Directory Entries Name: Shep Plastics Ltd Location: The Old Pottery, Lower Dicker, Hailsham, East Sussex, BN27 4AT Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	884	-	556823 111198
91	Contemporary Trade Directory Entries Name: Livingcards Location: 16, Cromer Way, Hailsham, East Sussex, BN27 3DW Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	979	-	558216 110471
92	Contemporary Trade Directory Entries Name: Haulage & Transport Services Ltd Location: 1, Station Road, Hellingly, Hailsham, East Sussex, BN27 4EU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	998	-	558588 112035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Fuel Station Entries Name: Horsebridge Service Station Location: Lower Horsebridge, Horsebridge, HAILSHAM, East Sussex, BN27 4DH Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A13SE (E)	56	-	557890 111370
94	Fuel Station Entries Name: Shell Boship Location: Boship Roundabout, A267, Lower Dicker, Hailsham, East Sussex, BN27 4DP Brand: Shell Premises Type: Service Area Status: Open Positional Accuracy: Manually positioned to the address or location	A12SW (W)	647	-	557050 111261

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Ancient Woodland Name: Poultry Houses Shaw 2 Reference: 1481710 Area(m ²): 1572.2 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	155	5	557924 111246
96	Ancient Woodland Name: Poultry Houses Shaw Reference: 1481711 Area(m ²): 8812.1 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	204	5	557863 111161
97	Ancient Woodland Name: Horselunges Wood 2 Reference: 1482503 Area(m ²): 7936.96 Type: Ancient and Semi-Natural Woodland	A14SW (E)	562	5	558394 111323
98	Ancient Woodland Name: Horselunges Wood Reference: 1481740 Area(m ²): 6225.85 Type: Ancient and Semi-Natural Woodland	A14NW (E)	584	5	558390 111551
99	Ancient Woodland Name: Hempstead Farm Shaw Reference: 1481674 Area(m ²): 15452.55 Type: Ancient and Semi-Natural Woodland	A7SE (S)	934	5	557370 110447
100	Ancient Woodland Name: Tile Hurst 2 Reference: 1481675 Area(m ²): 55301.99 Type: Ancient and Semi-Natural Woodland	A3NW (S)	976	5	557663 110346
101	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A19SW (NE)	615	6	558148 111930
102	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A9NE (SE)	777	6	558500 110972

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

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2016	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Sussex Area	May 2016 May 2016	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Sussex Area	April 2016 April 2016	Quarterly Quarterly
Local Authority Landfill Coverage East Sussex County Council - Waste Management Group Wealden District Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Wealden District Council - Environmental Health Department East Sussex County Council - Waste Management Group	December 2004 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements East Sussex County Council - Development Minerals & Waste Wealden District Council	February 2016 February 2016	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents East Sussex County Council - Development Minerals & Waste Wealden District Council	February 2016 February 2016	Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	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	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Wealden District Council - Environmental Health Department Council Offices, Vicarage Lane, Hailsham, East Sussex, BN27 2AX	Telephone: 01323 442666 Fax: 01323 443333 Website: www.wealden.gov.uk
4	East Sussex County Council - Waste Management Group St. Annes Crescent, Lewes, East Sussex, BN7 1UE	Telephone: 01273 481000 Website: www.eastsussexcc.gov.uk
5	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr M Smeeth, Constructive Evaluation, Unit 15 & 16, Ford Lane Business Park, Ford, Arundel, West Sussex, BN18 0UZ

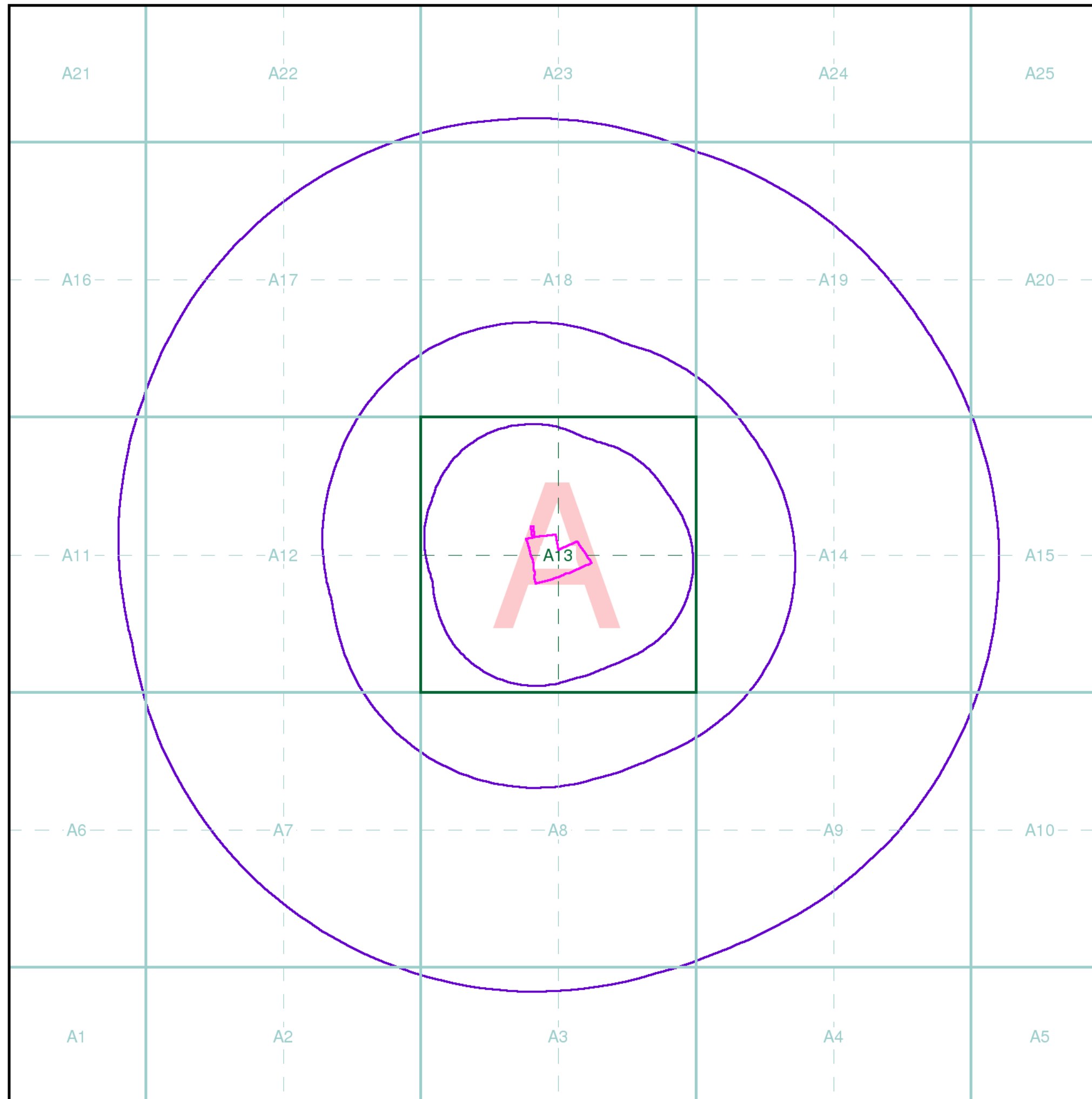
Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

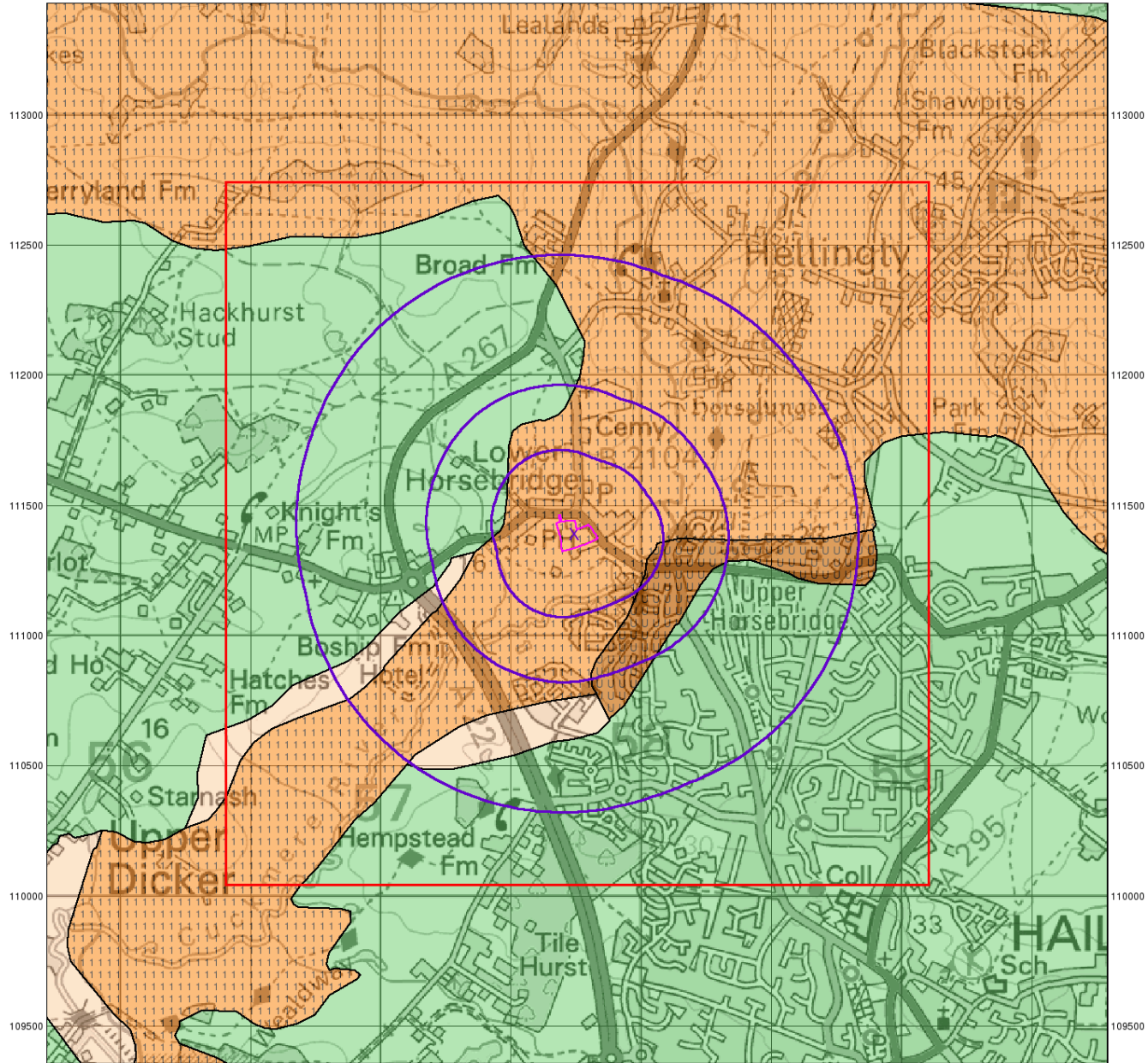
Site Details

Lower Horsebridge, Hailsham, BN27 4DL

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



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Groundwater Vulnerability

General

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

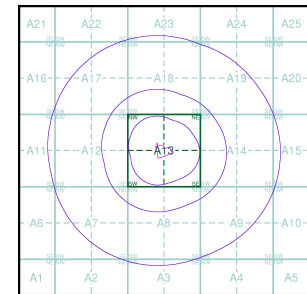
Agency and Hydrological

Geological Classes

- | | | |
|---|---|-----------------------|
| Major Aquifer
(Highly Permeable) | | High (H) 1, 2, 3, U |
| | | Intermediate (I) 1, 2 |
| | | Low |
| Minor Aquifer
(Variably Permeable) | | High (H) 1, 2, 3, U |
| | | Intermediate (I) 1, 2 |
| | | Low |
| Non Aquifer
(Negligibly Permeable) | | |
| Water or Sea | | |
| Drift Deposit | ⋯ | |

Soil Classes

Site Sensitivity Context Map - Slice A



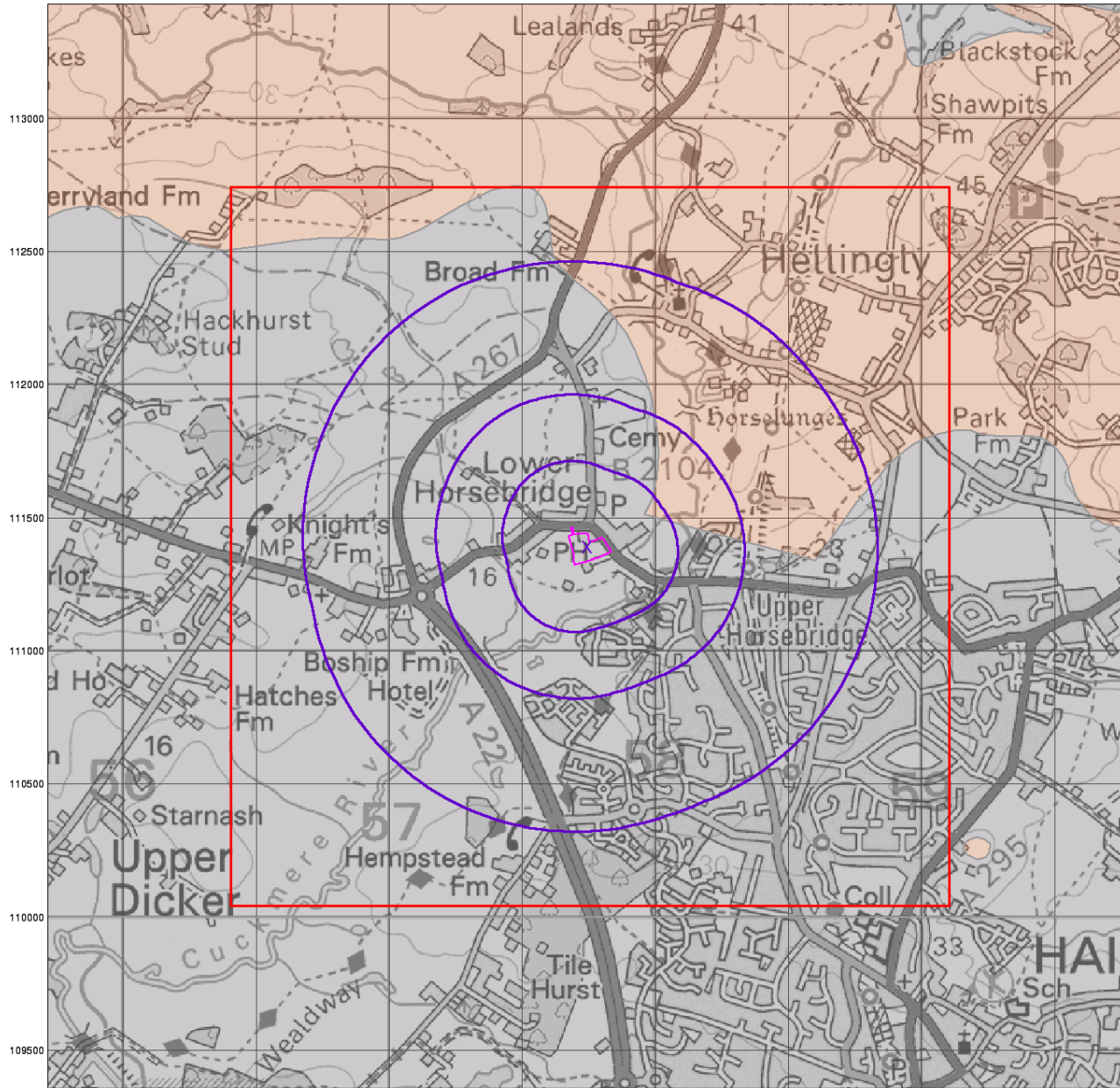
Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL

556000 556500 557000 557500 558000 558500 559000 559500



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0 1 km

Bedrock Aquifer Designation

General

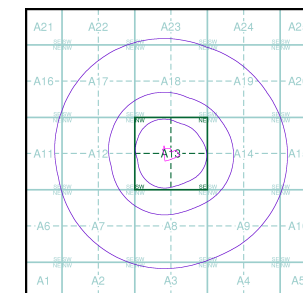
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

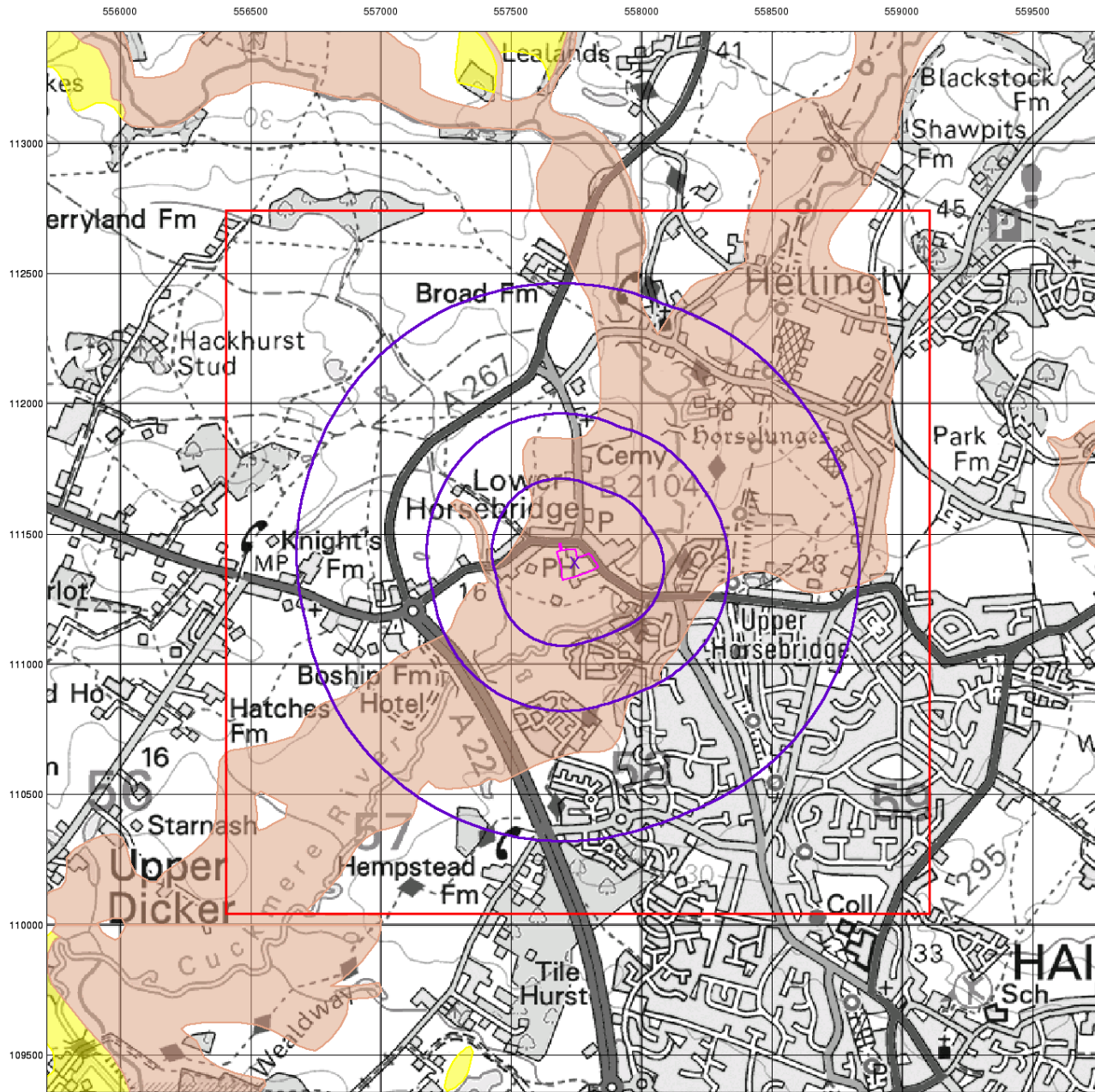


Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL



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Superficial Aquifer Designation

General

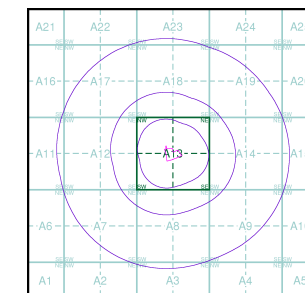
- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

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

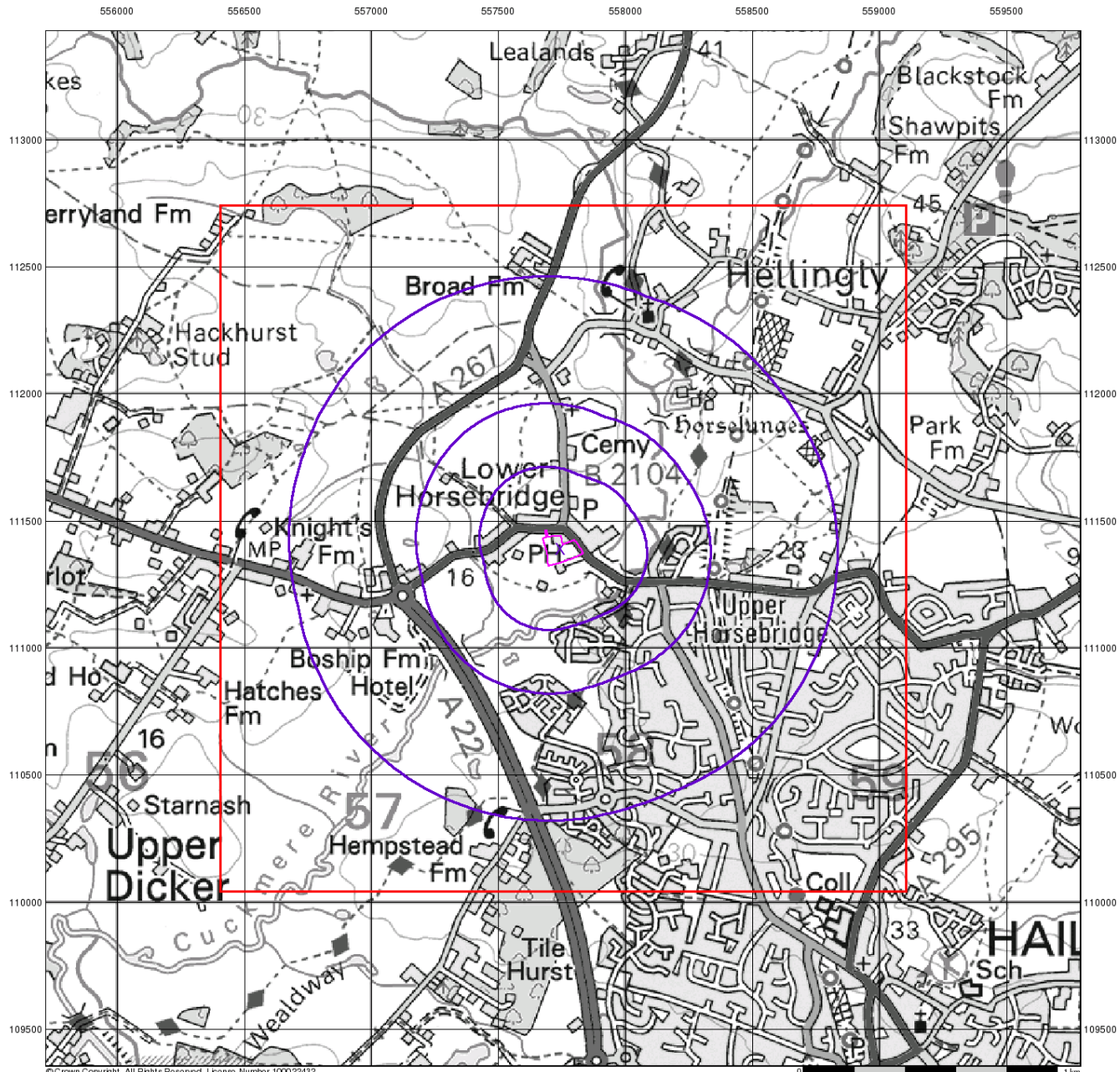


Order Details

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Site Details

Lower Horsebridge, Hailsham, BN27 4DL



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Source Protection Zones

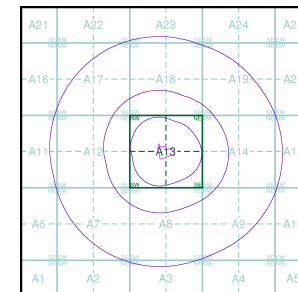
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

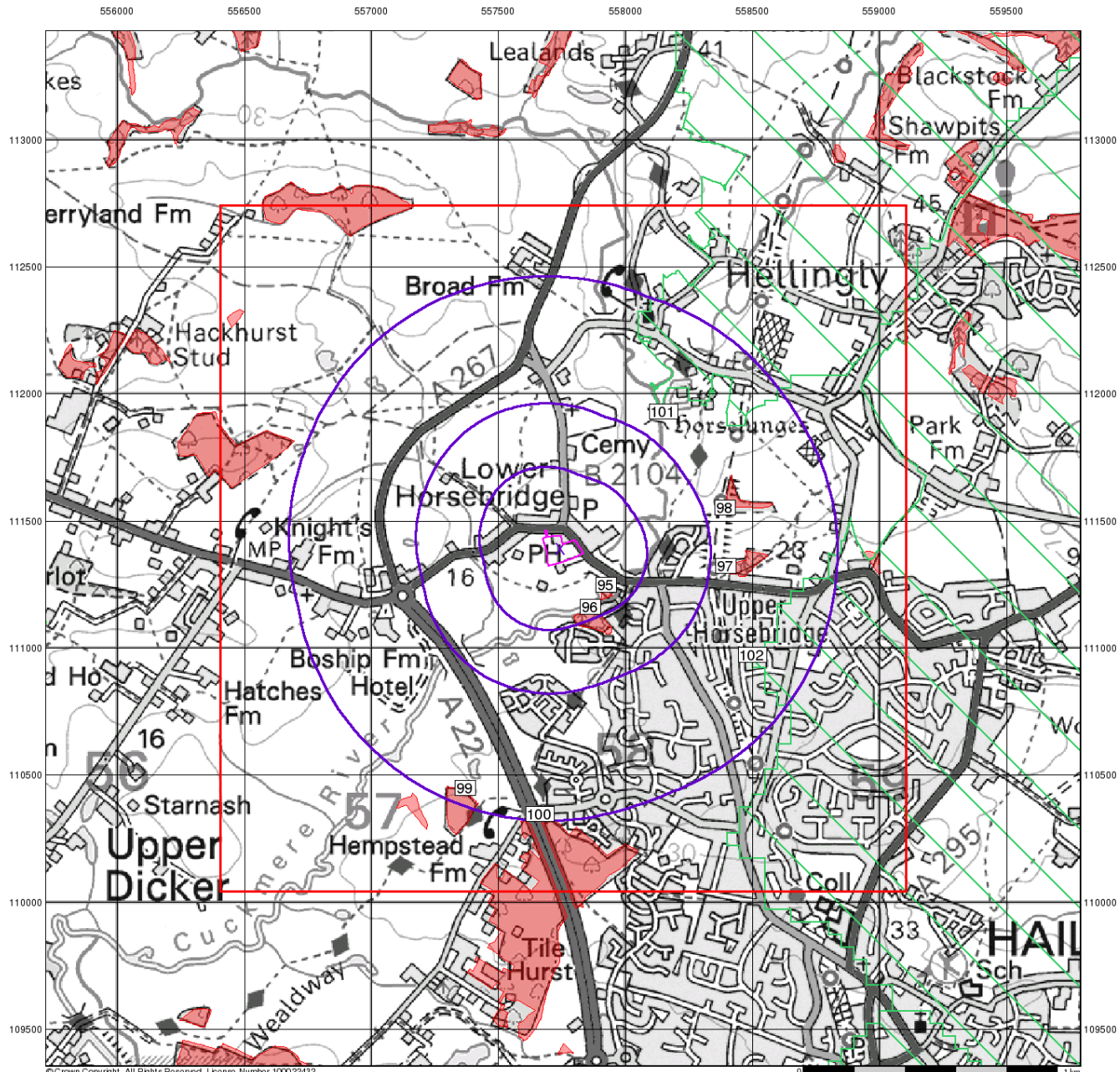


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Site Details

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Sensitive Land Uses

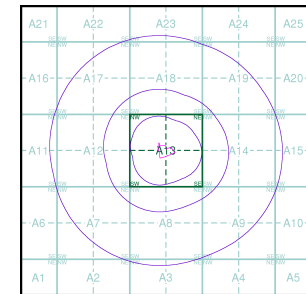
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

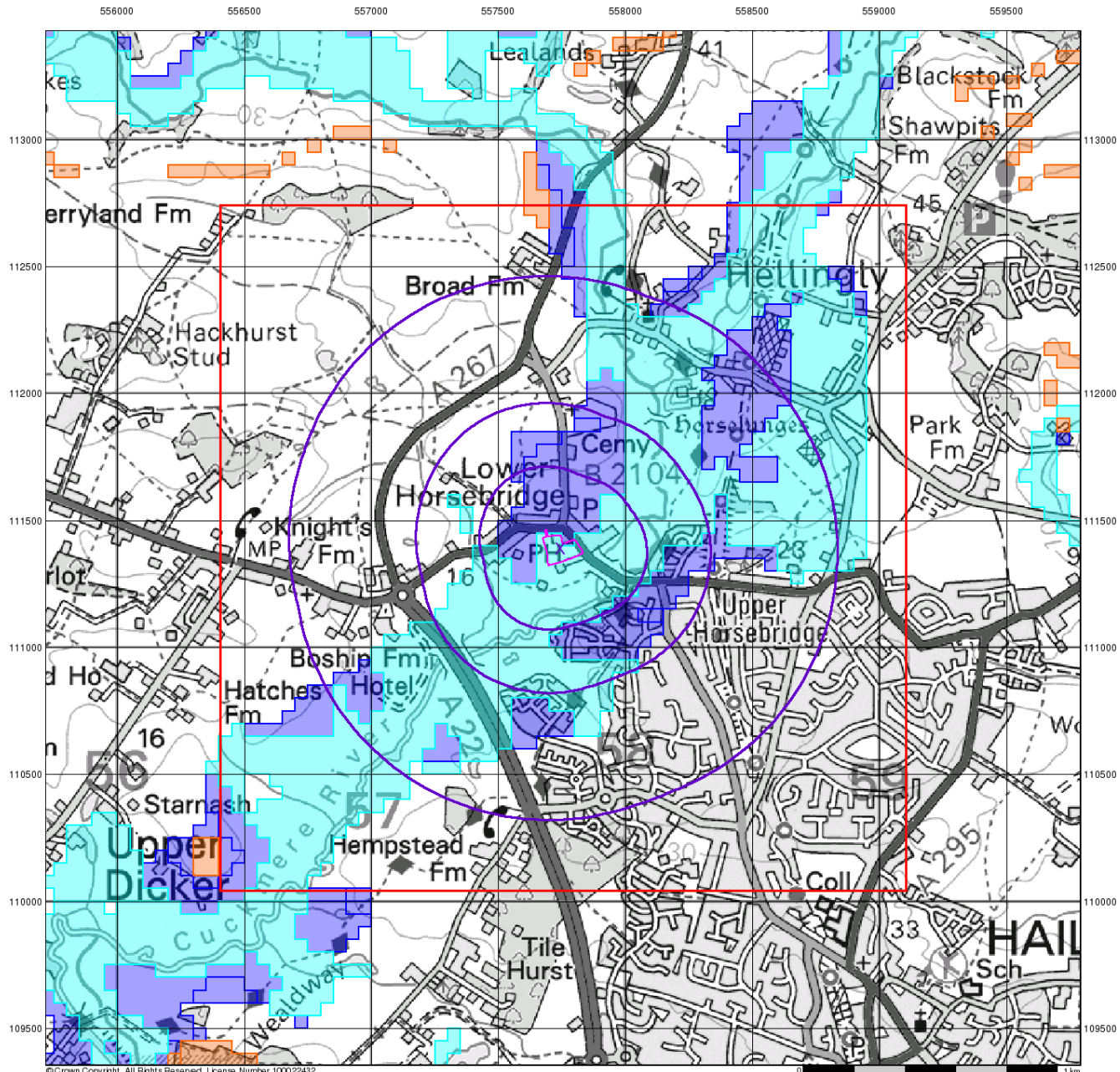


Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
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 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL



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BGS Flood GFS Data

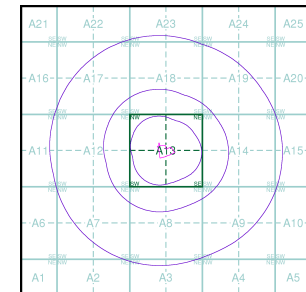
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A

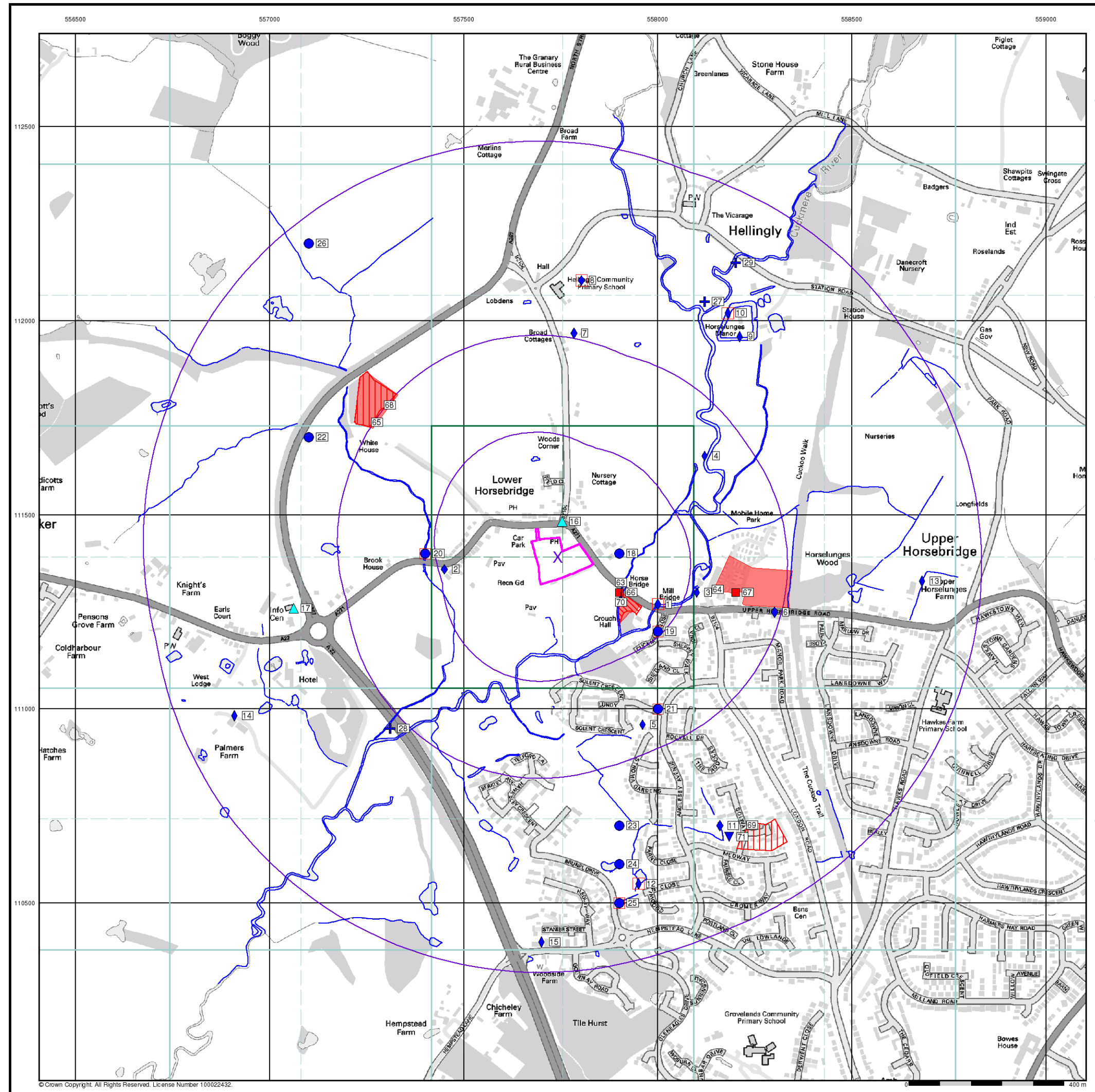


Order Details

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 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
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 Site Area (Ha): 1.17
 Search Buffer (m): 1000

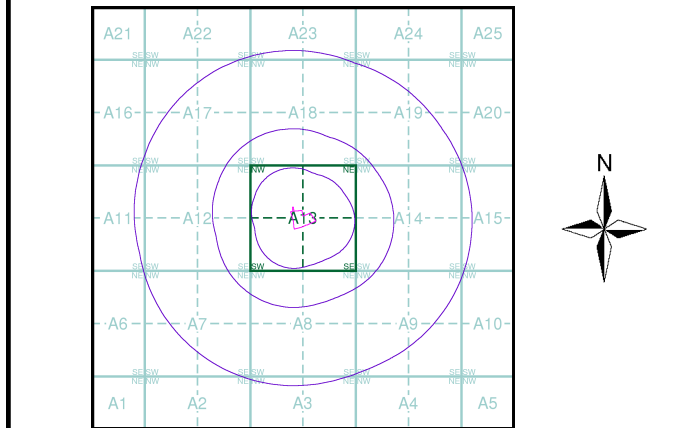
Site Details

Lower Horsebridge, Hailsham, BN27 4DL



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice A



Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details
 Lower Horsebridge, Hailsham, BN27 4DL

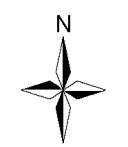
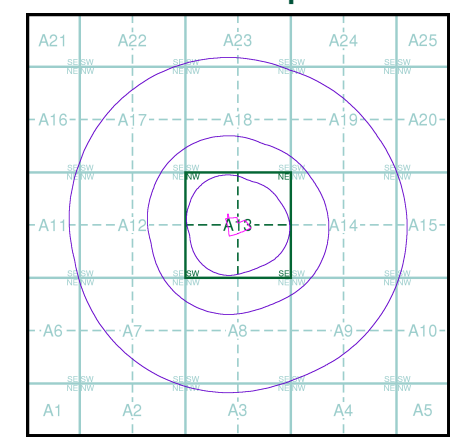
556500 557000 557500 558000 558500 559000

Industrial Land Use Map

- General**
- Specified Site
 - Slice
 - Specified Buffer(s)
 - Map ID
 - Bearing Reference Point
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Gas Pipeline
 - Underground Electrical Cables



Industrial Land Use Map - Slice A



Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL

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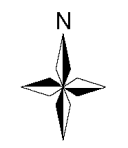
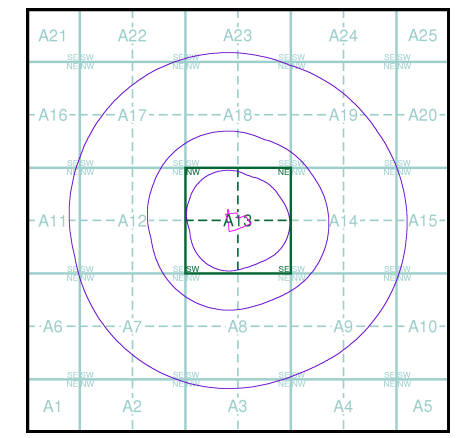
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL

556500 557000 557500 558000 558500 559000



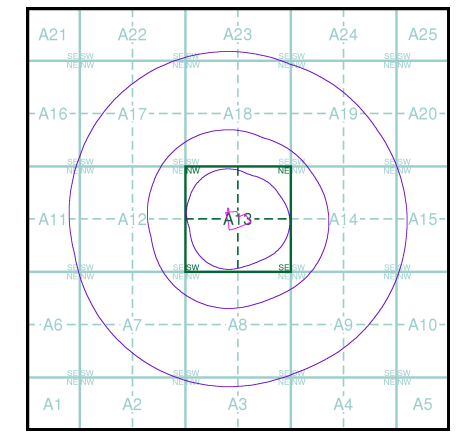
- General**
- ▭ Specified Site
 - Specified Buffer(s)
 - X Bearing Reference Point
 - Map ID
 - Several of Type at Location

- Agency and Hydrological (Boreholes)**
- BGS Borehole Depth 0 - 10m
 - BGS Borehole Depth 10 - 30m
 - BGS Borehole Depth 30m +
 - Confidential
 - Other

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

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

Borehole Map - Slice A





Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000















Site Details
 Lower Horsebridge, Hailsham, BN27 4DL

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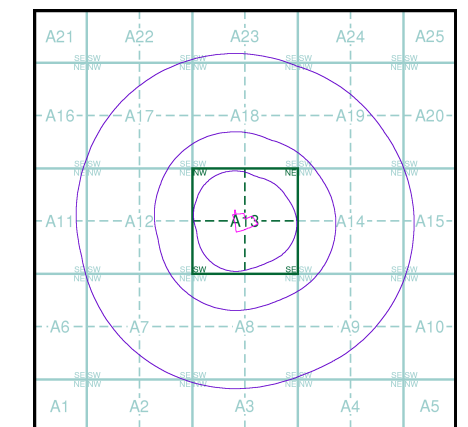
General

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

Detailed River Network Data

- | | |
|--|---|
|  Primary River |  Extended Culvert (greater than 50m) |
|  Secondary River |  Underground River (inferred) |
|  Tertiary River |  Underground River (local knowledge) |
|  Canal |  Downstream of High Water Mark |
|  Canal Tunnel |  Downstream of Seaward Extension |
|  Undefined River |  Not assigned River feature |
|  Lake/Reservoir | |
|  Offline Drainage Feature | |

EANRW Detailed River Network Map - Slice A



Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

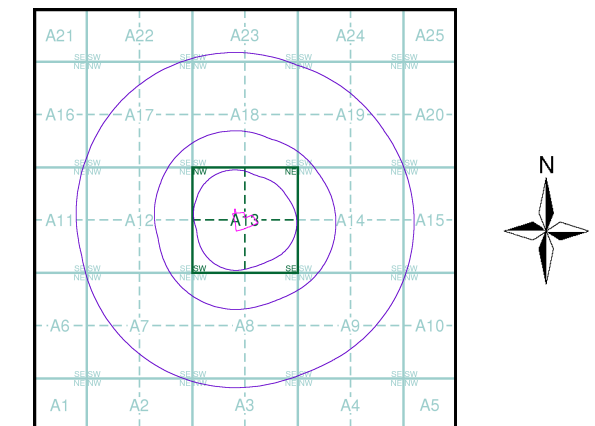
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1878	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1910 - 1911	4
Sussex	1:10,560	1910	5
Sussex	1:10,560	1932	6
Sussex	1:10,560	1951 - 1952	7
Ordnance Survey Plan	1:10,000	1961	8
Ordnance Survey Plan	1:10,000	1971	9
Ordnance Survey Plan	1:10,000	1980	10
10K Raster Mapping	1:10,000	2000	11
Street View	1:10,000	2016	12

Historical Map - Slice A



Order Details

Order Number: 91223631_1_1
 Customer Ref: 16.9179
 National Grid Reference: 557740, 111390
 Slice: A
 Site Area (Ha): 1.17
 Search Buffer (m): 1000

Site Details

Lower Horsebridge, Hailsham, BN27 4DL

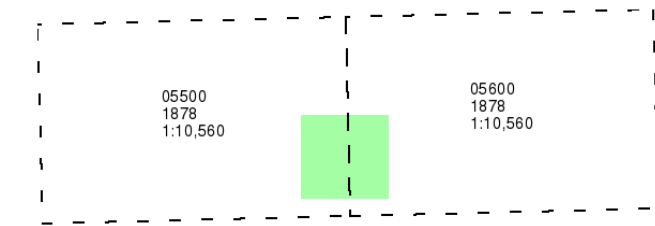
Sussex

Published 1878

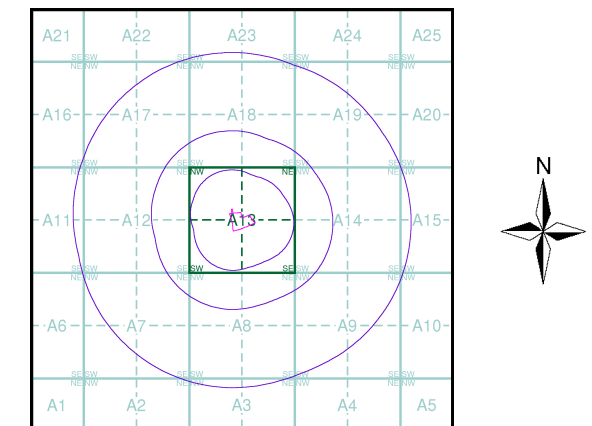
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



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