CLEVE HILL SOLAR PARK

ENVIRONMENTAL STATEMENT
VOLUME 4 - TECHNICAL APPENDIX A10.3
PHASE 1 PRELIMINARY SITE ASSESSMENT

November 2018
Revision A

Document Reference: 6.4.10.3
APFP Regulation: 5(2)(a)

www.clevehillsolar.com

CLEVE HILL
SOLAR PARK

Cleve Hill Solar Park, Kent

Phase 1 Preliminary Site Assessment

Curtins Ref: 066705-CUR-00-XX-RP-GE-001

Revision: V01

Issue Date: 31 January 2018

Client Name: Cleve Hill Solar Park Ltd

Client Address: Woodington House, Woodington Rd, East Wellow, Romsey, Hampshire, SO51 6DQ

Site Address: Land near village of Graveney, Faversham, Kent

Curtins
Merchant Exchange
17-19 Whitworth Street West
Manchester, M1 5WG
Tel: 0161 236 2394
www.curtins.com

CIVILS & STRUCTURES • TRANSPORT PLANNING • ENVIRONMENTAL • INFRASTRUCTURE • GEOTECHNICAL • CONSERVATION & HERITAGE • PRINCIPAL DESIGNER

Birmingham • Bristol • Cambridge • Cardiff • Douglas • Dublin • Edinburgh • Glasgow • Kendal • Leeds • Liverpool • London • Manchester • Nottingham

Rev	Description	Issued by	Checked	Date

This report has been prepared for the sole benefit, use, and information for the client. The liability of Curtins Limited with respect to the information contained in the report will not extend to any third party.

Author	Signature	Date
Amber Hatch-Walling BSc (Hons) Graduate Geo-Environmental Engineer	[redacted]	31 January 2018

Reviewed	Signature	Date
S Hyde BSc (Hons) MSc Senior Geo-Environmental Engineer	[redacted]	31 January 2018

Authorised	Signature	Date
G Behrens BSc (Hons) MCIWEM FGS Principal	[redacted]	31 January 2018

Executive Summary

Appointment	In January 2018 Curtins were instructed by Cleve Hill Solar Park Ltd to undertake a Phase 1 Desk Study of a site located on land northwest of the village of Graveney, Faversham, Kent, ME13 9DL. The site is centered on NGR 604480, 163400 and covers an area of approximately 402 Ha. It is understood that redevelopment proposals comprise a Solar Park including switchyard, switch rooms, substation, control room and office, WC and shower, along with a few storage rooms.
Current Site Status	The site is currently two marshes used as agricultural land and is accessible through Graveney and London Array Onshore Substation. The site appears relatively flat with no discernible sloping.
Site History	In the earliest mapping dating from 1870, the site is predominantly shown as marsh used as agricultural fields and includes several sheepfolds scattered across the site and two cottages Cleve Cottage and Kye Cottage located centrally. It remains the same until 1877 when various Sheepwash baths have been constructed within the sheepfolds. Cleve Cottage has been redeveloped and Kye Cottage is no longer mapped. Mapping shows a small clay pit located in the southeast with close proximity to Graveney Hill in 1877-1906, which later became a pond. Cleve Cottage is no longer mapped from the 1960s. 1992-2013 shows the addition of London Array Onshore substation in the east with the site predominantly remaining unchanged.
Geology	Published geological mapping records show that the site is underlain by Alluvium superficial deposits which overlie the London Clay Formation. No faults lie on the site or within 500m of the surrounding area.
Hydrogeology	The superficial deposits of Alluvium are classified as a Secondary Undifferentiated Aquifer, with the bedrock geology of the London Clay formation classified as unproductive strata. There are no groundwater abstractions within 500m of the site and the site is not located within a source protection zone.
Hydrology	The site is traversed by a number of drains. There are no Pollution Incidents on or within 500m of the site. There are 5 surface water abstractions on the site to the east, with 24 surface water abstractions recorded within 500m of the site, all of which are used for general agriculture and authorised by the Environment Agency – Southern Region. There are two discharge consents within 500m of the site, these are both the Environment Agency. Both of which are sewage, one into an unnamed tributary of the Swale (fresh water stream/river) and the other into a pond with no outlet. The majority of the site is classed as at risk from flooding from Rivers or Sea (EA Classified Zone 3), but is shown to be in area benefitting from flood defences.
Initial Ground Contamination Assessment	The risk posed to site end users by direct contact, ingestion and inhalation with contaminants on site is assessed as **Low** while the risk posed to construction workers is assessed as Low, accounting for appropriate PPE and construction management. This is due to the lack of historical development and demolition, as the site has predominantly stayed agricultural fields/marshes. The overall risk posed to the nearest surface water feature is assessed as **Low**, given that there are 5 surface water abstractions in the eastern area of the site and 24 surface water abstractions within 500m of the site; all for agricultural use. There are a number of water features on the site (drains). The overall risk posed to the groundwater on the site is **Very Low** due to the site not being located in a source protection zone and underlain by non-sensitive aquifers within the superficial and bedrock strata. The risk posed by ground gas sources is assessed as **Moderate/Low**, as the site is not located within an area of coal mining; and anticipating possible Made Ground and/or organic materials within the soils.
Recommendations	The following recommendations are made for further work; • Undertake an intrusive ground investigation; • Undertake a Generic Quantitative Risk Assessment as part of the ground investigation; and • Undertake Ground Gas Monitoring.

066705-CUR-00-XX-RP-GE-001 Cleve Hill Solar Park, Kent
Phase 1 Preliminary Site Assessment

Table of Contents

1.0 Introduction 1
1.1 Project Background 1
1.2 Scope of Services 1
2.0 Current Site and Surrounding Area Details 2
2.1 Site Location and Current Details 2
2.2 Surrounding Area Details 3
3.0 Site History 4
4.0 Geology, Hydrogeology and Hydrology 6
4.1 Geology and Hydrogeology 6
4.1.1 Mining 7
4.1.2 Other Ground Stability Issues 7
4.1.3 Ground Gas 7
4.2 Hydrology 8
5.0 Unexploded Ordnance Risk Assessment 9
5.1 Preliminary UXO Assessment 9
6.0 Conceptual Site Model & Qualitative Risk Assessment 10
6.1 Additional Risk Assessments 10
7.0 Conclusion and Recommendations 12
7.1 Contaminants of Concern 12
8.0 References 13

Appendices

Appendix A – Drawings
Appendix B – Envirocheck Report
Appendix C – Qualitative Risk Assessment Rationale

1.0 Introduction

1.1 Project Background

1.1.1 In January 2018 Curtins were instructed by Cleve Hill Solar Park Ltd to undertake a Phase 1 Preliminary Risk Assessment of a site at Cleve Hill Solar Park, Faversham, Kent.

1.2 Scope of Services

1.2.1 The Phase 1 is intended to provide an overview of the geo-environmental and geotechnical setting of the site, prior to redevelopment into a solar park. A proposed development drawing is included in Appendix A.

1.2.2 Through this overview, the Phase 1 aims to develop both a working conceptual and ground model for the site, as well as present an initial assessment of any risks that could be presented to the development including its intended end users and the wider environment.

1.2.3 Specifically, the Phase 1 provides an initial assessment of the site regarding:

a) Potential contamination of the site strata by historical and or current use;
b) The potential impact on the wider environment by historical and or current use of the site of interest;
c) The potential impact from surrounding land uses and other environmental factors;
d) Potential problems associated with geological features such as faulting, mineral extraction, mining and land instability;
e) The location of apparent sub-surface structures that may affect the proposed redevelopment; and
f) The location of above-surface features that may affect the proposed redevelopment.

2.0 Current Site and Surrounding Area Details

2.1 Site Location and Current Details

2.1.1 Site use, location and description are shown below in Table 2.1 and Figure 2.1.

Table 2.1 – *Site Details*

Site Address	Warm House Lane, Graveney, Faversham, Kent, ME13 9DL.
NGR	604480, 163400
Area of Site	Approximately 402.25 (Ha)
Current Site Use and Description	An Envirocheck report was obtained for the site along with the use of Google Earth imagery which the following pertinent details were recorded from: • The site is predominately farm land with the Nagden Marshes to the west and the Cleve Marshes to the east; • The site appears relatively flat; • An Electrical Substation is located to the east (Zone 3) in close proximity to Seasalter Rd; and • A sea wall leading onto the Swale Estuary forms the northern boundary.

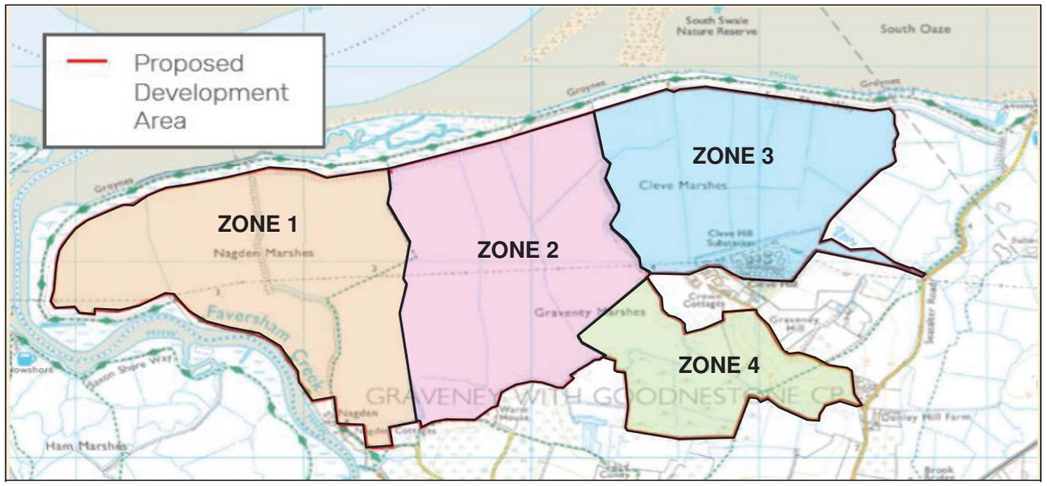


Fig 2.1 – *Site Location Plan showing four zones for ease of reference within this report.*

066705-CUR-00-XX-RP-GE-001 Cleve Hill Solar Park, Kent
Phase 1 Preliminary Site Assessment

2.1.2 Figure 2.1 shows the site boundary and location. The site has been divided into four different zones due to its large size, for ease of reference throughout this report.

Zone 1 covers the Nagden Mashes and the west of the site.

Zone 2 includes the central portion of the site and Greaney Marshes.

Zone 3 includes the east of the site with Cleve Marshes and Cleve Hill Substation.

Zone 4 covers the south-east corner of the site, close to Graveney.

2.2 Surrounding Area Details

2.2.1 The following information was also established through undertaking an environmental database search (Envirocheck report (Ref. 1) included in Appendix B).

Table 2.2 – *Surrounding Area*

Surrounding Area	**N**	The site is marked by a ditch running east to west at the top of the site through Zones 1, 2 and 3 and with the Swale Estuary beyond this.
	E	A ditch forms the eastern site boundary in Zone 3, with mainly agricultural land (Cleve Marshes) with various ditches running throughout. Cleve Hill Substation lies in the east in close proximity to Cleve Hill Farm.
	S	Further ditches form the southern site boundary beyond which is predominantly agricultural land, three reservoirs with the closest being 40m away from the site boundary between Zone 2 and 4, with the other two within 400m. The Kent Coast railway line running northeast to southwest and a local farm.
	W	Agricultural land (Nagden Marshes) extends westwards within Zone 1, beyond which is The Swale Estuary leading into the one of the two tributaries of The Swale.

3.0 Site History

3.1.1 A review of the available historical mapping and other information for onsite (bold) and offsite, as presented within the Envirocheck report (Ref.1), has been undertaken and is presented in Table 3.0 below.

Table 3.0 *Previous Site and Surrounding Area Uses and Potential Sources of Contamination, bold writing indicates historical onsite sources and unbold writing is offsite sources.*

Date	Description (Bold on site)	Potential Sources of Contamination
1877	**The site is predominantly shown as agricultural fields with the west (Zone 1) showing Nagden Marshes and the east (Zone 3) as Cleve Marshes. Kye Cottage is located north centre on the central boundary of Zone 1 and 2. Cleve cottage located to the east in Zone 2. Several sheepfolds are present across the site.** A few small residential properties and farm buildings are present surrounding the site, with numerous ditches throughout the agricultural land. Faversham Creek lies to the west just outside the site boundary. A pond is mapped 90m west. The Swale estuary to the north leads into two tributaries one of which lies to the west.	• Potential made ground associated with Kye and Cleve Cottage.
1877-1909	**Various Sheepwash baths have been developed within the sheepfolds on site. Cleve cottage has been developed and extended. Kye Cottage in the middle of the site is no longer mapped. In 1898 a clay pit is mapped in the south-eastern corner of Zone 4.** Development of Nagden in the south of Zone 1, along with Sandbanks properties.	• Potential for contamination from the various sheepwash present on the site. • Potential made ground from development of cottage.
1909-1966	**The clay pit in the south-eastern corner of Zone 4, is now mapped as a pond.** Just outside the southern site boundary, numerous fields have been planted with trees. Graveney to the south east just outside the site boundary has been developed along with Graveney Hill Farm.	• Limited potential for contamination local to the site.
1967-1999	**Cleve Cottage is no longer mapped. In 1987-1989 many of the drains across the site are no longer mapped.** Cleve Farm and Crown Cottages have been developed to the east of Cleve Cottage. The development of Nagden cottages, Sandbanks Farm, and Graveney extending south.	• Potential for contamination from the demolition of Cleve Cottage to the south east of Zone 3.
1999-2006	**The site remains the same.** Crown Cottages and Cleve Farm have been developed with small development in the surrounding area.	• Limited potential for contamination local to the site.

Date	Description (Bold on site)	Potential Sources of Contamination
2006 - 2017	**The addition of London Array Onshore substation in the east.** Development of reservoirs within 400m south of the site.	• Potential contamination from the development of the onshore substation.

3.1.2 Potential sources of onsite contamination are further discussed in the Conceptual Site Model contained within Section 6.0.

4.0 Geology, Hydrogeology and Hydrology

4.1 Geology and Hydrogeology

4.1.1 A study of the Envirocheck records, British Geological Survey (BGS) 1:50,000 mapping records (Bedrock and Superficial Editions) for Graveney, Kent (Envirocheck (Ref 1) and (BGS Viewer (Ref 2) indicates the following geological and hydrogeological succession underlying the site:

Table 4.1a – *Geological/Hydrogeological Succession*

Geology	Associated Hydrogeological Classification
Alluvium[1]	Secondary Undifferentiated Aquifer[3]
London Clay Formation[2]	Unproductive Strata[4]

Notes:
1. Normally soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.
2. The London Clay mainly comprises bioturbated or poorly laminated, blue-grey or grey-brown, slightly calcareous, silty to very silty clay, clayey silt and sometimes silt, with some layers of sandy clay. It commonly contains thin courses of carbonate concretions ('cementstone nodules') and disseminated pyrite. It also includes a few thin beds of shells and fine sand partings or pockets of sand, which commonly increase towards the base and towards the top of the formation.
3. Secondary Undifferentiated Aquifers have been assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.
4. These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

Table 4.1b – BGS Borehole Records

Record Number	Location (NGR)	Details (thickness/ lithology/ designation/depth to top)
TR06SE2	500m north-east (606140, 164680)	– 0.30m TOPSOIL – 1.80m Brown CLAY. – 11.20m Soft brown CLAY. – 1.50m CLAY and black pebbles. – 1.80m Dirty GRAVEL. – 20.10m Green SAND. – 9.10m Sandy CLAY with traces of shell. – 11.5 Grey sandy CLAY. – 2.10m Green SAND. – 1.80m Green FLINT. – 18.20m Silty CHALK or FLINT.

066705-CUR-00-XX-RP-GE-001 Cleve Hill Solar Park, Kent
Phase 1 Preliminary Site Assessment

4.1.2 There are no faults present on the site or within 500m of the surrounding area with reference to the Envirocheck report (Ref 1).

4.1.3 The west of the site (Zone 1) is located within an environmentally sensitive area.

4.1.4 The site is not located within a source protection zone. The nearest groundwater abstraction point is located 1917m away and is operated by the Environment Agency Southern Region for general farming and domestic.

4.1.5 The nearest BGS recorded borehole (Ref.2) is located 500m north-east the site boundary, given the distance of the borehole from the site it cannot be assumed that it accurately represents the on-site geology, however details are presented within Table 4.1b on the previous page:

4.2 Mining

4.2.1 The site is in a development low risk area due to the absence of coal seams on site and within 500m of the site.

4.3 Other Ground Stability Issues

4.3.1 Envirocheck confirms there is a very low to moderate ground stability potential for the following: Collapsible, Compressible, Ground Dissolution, Landslides, Running Sand and Shrinking or Swelling Ground Stability Hazards.

4.4 Ground Gas

4.4.1 The BGS Radon Mapping (Ref.3) confirms the site is situated in a lower to intermediate probability radon area where 1% - 3% of homes are at or above the radon action level.

4.4.2 his basis radon protection measures are not considered necessary in the construction of new dwellings or extensions. (UK Radon Map, (Ref.3)).

4.4.3 There are no potentially infilled land (water) on or within 500m of the site.

4.4.4 There are four potentially infilled Land (Non-Water) within 500m of the site. Two are within 0m of the site located to the east and two 353 – 484m located south-east. These may indicate a source of potential ground generating gases.

4.4.5 There is one historical landfill site recorded 455m south east of the site.

4.5 Hydrology

4.5.1 The site is traversed by a number of drains.

4.5.2 There are no Pollution Incidents on or within 500m of the site.

4.5.3 There are 5 surface water abstractions on the site to the east, with 29 surface water abstractions recorded within 500m of the site, all of which used for general agriculture and authorised by the Environment Agency – Southern Region.

4.5.4 There are two discharge consents within 500m of the site, these are both the Environment Agency. Both of which are sewage, one into an unnamed tributary of the Swale (fresh water stream/river) and the other into a pond with no outlet.

4.5.5 The site has limited potential for groundwater flooding to occur in the south of Zone 4.

4.5.6 The majority of the site is classed as at risk from flooding from Rivers or Sea (EA Classified Zone 3), but is shown to be in area benefitting from flood defences.

5.0 Unexploded Ordnance Risk Assessment

5.1.1 Military activities including those conducted as part of both the First and Second World Wars have resulted in a legacy of unexploded ordnance (UXO) being present within the shallow soils of the UK.

5.1.2 UXO result from various sources including both allied (military training) and German (bombing raids) with a guide figure of approximately 10% of all munitions failing to function as designed.

5.1.3 The likelihood of UXO being encountered on a development site is influenced by several factors including; the proximity to strategic targets, the nature of the development works being undertaken and evidence of local damage in the post-war periods amongst others. To determine the likelihood of UXO being present on a site, a step-wise risk assessment process is followed. This process is outlined within CIRIA C681 Unexploded Ordnance: A Guide for the Construction Industry (Ref. 4) with the following commentary considered to represent a Preliminary Risk Assessment intended to guide if and where there is a requirement for a Detailed Risk Assessment.

5.2 Preliminary UXO Assessment

5.2.1 Risk mapping for UXO's has placed the site in a low-risk area. These are those that show a density of bombing hits up to 10 bombs per 1000 acres. These areas are considered to have a significant but low UXB risk. In general, further action to mitigate risk is considered prudent, although not essential.

5.2.2 The Envirocheck Report historical mapping (Ref.1) does not indicate any ruins, or buildings that disappeared during WWII, on or surrounding the site.

5.2.3 Based on the forgoing commentary, the likelihood of encountering UXO on site as part of the ground investigation or development works is considered to be Low as there were no significant military or industrial targets on or offsite.

5.2.4 If unexploded ordnance is discovered, stop immediately, prevent access to the area, and inform the police. If the site boundary or location changes then the UXO risk should be reassessed.

6.0 Conceptual Site Model & Qualitative Risk Assessment

6.1.1 The conceptual site model (CSM) and Qualitative Risk Assessment (QRA) are presented in the table presented in this section. A diagrammatic CSM is contained within Appendix A.

6.1.2 The CSM details the source-pathway-receptor linkages or potential pollutant linkages (PPL) that have been identified for the site. The QRA details the associated level of risk relating to these potential pollutant linkages.

6.1.3 The CSM and QRA concern risk to human health and water environment with additional, more specific risk assessment protocols contained within the main body of this reporting, as detailed in Section 6.2 below.

6.1.4 The QRA follows the framework outlined within CIRIA C552 which is summarised within Section 5.0.

6.1.5 The 'risk rating' within the QRA refers to the risk that the source, pathway, receptor linkage or PPL is complete. Unless specifically stated it does not necessarily refer to an immediate risk and is intended to be used as a tool to assess the necessity for further assessment/investigation.

6.2 Additional Risk Assessments

6.2.1 The following risk assessments, listed below, are not included within the main CSM and QRA but nonetheless can be of critical importance to the onward development of the site.

- The risk presented by Mining is discussed and assessed in *Section 4.1.5;*
- The risk presented by Radon is discussed and assessed in *Section 4.1.7;* and
- The risk presented by Unexploded Ordnance is discussed and assessed in *Section 5.0*

6.2.2 Under current health and safety legislation, employers are required to carry out their own appropriate risk assessments and mitigation to protect themselves and their employees, other human receptors and the environment from potential contamination. Such risks must be adequately mitigated by law, specifically the Construction Design Management (CDM) Regulations (2015) which require that potential risks to human health and the environment from construction activities are appropriately identified and all necessary steps taken to eliminate / manage that risk.

7.0 Conclusion and Recommendations

7.1.1 The qualitative risk assessment (QRA) determined a varied level of risk associated with the proposed development.

7.1.2 The QRA concluded by recommending that generic quantitative risk assessments (GQRA) are conducted to confirm the assessment of risk ascribed to each of the respective potential pollutant linkages (PPLs). It is recommended that the GQRA is conducted as part of a ground investigation in support of the engineering design of the proposed development an outline scope for which is detailed in the section hereafter.

7.1.3 In summary, the following recommendations are made:

- Undertake an intrusive ground investigation;
- Undertake a GQRA as part of the ground investigation; and
- Undertake Ground Gas Monitoring.

7.1.4 It is further recommended that this work is completed in advance of any development works taking place.

7.2 Contaminants of Concern

7.2.1 Potential contaminants of concern associated with the sources identified within the Conceptual Site Model in Section 6.0 of this report include, but are not limited to: semi-volatile and volatile organic contamination, pesticides, polycyclic aromatic hydrocarbons (PAHs); inorganic compounds including heavy metals; and asbestos present in discarded building materials.

7.2.2 Potential contaminants associated with the air-born dust/particulates include, but are not limited to: polycyclic aromatic hydrocarbons and inorganic compounds including toxic metals that are also accounted for by potential on-site contaminants of concern.

- The table below represents the first stage in the land quality risk assessment process: The Qualitative Risk Assessment.
- In order for a development site to be deemed 'suitable for use', the level of risk needs to be brought down to acceptable levels, i.e. low to negligible risk. The purpose of each stage of risk assessment is ultimately to establish, if there is a requirement for additional levels of assessment to be made in order to have sufficient confidence to support a risk characterisation or management decision, e.g. remedial action.

Conceptual Site Model			Qualitative Risk Assessment			Recommended Actions
Source	**Pathway(s)**	**Receptor(s)**	**Consequence (with explanations, if applicable)**	**Likelihood of Occurrence (with explanations if applicable)**	**Risk Rating**	
Potential contamination: • Limited sources of potential contamination. • Potential sources of contamination from various Sheepwash's on site.	**Direct contact, ingestion, inhalation (dust and vapours)**	**Site End Users** (Employees)	**Medium** Chronic health risk	**Unlikely** Considering limited development historically on site, this SPR linkage is considered unlikely.	**Low**	**Ground Investigation with Contamination Testing and Generic Quantitative Risk Assessment to be undertaken.**
		Construction Workers	**Medium**	**Unlikely** Operating Procedures should allow for consideration of dust migration to mitigate the mobilisation of dust particles during site construction works.	**Low**	**Generic Quantitative Risk Assessment to be undertaken to confirm low risk.**
	Horizontal and vertical migration of contaminants	**Controlled Water** Surface Waters	**Medium** There are 5 surface water abstractions in the eastern area of the site and 24 surface water abstractions within 500m of the site; all for agricultural use. There are a number of water features on the site (drains).	**Unlikely** Given the surface water receptors on site, but taking into account the unlikely presence of contamination arising from the site, this linkage is expected to be unlikely.	**Low**	**No further action required.**
	Horizontal and vertical migration of contaminants	**Controlled Waters** Ground Water	**Mild** There are no groundwater abstractions within 1000m of the site. The superficial aquifer is secondary undifferentiated, with the bedrock aquifer being unproductive strata.	**Unlikely** Given the limited potential sources of contamination arising from the site, this linkage is expected to be unlikely.	**Very Low**	**No further action required.**
Potential sources of ground gas: • Limited organic matter within potential on site sources: Made Ground/superficial deposits.	**Horizontal and vertical migration into buildings and air spaces**	**Site End Users** (Employees)	**Medium** Chronic health risk	**Low** Made Ground/organic content within site soils anticipated to be limited.	**Moderate/Low**	**Generic Quantitative Risk Assessment** Ground gas monitoring of the site to be undertaken as part of the detailed ground investigation

Copyright ©2018 Curtins Consulting Ltd

8.0 References

1 **Landmark Information Group.** *Envirocheck Report No. 153931816_1_1.* January 2018.

2 **British Geological Survey.** *BGS Geology of Britain Viewer (http://mapapps.bgs.ac.uk/geologyofbritain/home.html)* accessed January 2018.

3 **Public Health England and BGS.** *UK Radon Map (http://www.ukradon.org/information/ukmaps).* accessed January 2018.

4 **CIRIA.** *C681 Unexploded Ordnance (UXO); A guide for the construction industry.* London : s.n., 2009.

066705-CUR-00-XX-RP-GE-001 Cleve Hill Solar Park, Kent
Phase 1 Preliminary Site Assessment

Appendix A – Drawings

- Site Layout Plans
- Conceptual Site Model

212400

155000

400kV SWITCHYARD

REACTIVE
COMPENSATION
50MVAr
35x28m

REACTIVE
COMPENSATION
50MVAr
35x28m

400kV
TRANSFORMER

400kV
TRANSFORMER

HARMONIC FILTER 400kV
30x30m

HARMONIC FILTER 400kV
30x30m

DELUGE SYSTEM

DIESEL
GENSET
10x10m

SUBSTATION BUILDING
SEE SHEET 2

ACCESS ROAD 5m WIDE

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT WHERE SPECIFICALLY NOTED.
2. DRAWING IS INDICATIVE ONLY.
3. LAYOUT MAY CHANGE DEPENDING ON PROJECT REQUIREMENTS AND CONTRACTOR PREFERENCE.

REV	DATE	AUTH	VERF	APPR
A	04–MAY–2017	CRD	ACM	NCS

SUBSTATION LAYOUT
TWO TRANSFORMER DESIGN WITH 400kV DOUBLE BUSBAR AIS SWITCHYARD

PROJECT:
CLEVE HILL WIND FARM

XE REFERENCE:
CAD 1495/011/001

SIZE:
A3

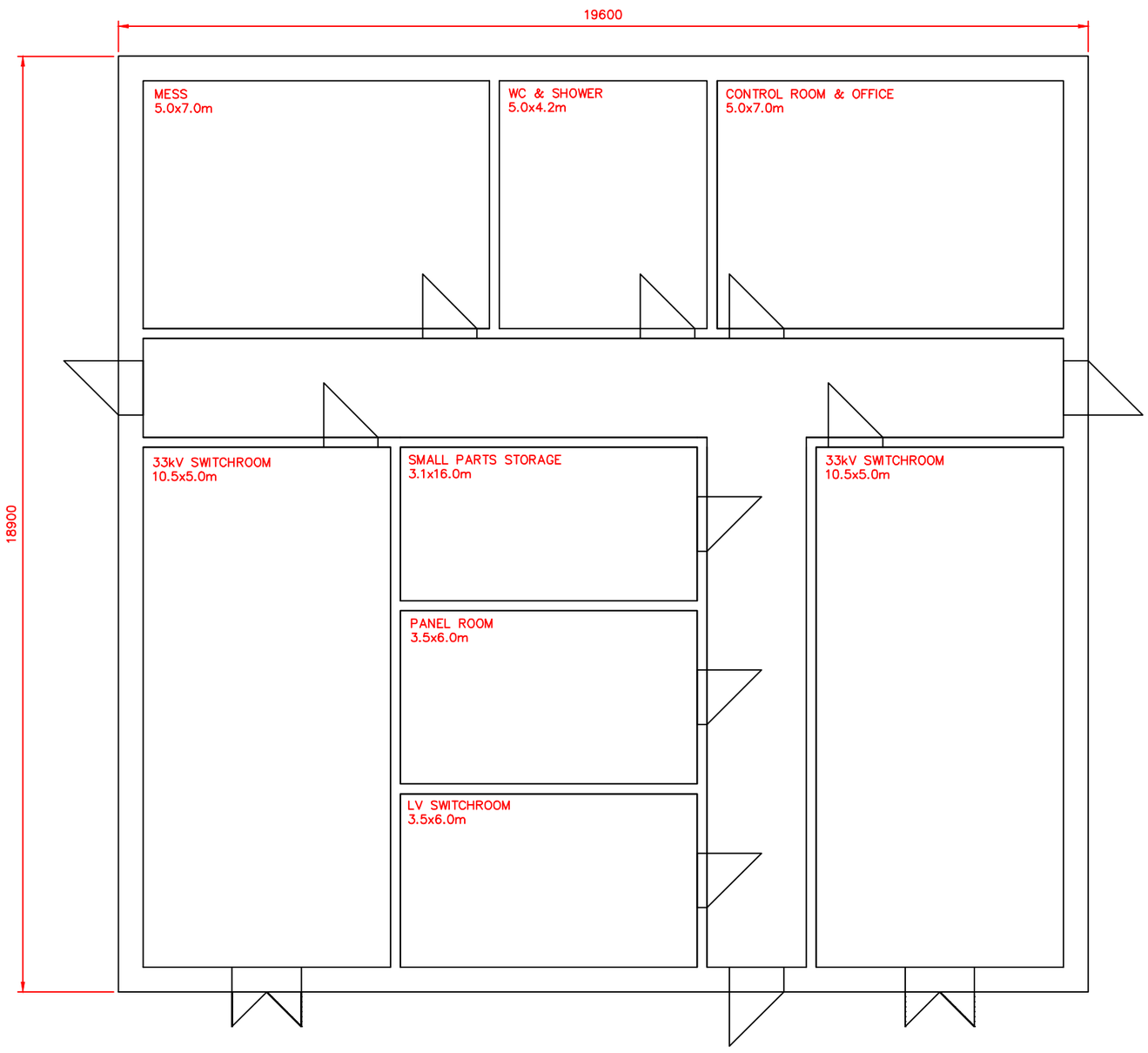
SCALE:
1:750

SHEET:
1/2

CLIENT:
HIVE ENERGY LIMITED

Xero Energy Limited
60 Elliot Street
Glasgow G3 8DZ
T:+44 (0)141 221 8556
www.xeroenergy.co.uk
Registered in Scotland SC313697 at
60 Elliot Street, Glasgow G3 8DZ

Xero ENERGY



NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT WHERE SPECIFICALLY NOTED.
2. DRAWING IS INDICATIVE ONLY.
3. LAYOUT MAY CHANGE DEPENDING ON PROJECT REQUIREMENTS AND CONTRACTOR PREFERENCE.

REV	DATE	AUTH	VERF	APPR
A	04-MAY-2017	CRD	ACM	NCS

SUBSTATION BUILDING

PROJECT:
CLEVE HILL WIND FARM

XE REFERENCE:
CAD 1495/011/001

SIZE: A3

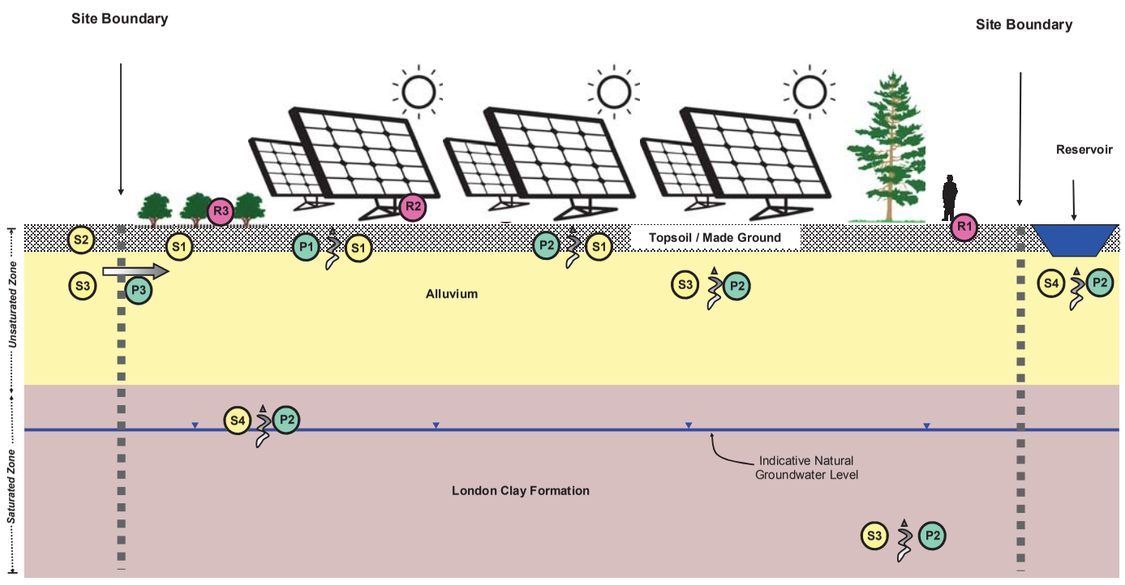
SCALE: 1:100

SHEET: 2/2

CLIENT:
HIVE ENERGY LIMITED

Xero Energy Limited
60 Elliot Street
Glasgow G3 8DZ
T:+44 (0)141 221 8556
www.xeroenergy.co.uk
Registered in Scotland SC313697 at
60 Elliot Street, Glasgow G3 8DZ

Cleve Hill Solar Park, Kent



Sources

- S1 Made-ground (On site)
- S2 Made-ground (Off site)
- S3 Natural soils (on and off site)
- S4 Ground gas sources

Pathways

- P1 Direct contact, ingestion and or inhalation
- P2 Vertical migration
- P3 Horizontal migration

Receptors

- R1 End users (Industrial)
- R2 Construction materials
- R3 Local ecology

curtins

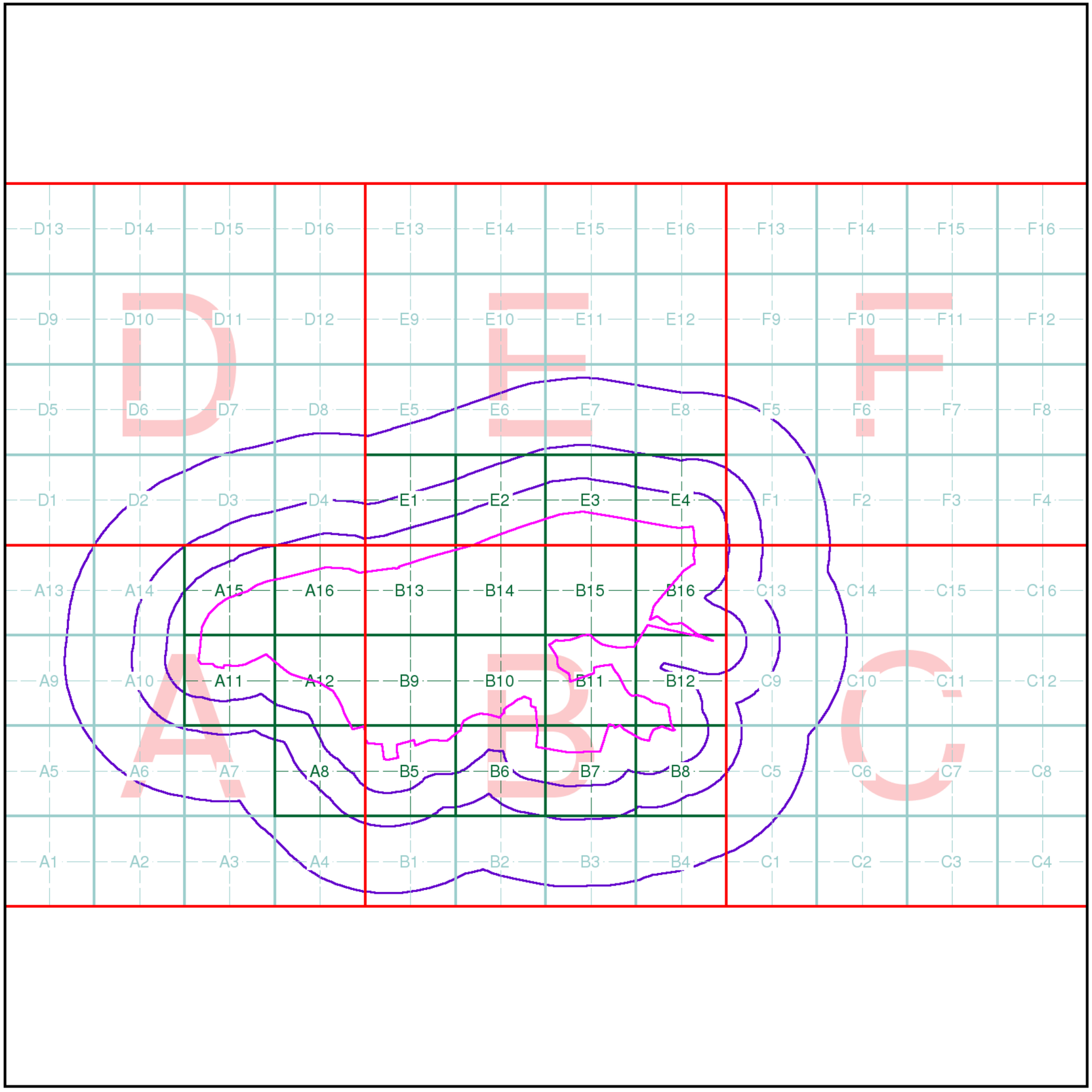
Merchant Exchange,
17-19 Whitworth Street West,
Manchester, M1 5WG
Tel: 0161 236 2394

Project	Drawing Number			Client
Cleve Hill Solar Park, Kent	066705-CUR-00-XX-RP-GE-001-V01			Cleve Hill Solar Park Ltd
Drawing Title	**Date**	**Author**	**Checked**	**Scale**
Diagrammatic Conceptual Model	19/01/2018	AHW	SH	Not to scale

curtins

Appendix B – Envirocheck Report

Rev V01 |Copyright ©2018 Curtins Consulting Ltd



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:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Miss S Hyde, Curtins Consulting Ltd, Merchant Exchange,
17-19 Whitworth Street West, Manchester, M1 5WG

Order Details

Order Number:	153931816_1_1
Customer Ref:	EBMA 1044
National Grid Reference:	603930, 164010
Site Area (Ha):	402.25
Search Buffer (m):	1000

Site Details

Proposed Solar Park Site

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

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
153931816_1_1

Customer Reference:
EBMA 1044

National Grid Reference:
602150, 163610

Slice:
A

Site Area (Ha):
402.25

Search Buffer (m):
1000

Site Details:
Proposed Solar Park Site

Client Details:
Miss S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	45
Hazardous Substances	-
Geological	47
Industrial Land Use	50
Sensitive Land Use	52
Data Currency	53
Data Suppliers	58
Useful Contacts	59

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.

Copyright Notice

© Landmark Information Group Limited 2018. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	1	28
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 9		1		1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 9		1		
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register					
River Quality Chemistry Sampling Points					
Water Abstractions	pg 10		4	4	4 (*17)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 17	Yes	n/a	n/a	n/a
Drift Deposits	pg 17	2	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 17	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 17	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 17	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 17	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 18	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 18	Yes		n/a	n/a
OS Water Network Lines	pg 18	13	35	61	128

curtins

Summary

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 45				3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 45				1
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 45	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 45				3
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 46				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					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 47	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 47	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 48				1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 48	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 49	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 49	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 49	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 50				1
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 50				3
Points of Interest - Public Infrastructure	pg 50		3	3	4
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 52	1	1		
Forest Parks					
Local Nature Reserves	pg 52	1	1		
Marine Nature Reserves	pg 52		1		
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 52	1			
Sites of Special Scientific Interest	pg 52	1			
Special Areas of Conservation					
Special Protection Areas	pg 52	1			
World Heritage Sites					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

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	A11NW (NW)	0	1	602000 163750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (W)	0	1	602150 163611
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (W)	0	1	602153 163611
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	19	1	603250 162950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	38	1	603750 163150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	138	1	603750 163050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (NW)	194	1	601700 163800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (W)	197	1	601800 163600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (SE)	198	1	603000 162800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	219	1	603450 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	238	1	603700 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	252	1	603650 162700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	300	1	603300 162700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	308	1	603500 162750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (W)	371	1	601650 163500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8SE (SE)	408	1	603000 162650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (W)	408	1	601600 163500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (W)	441	1	601600 163450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A4NE (SE)	451	1	602950 162500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (SE)	457	1	602950 162650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	463	1	603600 162650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	478	1	603700 162700

curtins

Agency & Hydrological

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	A10SE (W)	478	1	601550 163450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (W)	488	1	601500 163500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (W)	494	1	601400 163800
1	**Discharge Consents** Operator: Mr B Henderson Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Nagden Holiday Cottages, Sandbanks Rd, Gravene, Faversham, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09267 Permit Version: 1 Effective Date: 22nd October 2000 Issued Date: 22nd October 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (E)	6	2	603130 163260
2	**Discharge Consents** Operator: Mrs Tester Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hollowshore House, Hollowshore Hollowshore House, Hollowshore, Faversham, Kent, Me13 7tu Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: P11899 Permit Version: 1 Effective Date: 27th October 2003 Issued Date: 27th October 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: A Tributary Of The Swale Estua **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	A10SE (W)	289	2	601740 163530
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 12 Effective Date: 24th June 2014 Issued Date: 24th June 2014 Revocation Date: 31st March 2015 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	934	2	602676 162337
3	**Discharge Consents** Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 13 Effective Date: 1st April 2015 Issued Date: 24th June 2014 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	934	2	602676 162337

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 12 Effective Date: 24th June 2014 Issued Date: 24th June 2014 Revocation Date: 31st March 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	935	2	602675 162337
3	**Discharge Consents** Operator: Southern Water Services Limited. + Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 13 Effective Date: 1st April 2015 Issued Date: 24th June 2014 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	935	2	602675 162337
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 10 Effective Date: 18th April 2012 Issued Date: 18th April 2012 Revocation Date: 31st December 2013 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 10 Effective Date: 18th April 2012 Issued Date: 18th April 2012 Revocation Date: 31st December 2013 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 11 Effective Date: 1st January 2014 Issued Date: 13th March 2012 Revocation Date: 23rd June 2014 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 11 Effective Date: 1st January 2014 Issued Date: 13th March 2012 Revocation Date: 23rd June 2014 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 9 Effective Date: 13th March 2012 Issued Date: 13th March 2012 Revocation Date: 17th April 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 9 Effective Date: 13th March 2012 Issued Date: 13th March 2012 Revocation Date: 17th April 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 8 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 12th March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 8 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 12th March 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 7 Effective Date: 1st January 2010 Issued Date: 25th September 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 7 Effective Date: 1st January 2010 Issued Date: 25th September 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 6 Effective Date: 4th April 2007 Issued Date: 4th April 2007 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 6 Effective Date: 4th April 2007 Issued Date: 4th April 2007 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: Sewage Disposal Works - Water Company Location: Faversham Abbey Field S.T.W., Faversham Kent Authority: Environment Agency, Southern Region Catchment Area: Swale Reference: W00511 Permit Version: 4 Effective Date: 31st December 2000 Issued Date: 19th December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: Sewage Disposal Works - Water Company Location: Faversham Abbey Field S.T.W., Faversham Kent Authority: Environment Agency, Southern Region Catchment Area: Swale Reference: W00511 Permit Version: 4 Effective Date: 31st December 2000 Issued Date: 19th December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 5 Effective Date: 19th December 2000 Issued Date: 19th December 2000 Revocation Date: 3rd April 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 5 Effective Date: 19th December 2000 Issued Date: 19th December 2000 Revocation Date: 3rd April 2007 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 3 Effective Date: 31st January 1985 Issued Date: 25th January 1985 Revocation Date: 18th December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 3 Effective Date: 31st January 1985 Issued Date: 25th January 1985 Revocation Date: 18th December 2000 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 2 Effective Date: 10th October 1981 Issued Date: 10th October 1981 Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 2 Effective Date: 10th October 1981 Issued Date: 10th October 1981 Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 1 Effective Date: 1st May 1972 Issued Date: 1st May 1972 Revocation Date: 9th October 1981 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330
3	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Faversham Abbey Field S.T.W., Abbey Fields, Faversham, Kent, Me13 8hx Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: W00511 Permit Version: 1 Effective Date: 1st May 1972 Issued Date: 1st May 1972 Revocation Date: 9th October 1981 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Saline Estuary Receiving Water: Faversham Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A4NW (S)	937	2	602680 162330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: Brett Aggregates Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Premises At Ham Farm,Ham Road,Oare Premises At Ham Farm, Ham Road, Oare,Faversham, Kent, Me13 7ts Authority: Environment Agency, Southern Region Catchment Area: Faversham and Oare Creeks Reference: P11628 Permit Version: 1 Effective Date: 16th January 2004 Issued Date: 16th January 2004 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Mineral Workings Discharge Environment: Freshwater Stream/River Receiving Water: A Trib Of Faversham Creek **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	A7SE (S)	958	2	602180 162780
5	**Discharge Consents** Operator: Andrew Bray Property Type: Mixed Farming Location: Ham Farm, Ham Road, Faversham, Kent, Me13 7ts Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/201k Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 10th February 2000 Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status: Revoked Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 10m	A7SW (S)	996	2	601850 162760
	Nearest Surface Water Feature	A16NW (NE)	0	-	602787 164439
6	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Cesspit Contents Note: Not Supplied Incident Date: 10th November 1993 Incident Reference: CD/252/93 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	A11SW (W)	197	2	601800 163600
7	**Pollution Incidents to Controlled Waters** Property Type: Road (Road Traffic Accident) Location: Chambers Wharf, Abbey Road, FAVERSHAM Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Fire water / Foam Note: A Fff Foam In Use On Three Lorry Bodies On Fire Incident Date: 20th January 1998 Incident Reference: 197061 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SW (S)	823	2	602090 162910
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A8NE (SE)	150	2	603108 163018

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Water Abstractions** Operator: Mr A J Bray Licence Number: 9/40/02/0091/A/Sr Permit Version: 101 Location: Area 1, Watercourses In Faversham. Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink On Licence Map. Authorised Start: 01 April Authorised End: 31 August Permit Start Date: 27th February 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	173	2	602310 163600
8	**Water Abstractions** Operator: R.G. & A.J. Bray Licence Number: 9/40/02/0091/A/Sr Permit Version: 100 Location: Area 1, Watercourses In Faversham. Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink On Licence Map. Authorised Start: 01 April Authorised End: 31 August Permit Start Date: 3rd November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	173	2	602310 163600
9	**Water Abstractions** Operator: R G & A J Bray Licence Number: 2/0091/A/SR Permit Version: Not Supplied Location: Ham Farm Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 382 Yearly Rate (m3): 7637 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	218	2	603010 163010
10	**Water Abstractions** Operator: Mr B L Tester Licence Number: 9/40/02/0133/Gr Permit Version: 100 Location: Point W1, I2, H2 & H5 Chalk In Faversham. Authority: Environment Agency, Southern Region Abstraction: Household Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Edged Red On The Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 19th June 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SE (W)	222	2	601760 163600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Water Abstractions** Operator: Mr Pete Rainekent Wildlife Trust Licence Number: 8/109 Permit Version: Not Supplied Location: Oare Marshes Nature Reserve, FAVERSHAM Authority: Environment Agency, Southern Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Internal Drainage Board Drain Number 64 (Harty Ferry Marshes) Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	270	2	601660 164105
11	**Water Abstractions** Operator: Mr Pete Raine,Kent Wildlife Trust Licence Number: 8/109 Permit Version: Not Supplied Location: Oare Marshes Nature Reserve, FAVERSHAM Authority: Environment Agency, Southern Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Internal Drainage Board Drain Number 64 (Harty Ferry Marshes) Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	272	2	601660 164110
11	**Water Abstractions** Operator: Kent Wildlife Trust Licence Number: 08/110 Permit Version: 100 Location: Point C, Idb Drain 64, Oare Marshes Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th December 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (NW)	306	2	601630 164130
12	**Water Abstractions** Operator: Kent Wildlife Trust Licence Number: 08/110 Permit Version: 100 Location: Point B, Idb Drain 64, Oare Marshes Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th December 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (NW)	366	2	601600 164210

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Water Abstractions** Operator: Mr A J Bray Licence Number: 9/40/02/0091/B/Gr Permit Version: 101 Location: Point 4, I1 & H5 Chalk In Faversham. Authority: Environment Agency, Southern Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 3rd August 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	742	2	602500 162770
14	**Water Abstractions** Operator: Kent Wildlife Trust Licence Number: 08/110 Permit Version: 100 Location: Point D, Idb Drain 64, Oare Marshes Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 350 Yearly Rate (m3): 30000 Details: As Boldly Outlined On Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th December 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NW)	790	2	601230 164420
15	**Water Abstractions** Operator: Brett Aggregates Limited Licence Number: 9/40/02/0179/G Permit Version: 101 Location: Point A, I1 & H5 Chalk, Thanet Sands In Faversham. Authority: Environment Agency, Southern Region Abstraction: Commercial Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	989	2	601160 163120
15	**Water Abstractions** Operator: Ace Sand & Gravel Ltd Licence Number: 9/40/02/0179/G Permit Version: 100 Location: Point A, I1 & H5 Chalk, Thanet Sands In Faversham. Authority: Environment Agency, Southern Region Abstraction: Commercial Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: I1 & H5 Chalk Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 1st April 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	989	2	601160 163120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A J Bray Licence Number: 9/40/02/0091/B/Gr Permit Version: 101 Location: Point 1, I1 & H5 Chalk, Thanet Beds In Faversham. 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: As Shown Coloured Pink On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 3rd August 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (S)	1006	2	601850 162750
	Water Abstractions Operator: R.G. & A.J. Bray Licence Number: 9/40/02/0091/B/Gr Permit Version: 100 Location: Point 1, I1 & H5 Chalk, Thanet Beds In Faversham. 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: As Shown Coloured Pink On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 3rd November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (S)	1006	2	601850 162750
	Water Abstractions Operator: Brett Concrete Ltd Licence Number: 9/40/02/0182/Gr Permit Version: 100 Location: Point B, I1 & H5 Chalk, Thanet Sands In Faversham. Authority: Environment Agency, Southern Region Abstraction: Construction: Conveying Materials Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 14th August 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1017	2	601300 162950
	Water Abstractions Operator: Brett Aggregates Limited Licence Number: 9/40/02/0115/B/Gr Permit Version: 101 Location: Point A, I1 & H5 Chalk, Thanet Beds In Faversham. Authority: Environment Agency, Southern Region Abstraction: Commercial Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink And Edged Red On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1103	2	601450 162760

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ace Sand & Gravel Ltd Licence Number: 9/40/02/0115/B/Gr Permit Version: 100 Location: Point A, I1 & H5 Chalk, Thanet Beds In Faversham. Authority: Environment Agency, Southern Region Abstraction: Commercial Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink And Edged Red On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 30th December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1103	2	601450 162760
	Water Abstractions Operator: Ace Sand & Gravel Co Ltd Licence Number: 2/0115/B/GR Permit Version: Not Supplied Location: FAVERSHAM Authority: Environment Agency, Southern Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 39 Yearly Rate (m3): 2618 Details: I1 Thnaet Beds & H5 Chalk Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1108	2	601450 162755
	Water Abstractions Operator: Brett Aggregates Limited Licence Number: 9/40/02/0052/Sr Permit Version: 100 Location: Point Marked A On Oare Creek Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Shown Coloured Blue On The Said Plan Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	1111	2	601060 163050
	Water Abstractions Operator: Brett Aggregates Limited Licence Number: 9/40/02/0052/Sr Permit Version: 100 Location: Point Marked A On Oare Creek Authority: Environment Agency, Southern Region Abstraction: Chemicals: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Shown Coloured Blue On The Said Plan Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 1st January 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	1111	2	601060 163050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A J Bray Licence Number: 9/40/02/0091/B/Gr Permit Version: 101 Location: Point 2, I1 & H5 Chalk, Thanet Beds In Faversham. 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: As Shown Coloured Pink On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 3rd August 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1133	2	602190 162530
	Water Abstractions Operator: R.G. & A.J. Bray Licence Number: 9/40/02/0091/B/Gr Permit Version: 100 Location: Point 2, I1 & H5 Chalk, Thanet Beds In Faversham. 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): 7 Yearly Rate (m3): 1363 Details: As Shown Coloured Pink On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 3rd November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1133	2	602190 162530
	Water Abstractions Operator: Brett Concrete Ltd Licence Number: 9/40/02/0183/G Permit Version: 100 Location: Point A, S2 Alluvium In Faversham. Authority: Environment Agency, Southern Region Abstraction: Construction: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 14th August 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1250	2	601340 162650
	Water Abstractions Operator: Brett Aggregates Limited Licence Number: 9/40/02/0115/A/Gr Permit Version: 101 Location: Point B&C, S2 Alluvium, Faversham. Authority: Environment Agency, Southern Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink And Edged Red On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 30th January 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1251	2	601150 162770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ace Sand & Gravel Ltd Licence Number: 9/40/02/0115/A/Gr Permit Version: 100 Location: Point B&C, S2 Alluvium, Faversham. Authority: Environment Agency, Southern Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Pink And Edged Red On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 26th April 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1251	2	601150 162770
	Water Abstractions Operator: Ace Sand & Gravel Co Ltd Licence Number: 2/0015/B/GR Permit Version: Not Supplied Location: FAVERSHAM Authority: Environment Agency, Southern Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 39 Yearly Rate (m3): 2618 Details: I1 & H5 Chalk; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1267	2	601150 162750
	Water Abstractions Operator: Mr G D Brown Licence Number: 08/115 Permit Version: 100 Location: Un Named Drain Adjacent To Oare Marshes Authority: Environment Agency, Southern Region Abstraction: Private Non-Industrial Amenity: General Use (Low Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldy Outlined On Map Authorised Start: 01 November Authorised End: 01 March Permit Start Date: 30th November 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	1275	2	600700 164400
	Water Abstractions Operator: Mr J Bayes Licence Number: 08/097 Permit Version: 100 Location: Point A, Saline Lake At Oare Creek, Oare. Authority: Environment Agency, Southern Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 8640 Yearly Rate (m3): 3153600 Details: As Boldly Outlined On Licence Map. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st November 1995 Permit End Date: Not Supplied Positional Accuracy: Unknown	A5SE (SW)	1363	2	600900 162850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: John Bayes Licence Number: 8/097 Permit Version: Not Supplied Location: Seasalter Shellfish Ltd., The Harbour, Whitstable, Kent, CT5 1AB Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 8640 Yearly Rate (m3): 3153600 Details: Saline Lake At Oare Creek Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Approximate location provided by supplier	A5SE (SW)	1366	2	600900 162845
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A11SE (SE)	0	2	602223 163530
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A11NE (N)	0	2	602166 163736
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A11SE (W)	0	2	602153 163611
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	A11SE (W)	0	2	602153 163611
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	A11SE (SE)	0	2	602186 163555
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11SE (W)	0	1	602153 163611
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A11NE (N)	0	1	602159 163713
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11SE (W)	0	1	602153 163611
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A11SE (S)	0	2	602153 163570
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11SE (W)	0	2	602153 163611
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11SE (W)	0	2	602153 163611
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A7NE (SE)	49	2	602427 162965

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	52	2	603139 163120
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A8NE (SE)	115	2	603015 163045
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A8NE (SE)	130	2	603005 163085
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A8SE (SE)	145	2	603005 162865
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A11NE (N)	0	2	602159 163697
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	A11NE (N)	0	2	602158 163697
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A16NW (NE)	0	3	602606 164419
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A16NW (NE)	0	3	602606 164419
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A16NW (NE)	0	3	602722 164446
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A16NW (NE)	0	3	602722 164446
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A16SE (NE)	0	3	602813 164104
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1074.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A16NW (NE)	0	3	602784 164463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1226.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11NW (NW)	0	3	602017 163735
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 492.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11NE (NE)	0	3	602418 163844
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 570.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12NE (E)	0	3	603107 163803
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 275.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12NE (E)	0	3	603104 163785
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12NE (E)	0	3	602854 163852
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 491.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12NE (E)	0	3	602866 163876
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A16SE (NE)	0	3	602809 164106
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11NW (NW)	5	3	602099 163726
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 334.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11NE (N)	6	3	602154 163723

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 375.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11NW (NW)	7	3	602017 163735
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A15SW (N)	9	3	601983 164194
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A16NW (NE)	19	3	602602 164445
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A16NW (NE)	21	3	602600 164445
35	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1116.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	A12SW (E)	23	3	602518 163634
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 68.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A16NW (NE)	27	3	602713 164479
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 68.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A15SW (NW)	27	3	601884 163990
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A15SW (NW)	30	3	601884 163976
39	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1012.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	A11SE (SE)	71	3	602191 163582

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A12SW (E)	78	3	602515 163626
41	**OS Water Network Lines** Watercourse Form: Foreshore Watercourse Length: 336.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A12SW (E)	86	3	602496 163566
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A15SW (NW)	87	3	601889 164164
43	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 391.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A16NW (NE)	95	3	602697 164545
44	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 839.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	A8SE (SE)	123	3	602913 162639
45	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 400.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	A10NE (W)	145	3	601746 163764
46	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1462.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Oare Creek Catchment Name: Not Supplied Primacy: 1	A10NE (W)	149	3	601746 163764
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 337.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (E)	163	3	602651 163438
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 458.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NE (SE)	164	3	602854 163227

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NE (SE)	190	3	602804 163181
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 352.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SE (SE)	202	3	602249 163496
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A12SW (E)	208	3	602637 163451
52	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	213	3	601747 164163
53	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 787.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	A14SE (NW)	213	3	601747 164163
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A12SW (E)	214	3	602647 163442
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (E)	215	3	602630 163424
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A12SW (E)	215	3	602647 163441
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 170.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A12SW (E)	218	3	602649 163433

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 396.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NE (W)	231	3	601652 163760
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 209.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (SW)	236	3	601911 163463
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (E)	236	3	602621 163422
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 333.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (SE)	241	3	602468 163336
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (SE)	241	3	602504 163408
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 204.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	248	3	601660 164008
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SE (S)	257	3	602179 163482
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SE (SE)	258	3	602248 163495
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NW (SE)	277	3	602747 163193

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NW (SE)	277	3	602794 163156
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	285	3	601660 164147
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (SE)	287	3	602504 163408
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	299	3	601631 164108
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (SW)	299	3	601911 163463
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (SW)	299	3	601980 163409
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (SE)	300	3	602497 163393
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 200.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (W)	302	3	601694 163554
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 138.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NW (SE)	302	3	602632 163271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A12SW (SE)	303	3	602497 163393
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	306	3	601624 164109
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	306	3	601624 164109
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	307	3	601634 164140
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	307	3	601634 164140
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	313	3	601625 164136
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 292.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	315	3	601623 164135
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 181.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NE (NW)	319	3	601594 163970
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 329.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NW (SE)	325	3	602761 163094

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	334	3	601598 164120
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 517.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8NW (SE)	336	3	602491 162961
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (SW)	342	3	601986 163401
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 606.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NE (W)	349	3	601573 163651
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NE (W)	349	3	601573 163651
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 91.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SE (SE)	366	3	602443 163331
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 245.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8SW (SE)	368	3	602743 162802
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8SE (SE)	368	3	602984 162831
93	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	373	3	601600 164225

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 332.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A7NE (S)	373	3	602371 163084
95	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 43.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	378	3	601578 164193
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 95.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8SE (SE)	388	3	602976 162808
97	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 64.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	394	3	601581 164237
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 541.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (SE)	412	3	602429 163274
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (S)	430	3	602037 163305
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 344.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (S)	430	3	602047 163304
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 622.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NE (NW)	431	3	601716 164501
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 215.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NW (NW)	435	3	601414 163961

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (SE)	437	3	602316 163259
104	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NE (NW)	440	3	601716 164501
105	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 92.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	440	3	601559 164297
106	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14SE (NW)	440	3	601559 164297
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SE (NW)	441	3	601496 164151
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	442	3	601579 164339
109	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	443	3	601671 164459
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SW (SW)	447	3	601962 163298
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (SW)	451	3	601779 163331

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (SW)	451	3	601782 163328
113	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	452	3	601693 164494
114	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 21.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	452	3	601675 164481
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A11SE (SE)	453	3	602303 163308
116	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 54.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NE (NW)	456	3	601675 164481
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (SW)	463	3	601677 163362
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 123.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	476	3	602194 163269
119	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8SE (SE)	478	3	602897 162710
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 223.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NW (W)	483	3	601414 163848

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NW (NW)	498	3	601409 163950
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	499	3	602282 163256
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 72.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (W)	500	3	601572 163396
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 150.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (SW)	500	3	601661 163312
125	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	501	3	601622 164492
126	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 118.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	501	3	601622 164492
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	505	3	601731 163282
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NW (NW)	507	3	601402 163939
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (SW)	515	3	601670 163299

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10NW (W)	520	3	601376 163732
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	522	3	601712 163254
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 584.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	(SE)	526	3	603201 162530
133	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 215.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	531	3	601486 164353
134	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 58.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	531	3	601486 164353
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	531	3	601717 163268
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	531	3	601720 163266
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	532	3	601720 163266
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	537	3	601724 163258

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 290.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (SW)	539	3	601846 163221
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	544	3	601721 163253
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	544	3	601721 163253
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	547	3	601674 163258
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	549	3	601680 163264
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 210.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8SE (SE)	549	3	602846 162713
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	557	3	601674 163258
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 281.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A8SW (SE)	557	3	602742 162800
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 345.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7SE (S)	557	3	602405 162764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 159.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SW (W)	558	3	601446 163454
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	558	3	601692 163249
150	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 76.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	560	3	601461 164409
151	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 55.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	560	3	601513 164453
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	560	3	601686 163249
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	564	3	601681 163247
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SW (NW)	582	3	601376 164238
155	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NE (NW)	583	3	601455 164403
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 309.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SW (NW)	588	3	601369 164234

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 339.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SE (SW)	588	3	601513 163331
158	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	592	3	602282 163161
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	602	3	601679 163206
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	602	3	601693 163191
161	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 56.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	605	3	601436 164415
162	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 89.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	605	3	601436 164415
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	605	3	601671 163202
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	607	3	602275 163144
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	609	3	601671 163202

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (SW)	610	3	601943 163136
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (SW)	610	3	601943 163136
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (S)	613	3	602008 163123
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (S)	616	3	602013 163121
170	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 366.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SW (W)	620	3	601321 163552
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 449.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A7NE (S)	636	3	602371 163084
172	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	636	3	602371 163084
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 174.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NE (NW)	645	3	601484 164555
174	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (SW)	649	3	601888 163106

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	658	3	601380 164424
176	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 76.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	658	3	601380 164424
177	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 87.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	665	3	601370 164421
178	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	665	3	601370 164421
179	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 142.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (SW)	668	3	601912 163081
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	671	3	601675 163134
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 189.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	671	3	601679 163132
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 364.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	682	3	602237 163065
183	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (SW)	688	3	601866 163071

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NE (S)	688	3	602255 163060
185	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 67.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	690	3	601338 164414
186	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 75.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	690	3	601338 164414
187	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 301.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7NW (S)	696	3	602004 163041
188	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SW (NW)	734	3	601215 164238
189	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SW (NW)	737	3	601221 164264
190	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A4NW (SE)	741	3	602687 162597
191	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A4NW (S)	741	3	602569 162595
192	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A4NW (SE)	748	3	602738 162534

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A4NW (SE)	748	3	602694 162565
194	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 66.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	749	3	601309 164483
195	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SW (NW)	753	3	601203 164261
196	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	755	3	601272 164425
197	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	761	3	601234 164360
198	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A4NW (SE)	761	3	602647 162550
199	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 251.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	763	3	601264 164430
200	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 28.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	763	3	601330 164546
201	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 80.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A14NW (NW)	763	3	601330 164546

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	763	3	601264 164428
203	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 334.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A4NE (SE)	772	3	602832 162399
204	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	781	3	601245 164432
205	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	781	3	601245 164432
206	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A4NW (SE)	786	3	602770 162437
207	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A4NE (SE)	788	3	602808 162419
208	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A4NE (SE)	790	3	602832 162399
209	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	796	3	601251 164474
210	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	796	3	601251 164474

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 484.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	A4NW (SE)	797	3	602770 162437
212	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	803	3	601773 162970
213	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 139.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NE (SW)	806	3	601761 162970
214	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 224.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	810	3	601260 164520
215	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 145.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7SE (S)	812	3	602128 162922
216	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 130.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14SW (NW)	818	3	601142 164285
217	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13SE (NW)	820	3	601113 164178
218	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7SE (S)	824	3	602343 162760
219	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 184.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7SE (S)	824	3	602400 162761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A3NE (S)	831	3	602438 162581
221	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	849	3	601161 164412
222	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 164.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A14NW (NW)	852	3	601187 164473
223	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13SE (NW)	863	3	601077 164216
224	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13SE (NW)	863	3	601089 164277
225	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 150.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	A7SE (S)	870	3	602244 162759
226	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	896	3	601114 164422
227	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 65.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SW (W)	898	3	601117 163336
228	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A10SW (W)	899	3	601117 163336

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NW (SW)	902	3	601229 163173
230	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NW (SW)	905	3	601227 163171
231	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	911	3	601101 164430
232	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 127.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	920	3	601086 164419
233	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A9SE (W)	921	3	601080 163356
234	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A3NE (S)	921	3	602438 162581
235	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13SE (NW)	923	3	601039 164306
236	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A3NE (S)	926	3	602379 162592
237	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 168.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A3NE (S)	926	3	602436 162576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
238	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	927	3	601107 164481
239	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	938	3	601080 164461
240	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	943	3	601080 164461
241	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	947	3	601023 164334
242	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A7SE (S)	955	3	602241 162702
243	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 856.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6SW (SW)	961	3	601426 162933
244	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A9SE (W)	963	3	601014 163397
245	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 328.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A9SE (W)	963	3	601014 163397
246	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	965	3	601016 164370

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	977	3	601108 164591
248	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 184.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	977	3	601112 164597
249	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 150.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NW (SW)	983	3	601148 163143
250	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A6NW (SW)	983	3	601148 163143
251	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A13NE (NW)	986	3	601002 164390
252	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	A9SE (W)	998	3	600996 163352

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	**Historical Landfill Sites** Licence Holder: Ace Sand and Gravel Company Limited Location: Sevenoaks, Kent Name: Faversham Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19465 First Input Date: 31st December 1986 Last Input Date: 31st December 1993 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7191 BGS Ref: Not Supplied Other Ref: 21GR, P/05/32, 2200/7140	A6NE (SW)	614	2	601531 163281
254	**Historical Landfill Sites** Licence Holder: Kent Aggregates Location: Swale, Kent Name: Harty Pit No.2 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19833 First Input Date: 31st December 1978 Last Input Date: 31st December 1989 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7134 BGS Ref: Not Supplied Other Ref: P/05/04A, 21DK	A14SW (NW)	810	2	601133 164249
255	**Historical Landfill Sites** Licence Holder: Kent Aggregates Location: Oare, Faversham, Kent Name: Harty Pit No.1 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19832 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: SW1, P/05/04	A13SE (NW)	841	2	601099 164213
256	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Ham Farm Licence Number: 19435 Location: Ham Farm, Ham Road, Oare, Faversham, Kent, ME13 7EU Licence Holder: Brett Aggregates Ltd Authority: Environment Agency - South East Region, Kent & South London Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Issued** Issued: 20th May 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A7NW (S)	702	2	602015 163034
	Local Authority Landfill Coverage Name: Swale Borough Council - Has no landfill data to supply		0	4	602153 163611
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	5	602149 163615
257	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A7SW (S)	834	-	602012 162902
258	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A4NW (SE)	922	-	602686 162331

curtins

Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A6SE (SW)	953	-	601771 162820
260	**Registered Landfill Sites** Licence Holder: Bretts Licence Reference: P/05/32 Site Location: Ham Lane Quarry, Ham Road, Faversham, Kent Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: As Site Address Authority: Environment Agency - Southern Region, Kent 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 Restrictions: No known restriction on source of waste Status: Licence known to be surrenderedSurrendered Dated: 25th July 1986 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Car Fragmentation Waste Kent Cat. A -Inert * Environment Agency must give specific authorisation for this waste to be acceptedWaste requires prior approval: Contaminated Soil Or Similar Mat'Ls	A6NE (SW)	611	2	601518 163295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lambeth Group	A11SW (SW)	0	1	602084 163573
	BGS 1:625,000 Solid Geology Description: Thames Group	A11SE (W)	0	1	602153 163611
	BGS 1:625,000 Solid Geology Description: Thames Group	A11NE (N)	0	1	602160 163781
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11SE (W)	0	1	602153 163611
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NW (S)	102	1	602038 163254
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	A15NE (N)	293	1	602167 164647
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NW (W)	504	1	601372 163720
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NW (S)	731	1	602023 163001

curtins

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A4NW (S)	784	1	602675 162340
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (NW)	784	1	601129 164052
261	**BGS Recorded Mineral Sites** Site Name: The Ham Gravel Pit Location: Davington, Faversham, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 132183 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SW (S)	913	1	601940 162830
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	602860 163586
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	602742 163661
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	602455 163766
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	602860 163586
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	0	1	602885 163651
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	602153 163611
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	0	1	602885 163651
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	602742 163661

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	602455 163766
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	602860 163586
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	602153 163611
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	602153 163611
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	602153 163611
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	602860 163586
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	602153 163611
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	0	1	602885 163651
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	602742 163661
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	602455 163766
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	11	1	602156 163608
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	19	1	602541 163661
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	1	602159 163713
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	602153 163611
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	19	1	602156 163608
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	73	1	602209 163533
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (N)	0	1	602153 163624
	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	A11SE (N)	0	1	602153 163624

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	**Contemporary Trade Directory Entries** Name: Cray Engineering Location: 1, Harty Ferry Cottages, Oare, Faversham, ME13 0QD Classification: Engineers - General **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (NW)	704	-	601222 164120
263	**Points of Interest - Manufacturing and Production** Name: Gravel Pit (Disused) Location: ME13 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	773	6	601461 163134
264	**Points of Interest - Manufacturing and Production** Name: Gravel Pit (Disused) Location: ME13 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	868	6	601523 162986
264	**Points of Interest - Manufacturing and Production** Name: Gravel Pit (Disused) Location: ME13 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	910	6	601465 162969
265	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A16NW (NE)	25	6	602727 164480
265	**Points of Interest - Public Infrastructure** Name: Outfall Location: ME13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A16NW (NE)	92	6	602712 164546
266	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	223	6	602656 163431
267	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SE (NW)	278	6	601663 164137
267	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SE (NW)	288	6	601640 164097
268	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10NW (NW)	494	6	601415 163940
269	**Points of Interest - Public Infrastructure** Name: Outfalls Location: ME13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A4NW (SE)	808	6	602784 162411
270	**Points of Interest - Public Infrastructure** Name: Refuse Tip Location: ME13 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A13SE (NW)	896	6	601039 164195

curtins

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: ME13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A4SE (SE)	899	6	602811 162283
272	**Points of Interest - Public Infrastructure** Name: Outfall Location: ME13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A4NW (S)	948	6	602662 162331

curtins

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
273	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 13857209.46 Source: Natural England	A11SE (W)	0	7	602153 163611
274	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 8658098.98 Source: Natural England	A10NE (W)	227	7	601663 163782
275	**Local Nature Reserves** Name: South Bank Of The Swale Multiple Area: N Area (m2): 4105330.46 Source: Natural England Designation Date: 1st January 1969	A11SE (W)	0	7	602153 163611
276	**Local Nature Reserves** Name: Oare Marshes Multiple Area: N Area (m2): 714396.36 Source: Natural England Designation Date: 13th August 1996	A10NE (NW)	221	7	601682 163970
277	**Marine Nature Reserves** Name: The Swale Estuary Multiple Area: Y Area (m2): 51312966.83 Source: Natural England	A11SE (SE)	4	7	602153 163611
278	**Ramsar Sites** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK11071 Designation Date: Not Supplied	A11SE (W)	0	7	602153 163611
279	**Sites of Special Scientific Interest** Name: The Swale Multiple Areas: N Total Area (m2): 65094222.06 Source: Natural England Reference: 1003678 Designation Details: Environmentally Sensitive Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 20th February 1990 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Ramsar Site Designation Date: 20th February 1990 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Special Protection Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 20th February 1990 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 20th February 1990 Date Type: Notified	A11SE (W)	0	7	602153 163611
280	**Special Protection Areas** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK9012011 Designation Date: Not Supplied	A11SE (W)	0	7	602153 163611

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Swale Borough Council - Environmental Health Department	January 2015	Annually
Discharge Consents Environment Agency - Southern Region	October 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region	October 2017 October 2017	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Southern Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	October 2017 October 2017 October 2017	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2017	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	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	October 2017	Quarterly

curtins

Data Currency

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2017	Quarterly
Flood Defences Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines Ordnance Survey	October 2017	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Local Authority Landfill Coverage		
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	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 Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	November 2017	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
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	November 2017	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	November 2017	Quarterly
Gas Pipelines		
National Grid	July 2014	Quarterly
Points of Interest - Commercial Services		
PointX	December 2017	Quarterly
Points of Interest - Education and Health		
PointX	December 2017	Quarterly
Points of Interest - Manufacturing and Production		
PointX	December 2017	Quarterly
Points of Interest - Public Infrastructure		
PointX	December 2017	Quarterly
Points of Interest - Recreational and Environmental		
PointX	December 2017	Quarterly
Underground Electrical Cables		
National Grid	December 2015	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**Swale Borough Council - Environmental Health Department** Swale House, East Street, Sittingbourne, Kent, ME10 3HT	Telephone: 01795 424341 Fax: 01795 417217 Website: www.swale.gov.uk
5	**Kent County Council - Waste Management Group** Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
6	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
153931816_1_1

Customer Reference:
EBMA 1044

National Grid Reference:
604480, 163400

Slice:
B

Site Area (Ha):
402.25

Search Buffer (m):
1000

Site Details:

Proposed Solar Park Site

Client Details:

Miss S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

curtins

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	44
Hazardous Substances	-
Geological	46
Industrial Land Use	51
Sensitive Land Use	53
Data Currency	54
Data Suppliers	59
Useful Contacts	60

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.

Copyright Notice

© Landmark Information Group Limited 2018. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	1	2
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 3		1	1	1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4	5	16	8	11 (*14)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 17	Yes	n/a	n/a	n/a
Drift Deposits	pg 17	2	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 17	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 18	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 18	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 19	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 19	Yes		n/a	n/a
OS Water Network Lines	pg 19	100	63	14	41

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

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 44			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 44	1			
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 44	2		2	
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 45				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 45		1		
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					

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 46	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 46	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 46	1		1	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 47	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 47	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 49	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 49	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 51		2		1
Fuel Station Entries					
Points of Interest - Commercial Services	pg 51		1		
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 51		4	2	1
Points of Interest - Public Infrastructure	pg 51	4	3	1	2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 53			1	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 53	1			
Forest Parks					
Local Nature Reserves	pg 53	1			
Marine Nature Reserves	pg 53		1		
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 53	1			
Sites of Special Scientific Interest	pg 53	1			
Special Areas of Conservation					
Special Protection Areas	pg 53	1			
World Heritage Sites					

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (S)	0	1	604450 163150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B7NW (S)	0	1	604500 163200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B7NW (SE)	0	1	604700 163150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B7NW (SE)	0	1	604750 163200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B7NW (SE)	0	1	604800 163200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B5SW (W)	0	1	603250 162950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5NE (SW)	19	1	603550 163000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NW (SW)	38	1	603900 163100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B7NE (SE)	89	1	605000 163150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B7NE (SE)	96	1	605150 163100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B7NE (SE)	104	1	605000 163100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (S)	115	1	604350 163050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NW (SW)	138	1	604000 163050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B8NE (E)	188	1	605600 163150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	198	1	603200 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B8NE (E)	208	1	605650 163200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	219	1	603600 162900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6NE (SW)	220	1	604250 163000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (SW)	237	1	604200 163050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	238	1	603800 162950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SE (S)	252	1	604350 162900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B8SW (SE)	291	1	605300 162900

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	B5SW (SW)	300	1	603400 162750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	308	1	603700 162800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B8SW (SE)	338	1	605200 162800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B8SE (SE)	395	1	605550 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B5SW (SW)	408	1	603200 162650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B1NW (SW)	451	1	603300 162550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B1NW (SW)	457	1	603200 162600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	463	1	603650 162650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	478	1	603750 162700
1	**Discharge Consents** Operator: Mr Sean Figgis Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hilltop Wilgate Green, Throwley, Faversham, Kent, Me13 0pw Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Npswqd002425 Permit Version: 1 Effective Date: 20th August 2008 Issued Date: 20th August 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib Of The Swale **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	B6NE (S)	151	2	604386 162995
2	**Discharge Consents** Operator: Richard Cook Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Sandbanks Farm,Sandbanks Lane Sandbanks Farm, Sandbanks Lane, Graveney,Nr Faversham, Kent, Me13 9dh Authority: Environment Agency, Southern Region Catchment Area: Swale Reference: P11864 Permit Version: 1 Effective Date: 17th May 2004 Issued Date: 17th May 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Pond - No Outlet Receiving Water: Discharging Into A Lagoon **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	B6SW (SW)	345	2	603860 162860

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Simon Peter Warren Property Type: Mixed Farming Location: Sandbanks Farm, Graveney, Faversham, Kent, Me13 9dh Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/194k Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 17th August 2001 Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status: Revoked Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 10m	B6SW (SW)	569	2	603990 162670
4	**Discharge Consents** Operator: Phillip Armstrong Property Type: Mixed Farming Location: Sandbanks Farm, Sandbanks Lane, Graveny, Faversham, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/53k Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 31st March 2004 Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status: Revoked Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 10m	B2NW (SW)	629	2	603950 162590
	Nearest Surface Water Feature	B10SE (NW)	0	-	604223 163634
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	B5SW (W)	150	2	603229 162881
	River Quality Name: White Drain GQA Grade: River Quality D Reach: Red Sluice - Waterham Road Estimated Distance (km): 3.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	B8NE (E)	258	2	605700 163027
	River Quality Name: White Drain GQA Grade: River Quality E Reach: Waterham Road - Boughton Stw Estimated Distance (km): 3.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	B8SE (SE)	542	2	605723 162796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 4 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (E)	0	2	604890 163370
5	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 4 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (E)	0	2	604890 163370
5	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 4 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (E)	0	2	604890 163370
5	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 4 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (E)	0	2	604890 163370

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 4 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (E)	0	2	604890 163370
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir As Outlined On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 3, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	4	2	603380 163150
7	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 6 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (S)	42	2	604420 163100
8	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 7 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	116	2	604230 163280
8	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 7 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	116	2	604230 163280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 7 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir As Outlined On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	116	2	604230 163280
9	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 6 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	189	2	604230 163120
9	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 6 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	189	2	604230 163120
9	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 6 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	189	2	604230 163120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 6 At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NE (SW)	189	2	604230 163120
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir As Outlined On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 2 From Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1000 Yearly Rate (m3): 22730 Details: To Fill Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	314	2	603440 162750
11	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 1, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 545 Yearly Rate (m3): 27270 Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B1NE (SW)	776	2	603810 162410
12	**Water Abstractions** Operator: G M Minter Licence Number: 2/0045/ /SR Permit Version: Not Supplied Location: LANGDON COURT Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Drain Daily Rate (m3): 500 Yearly Rate (m3): 18184 Details: Drain; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B4NE (SE)	780	2	605760 162550
13	**Water Abstractions** Operator: G M Minter Licence Number: 08/094 Permit Version: Not Supplied Location: White Drain, GRAVENEY Authority: Environment Agency, Southern Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Drain Daily Rate (m3): 109 Yearly Rate (m3): 3953 Details: White Drain; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B4NE (SE)	822	2	605750 162500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir As Outlined On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To Fill Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1000 Yearly Rate (m3): 22730 Details: To Fill Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170
14	**Water Abstractions** Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 100 Location: Point 5, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 16th May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SE (S)	991	2	604230 162170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 1, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SW (SW)	1013	2	603930 162190
	Water Abstractions Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr/A Permit Version: 1 Location: Point 1, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SW (SW)	1013	2	603930 162190
	Water Abstractions Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 102 Location: Point 1, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 6th December 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SW (SW)	1013	2	603930 162190
	Water Abstractions Operator: Edward Vinson Ltd Licence Number: 9/40/02/0037/Sr Permit Version: 101 Location: Point 1, From Ditches And Nagden Drain At Sandbanks Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: On Land Boldly Outlined On Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B2SW (SW)	1013	2	603930 162190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A Figgis Licence Number: 9/40/02/0036/Sr Permit Version: 100 Location: Point 2 On White Sluice Main Drain At Wey Street Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Four Areas Of Land Shown Thickly Outlined On The Said Map Authorised Start: 01 May Authorised End: 31 August Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B4NE (SE)	1041	2	605840 162300
	Water Abstractions Operator: Mr B.R. Brooks Licence Number: 08/095 Permit Version: 100 Location: Points C-D, The White Drain Nr. Goodnestone. Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 20th October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B4SE (SE)	1222	2	605620 162020
	Water Abstractions Operator: Mr B.R. Brooks Licence Number: 08/095 Permit Version: 100 Location: Points A-B, Goodnestone Stream In Goodnestone. Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 500 Yearly Rate (m3): 6819 Details: As Boldly Outlined On Licence Map. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 20th October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1251	2	604760 161850
	Water Abstractions Operator: Mr A Figgis Licence Number: 9/40/02/0036/Sr Permit Version: 100 Location: Point 3 On White Sluice Main Drain At Wey Street Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Four Areas Of Land Shown Thickly Outlined On The Said Map Authorised Start: 01 May Authorised End: 31 August Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1338	2	605540 161880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: G M Minter Licence Number: 2/0045/ /SR Permit Version: Not Supplied Location: LANGDON COURT Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Drain Daily Rate (m3): 500 Yearly Rate (m3): 18184 Details: Drain; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1419	2	604600 161680
	Water Abstractions Operator: Mr A Figgis Licence Number: 9/40/02/0036/Sr Permit Version: 100 Location: Point 4 On White Sluice Main Drain At Wey Street Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Four Areas Of Land Shown Thickly Outlined On The Said Map Authorised Start: 01 May Authorised End: 31 August Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1460	2	605450 161740
	Water Abstractions Operator: G M Minter Licence Number: 2/0045/ /SR Permit Version: Not Supplied Location: LANGDON COURT Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Drain Daily Rate (m3): 500 Yearly Rate (m3): 18184 Details: Drain; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1619	2	605450 161580
	Water Abstractions Operator: Mr P B Austen Licence Number: 9/40/02/0039/Gr Permit Version: 100 Location: Point X At School Farm, Faversham 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: Two Areas Of Land Shown Edged Blue On The Said Plan Authorised Start: 01 December Authorised End: 31 January Permit Start Date: 19th April 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1917	2	603650 161160

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr P B Austen Licence Number: 9/40/02/0039/Gr Permit Version: 100 Location: Point X At School Farm, Faversham 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: Two Areas Of Land Shown Edged Blue On The Said Plan Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 19th April 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1917	2	603650 161160
	Water Abstractions Operator: P R Bones Licence Number: 2/0023/ /SR Permit Version: Not Supplied Location: Fairbrook Farm Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 546 Yearly Rate (m3): 13638 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1960	2	605430 161220
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 47 East Kent Scale: 1:100,000	B11SE (E)	0	2	605000 163396
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	B5SE (SW)	0	2	603522 162840
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	B10SE (SW)	0	2	604475 163396
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	B7NW (S)	0	2	604506 163215
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	(W)	0	2	603074 163227
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	B7NW (S)	0	2	604510 163214
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B7NW (S)	0	1	604499 163177
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	B10SE (SW)	0	1	604475 163396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	B11SE (E)	0	1	605000 163396
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B10SE (SW)	0	1	604475 163396
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B11SE (E)	0	1	605000 163377
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B15SE (NE)	0	1	605000 164048
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	B11SE (E)	0	1	604988 163395
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	B7NW (S)	0	1	604491 163102
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	B11SE (E)	0	1	605000 163389
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B5SE (SW)	0	2	603540 162640
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B10SE (SW)	0	2	604475 163396
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B12SE (E)	8	2	605635 163335
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models and Tidal Events Boundary Accuracy: As Supplied	(NE)	26	2	605899 164382
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial / Tidal Models and Tidal Events Boundary Accuracy: As Supplied	(NE)	232	2	605880 164409
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B10SE (SW)	0	2	604475 163396
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B12SE (E)	13	2	605640 163325
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B5NW (W)	49	2	603240 162980
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B16SE (NE)	60	2	605775 163990
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B5SW (W)	115	2	603210 162935
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B5SW (W)	145	2	603215 162920

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	B10SE (SW)	0	2	604475 163396
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	(W)	0	2	603095 163180
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	0	3	605178 164155
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	0	3	605293 164189
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 346.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SE (E)	0	3	605039 163304
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NW (E)	0	3	605203 163199
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SE (E)	0	3	604977 163311
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SE (E)	0	3	605037 163302
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 154.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SE (E)	0	3	604916 163396
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NW (NW)	0	3	603862 164623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13NE (NW)	0	3	603688 164546
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 505.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13SE (NW)	0	3	603792 164056
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 419.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	(N)	0	3	604008 164677
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NW (NW)	0	3	603865 164611
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NW (NW)	0	3	603868 164604
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 288.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NW (NW)	0	3	603953 164329
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13NE (NW)	0	3	603588 164524
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13NE (NW)	0	3	603685 164554
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14SW (NW)	0	3	604003 164205

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 437.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14SW (NW)	0	3	604026 164194
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 222.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NE (N)	0	3	604299 164546
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NE (N)	0	3	604314 164523
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 276.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14SE (N)	0	3	604366 164262
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 290.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14SE (N)	0	3	604390 164285
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 327.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14NE (N)	0	3	604347 164519
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 869.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15SW (N)	0	3	604704 164012
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 469.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15NE (N)	0	3	604875 164391
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 289.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15NE (NE)	0	3	604888 164376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 437.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15NE (NE)	0	3	605000 164399
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 109.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605189 164381
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 305.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605208 164498
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 228.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605249 164460
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 130.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	0	3	605332 164235
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605397 164350
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605401 164347
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605412 164338
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 147.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605425 164349

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 234.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NW (NE)	0	3	605425 164348
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 408.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NE (NE)	0	3	605532 164464
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 176.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NE (NE)	0	3	605594 164607
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 268.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NE (NE)	0	3	605594 164607
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 250.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15SE (NE)	0	3	604916 164074
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 98.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	0	3	605276 164106
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15SW (N)	0	3	604707 164009
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 197.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15SW (N)	0	3	604717 164013
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 297.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B15SE (NE)	0	3	604900 164081

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B14SW (NW)	0	3	604019 164189
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11NW (N)	0	3	604707 163967
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11NW (N)	0	3	604494 163969
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604721 163102
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604644 163099
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604648 163097
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 287.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (S)	0	3	604415 163142
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604644 163106
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 164.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604721 163102

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NE (SE)	0	3	604911 163170
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604645 163112
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 145.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604640 163256
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (S)	0	3	604426 163254
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NE (E)	0	3	604937 163252
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NE (SE)	0	3	604909 163175
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 273.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604640 163256
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 375.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NW (W)	0	3	603831 163160
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5NE (W)	0	3	603507 163190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 203.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5NE (W)	0	3	603481 163277
78	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5NE (W)	0	3	603528 163220
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5NE (W)	0	3	603528 163220
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NW (W)	0	3	603855 163254
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 570.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B9SW (W)	0	3	603168 163537
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 141.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SW (W)	0	3	603927 163368
83	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 28.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5NE (W)	0	3	603511 163273
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B9SE (W)	0	3	603505 163299
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 702.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B9SE (W)	0	3	603808 163410

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 623.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B9SW (W)	0	3	603467 163397
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 275.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B9SW (W)	0	3	603153 163541
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13SW (NW)	0	3	603459 164012
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 294.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5NE (W)	0	3	603492 163195
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1074.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13SW (NW)	0	3	603458 164022
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 208.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13NE (NW)	0	3	603586 164540
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B13NE (NW)	0	3	603682 164570
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	0	3	604638 163271
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 199.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (E)	0	3	604640 163386

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (W)	0	3	604162 163300
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 413.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604413 163440
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 214.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SW (W)	0	3	604140 163361
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 262.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604699 163553
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 324.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604433 163456
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604639 163483
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 177.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (W)	0	3	604418 163390
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604697 163529
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 139.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604313 163530

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604697 163538
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604679 163576
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604210 163617
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604210 163617
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604217 163627
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 173.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604677 163632
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 380.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11SW (NE)	0	3	604677 163632
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 344.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10SE (NW)	0	3	604222 163635
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 161.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10NE (NW)	0	3	604154 163709

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 346.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B10NW (NW)	0	3	604076 163857
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 376.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11NW (N)	0	3	604492 163944
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 223.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	1	3	605332 164235
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NE (SE)	1	3	604886 163104
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 708.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (NE)	2	3	605730 163951
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SE (NE)	2	3	605503 164082
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 255.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (S)	2	3	604426 163254
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 257.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B11NW (NE)	2	3	604708 163842
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 113.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	3	3	604646 163096

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 199.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	3	3	604783 163047
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (NE)	4	3	605679 163924
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (NE)	20	3	605643 163940
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (E)	21	3	605614 163841
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	21	3	605327 164135
127	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1116.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	B5NW (W)	23	3	603218 162961
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 137.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SE (NE)	24	3	605576 164044
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 235.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (NE)	31	3	605739 163966
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	47	3	605343 164157

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	47	3	605341 164159
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	48	3	605345 164170
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	51	3	605349 164164
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SW (NE)	54	3	605349 164164
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 159.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	56	3	604363 163149
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	56	3	604363 163149
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 272.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NE (SE)	57	3	604882 163046
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B5NW (W)	59	3	603360 162996
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 143.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B5NE (W)	59	3	603494 163007

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (S)	63	3	604428 163076
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 65.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (SE)	75	3	604693 163024
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (W)	76	3	604165 163285
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 129.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NW (NE)	87	3	605409 163797
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B5SW (W)	89	3	603326 162959
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 135.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (E)	90	3	605712 163712
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1099.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B5SE (SW)	90	3	603589 162673
147	**OS Water Network Lines** Watercourse Form: Foreshore Watercourse Length: 82.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B5SW (W)	97	3	603302 162936
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	98	3	604169 163264

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (E)	107	3	605821 163866
150	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	B5SW (W)	119	3	603230 162941
151	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	123	3	604297 163177
152	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 839.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	B5SW (W)	123	3	603224 162940
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 154.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	124	3	604294 163157
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (E)	128	3	605611 163833
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B7NW (S)	136	3	604650 162962
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	136	3	604178 163226
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	142	3	604271 163147

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 75.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	143	3	604242 163186
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SE (NE)	155	3	605604 164188
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 194.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16SE (NE)	156	3	605623 164172
161	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 232.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	173	3	605624 163372
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 126.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	173	3	604245 163151
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	173	3	604241 163167
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	174	3	605620 163210
165	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	178	3	604242 163186
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B6NE (SW)	181	3	604267 163043

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	183	3	605602 163160
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NE (NE)	198	3	605732 164341
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 502.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B16NE (NE)	198	3	605733 164365
170	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	208	3	605602 163068
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 273.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	208	3	605661 163274
172	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NW (E)	214	3	605410 163742
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NW (E)	214	3	605382 163766
174	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NW (NE)	214	3	605409 163797
175	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12NE (E)	223	3	605712 163674

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	239	3	605643 163474
177	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 274.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B5SW (SW)	245	3	603392 162813
178	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	266	3	605706 163632
179	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 303.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B8NE (E)	283	3	605725 163190
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 306.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B8NE (E)	291	3	605706 163115
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	292	3	605721 163152
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	304	3	605692 163572
183	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 201.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	310	3	605761 163238
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 220.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B12SE (E)	331	3	605804 163442

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	331	3	605729 163516
186	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 308.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	352	3	605778 163133
187	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 135.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8NE (E)	352	3	605778 163133
188	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	393	3	605804 163442
189	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 250.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B12SE (E)	416	3	605833 163434
190	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 144.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B8SE (SE)	476	3	605719 162871
191	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 191.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	488	3	605696 162844
192	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 584.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B1NE (SW)	526	3	603518 162417
193	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	562	3	605581 162719

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	566	3	605589 162716
195	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	567	3	605589 162716
196	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	567	3	605588 162715
197	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	568	3	605588 162715
198	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B8SE (SE)	611	3	605803 162765
199	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 179.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	611	3	605661 162657
200	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 252.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	631	3	605624 162598
201	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B8SE (SE)	631	3	605819 162752
202	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B8SE (SE)	644	3	605636 162638

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 240.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	(SE)	692	3	605862 162707
204	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	693	3	605623 162594
205	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 208.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1NE (SW)	705	3	603500 162363
206	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B4NE (SE)	726	3	605608 162551
207	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	726	3	605604 162548
208	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	727	3	605604 162548
209	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 489.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	730	3	605595 162535
210	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 279.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SW (SW)	755	3	603360 162240
211	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B1NW (SW)	769	3	603142 162293

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 334.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1NW (SW)	772	3	603141 162291
213	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 144.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	780	3	605578 162476
214	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	826	3	605754 162497
215	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	826	3	605754 162497
216	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	828	3	605757 162496
217	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 477.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SW (SW)	850	3	603384 162201
218	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SW (SW)	850	3	603384 162201
219	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 147.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	868	3	605533 162364
220	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SW (SW)	874	3	603404 162178

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 485.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SE (SW)	876	3	603777 162123
222	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	877	3	605715 162430
223	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 106.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	886	3	605712 162419
224	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 157.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	886	3	605712 162419
225	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SE (SW)	931	3	603805 162229
226	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 179.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B2SW (SW)	931	3	603963 162179
227	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SE (SW)	933	3	603801 162224
228	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SE (SW)	935	3	603800 162222
229	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 153.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4SE (SE)	948	3	605514 162275

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B1SE (SW)	959	3	603799 162194
231	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	B4NE (SE)	962	3	605673 162320
232	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 327.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	B2SE (S)	976	3	604219 162187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	**Historical Landfill Sites** Licence Holder: Mr French Location: Graveney, Kent Name: Graveney Landfill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19468 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7185 BGS Ref: Not Supplied Other Ref: SW48	B8SE (SE)	455	2	605581 162830
234	**Licensed Waste Management Facilities (Locations)** Licence Number: 19426 Location: Unit B, Swan Farm Industrial Estate, Cleve Hill, Faversham, Kent, ME13 9EE Operator Name: Reefguild Limited Operator Location: Not Supplied Authority: Environment Agency - Southern Region, Kent Area Site Category: Physico-chemical Treatment Facilities **Licence Status: Expired** Issued: 24th March 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Approximate location provided by supplier	B15SE (NE)	0	2	605000 164000
	Local Authority Landfill Coverage Name: Swale Borough Council - Has no landfill data to supply		0	4	604475 163396
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	5	604475 163396
	Local Authority Landfill Coverage Name: Canterbury City Council - Has supplied landfill data		23	6	605898 164374
235	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	B8NW (E)	0	-	605282 163292
236	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	B12SW (E)	0	-	605343 163395
237	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	B8SW (SE)	353	-	605409 162868
238	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	B8SW (SE)	484	-	605441 162739

curtins

Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	**Registered Landfill Sites** Licence Holder: R French Licence Reference: P/05/50 Site Location: Monkshill Road, (Rear Of Marsh View), Graveney, Faversham, Kent Licence Easting: 605630 Licence Northing: 162730 Operator Location: Marsh View, Seasalter Road, Graveney, Kent Authority: Environment Agency - Southern Region, Kent Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Site exempt from licenceExempt Dated: 5th July 1993 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Kent Cat. A - Non (V.Slow)-Degrading W Max.Waste Permitted By Licence Prohibited Waste: Waste N.O.S.	B8SE (SE)	565	2	605630 162730
240	**Registered Waste Treatment or Disposal Sites** Licence Holder: Reefguild Ltd T/A Global Env.Tech.Ser Licence Reference: P/05/48 Site Location: Unit B Swan Farm Industrial Estate, Cleave Hill, FAVERSHAM, Kent, ME13 9EE Operator Location: As Site Address Authority: Environment Agency - Southern Region, Kent Area Site Category: Treatment Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 24th March 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Aluminium Litho Plates Max.Waste Permitted By Licence Metal Ion-Exchange Swarf Photographic Film Photographic Fixer Sol'Ns Silver Flake Spec.Waste (Epa'90:S62/1996 Regs) Prohibited Waste: Special Wastes (As In S17 1980) Waste N.O.S.	B11NW (NE)	23	2	604770 163950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	B10SE (SW)	0	1	604475 163396
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10SE (SW)	0	1	604475 163396
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B5NW (W)	57	1	603465 163000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B6NE (S)	102	1	604475 163000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B6SE (SW)	386	1	604210 162818
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B1SW (SW)	784	1	603145 162275
241	**BGS Recorded Mineral Sites** Site Name: Graveney Clay Pit Location: Graveney, Faversham, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 132186 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	B8NW (E)	0	1	605281 163294

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	**BGS Recorded Mineral Sites** Site Name: Graveney Brick Works Location: Graveney, Faversham, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 132187 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	B8SW (SE)	436	1	605485 162815
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	B11SE (NE)	0	1	604871 163578
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	B10SE (W)	0	1	604161 163304
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	22	1	604491 163102
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	31	1	604514 163076
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	B7NE (SE)	126	1	605000 163041
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	604466 163872
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SW (W)	0	1	604104 163408
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11SE (NE)	0	1	604871 163578
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163389
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	0	1	604491 163102
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	604988 163395
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B15SE (NE)	0	1	605000 164048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163377
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B16SE (NE)	219	1	605833 164133
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B6SW (SW)	249	1	604007 162882
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	604466 163872
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11SE (NE)	0	1	604871 163578
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	0	1	604491 163102
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B15SE (NE)	0	1	605000 164048
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163377
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B16SE (NE)	219	1	605833 164133
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B11NW (N)	0	1	604689 163941
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B15SE (NE)	0	1	605000 163979
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605086 163445
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	0	1	604491 163102
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B15SE (NE)	0	1	605000 163979
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163377
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11SE (NE)	0	1	604871 163578
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	604466 163872
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B5SW (W)	11	1	603229 162934
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6NE (SW)	34	1	604171 163073
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B16SE (NE)	219	1	605833 164133
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605000 163396
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	0	1	604499 163177
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B5SW (W)	19	1	603229 162934
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B6NE (SW)	34	1	604171 163073
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B2NE (S)	73	1	604322 162397
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B7NE (SE)	89	1	605000 163151
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6SW (SW)	249	1	604007 162882
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B10SE (SW)	0	1	604475 163396
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605004 163396
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B7NW (S)	0	1	604529 163149
	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	B10SE (SW)	0	1	604475 163396

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B11SE (E)	0	1	605004 163396
	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	B7NW (S)	0	1	604529 163149

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
243	**Contemporary Trade Directory Entries** Name: Overhaul Solutions Ltd Location: Cleve Farm, Cleve Hill, Graveney, Faversham, ME13 9EE Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	B11NW (NE)	62	-	604820 163895
244	**Contemporary Trade Directory Entries** Name: Global Envirotec Services Ltd Location: Cleave Hill, Graveney, Faversham, Kent, ME13 9EE Classification: Chemical Recycling & Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	B11NE (NE)	82	-	604860 163820
245	**Contemporary Trade Directory Entries** Name: J D Mills Engineering Location: 1, Sandbanks Farm, Sandbanks Lane, Graveney, Faversham, Kent, ME13 9DH Classification: Agricultural Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	B2NW (SW)	630	-	603958 162593
246	**Points of Interest - Commercial Services** Name: Overhaul Solutions Ltd Location: Cleave Farm, Cleve Hill, Graveney, Faversham, ME13 9EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B11NW (NE)	62	7	604820 163895
247	**Points of Interest - Manufacturing and Production** Name: Sheep Wash Location: ME13 Category: Farming Class Code: Sheep Dips and Washes Positional Accuracy: Positioned to an adjacent address or location	B12NE (NE)	7	7	605683 163965
248	**Points of Interest - Manufacturing and Production** Name: Swan Poultry Farm Location: ME13 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	B12SW (E)	37	7	605453 163363
249	**Points of Interest - Manufacturing and Production** Name: Tank Location: ME13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B11NW (NE)	42	7	604749 163922
250	**Points of Interest - Manufacturing and Production** Name: Tank Location: ME13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B6SE (S)	212	7	604340 162946
251	**Points of Interest - Manufacturing and Production** Name: H R Bowles & Co Location: Graveney Court Farm, Seasalter Road, Graveney, Faversham, ME13 9DZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	B8SW (SE)	466	7	605261 162722
251	**Points of Interest - Manufacturing and Production** Name: H R Bowles & Co Ltd Location: Graveney Court Farm, Seasalter Road, Graveney, Faversham, ME13 9DZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	B8SW (SE)	466	7	605261 162722
252	**Points of Interest - Manufacturing and Production** Name: Tanks Location: ME13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B6SW (SW)	571	7	603938 162648
253	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B14NE (N)	0	7	604338 164538

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
254	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B14NW (NW)	0	7	603965 164330
255	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B7NE (SE)	0	7	604880 163111
256	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B14SW (NW)	0	7	604008 164192
257	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B12NE (NE)	4	7	605715 163948
258	**Points of Interest - Public Infrastructure** Name: Slurry Pit Location: ME13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B11NW (NE)	116	7	604802 163841
259	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B16NE (NE)	190	7	605733 164375
260	**Points of Interest - Public Infrastructure** Name: Weir Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B8SE (E)	465	7	605724 162889
261	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B1SE (SW)	915	7	603792 162240
261	**Points of Interest - Public Infrastructure** Name: Sluice Location: ME13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	B1SE (SW)	940	7	603808 162220

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	**Ancient Woodland** Name: The Rough Reference: 1498467 Area(m²): 20998.58 Type: Ancient and Semi-Natural Woodland	B6SE (S)	392	8	604250 162789
263	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 13857209.46 Source: Natural England	B10SE (SW)	0	8	604475 163396
264	**Local Nature Reserves** Name: South Bank Of The Swale Multiple Area: N Area (m2): 4105330.46 Source: Natural England Designation Date: 1st January 1969	(N)	0	8	603994 164673
265	**Marine Nature Reserves** Name: The Swale Estuary Multiple Area: Y Area (m2): 51312966.83 Source: Natural England	B5SW (W)	4	8	603302 162937
266	**Ramsar Sites** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK11071 Designation Date: Not Supplied	B8NE (E)	0	8	605511 163297
267	**Sites of Special Scientific Interest** Name: The Swale Multiple Areas: N Total Area (m2): 65094222.06 Source: Natural England Reference: 1003678 Designation Details: Environmentally Sensitive Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 20th February 1990 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Ramsar Site Designation Date: 20th February 1990 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Special Protection Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 20th February 1990 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 20th February 1990 Date Type: Notified	B8NE (E)	0	8	605511 163297
268	**Special Protection Areas** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK9012011 Designation Date: Not Supplied	B8NE (E)	0	8	605511 163297

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Canterbury City Council - Environmental Health Department	April 2014	Annual Rolling Update
Swale Borough Council - Environmental Health Department	January 2015	Annually
Discharge Consents		
Environment Agency - Southern Region	October 2017	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region	October 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Southern Region	January 2015	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2017	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	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

curtins

Data Currency

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	October 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	November 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines		
Ordnance Survey	October 2017	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Local Authority Landfill Coverage		
Canterbury City Council - Environmental Health Department	May 2000	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Canterbury City Council - Environmental Health Department	June 2003	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update

curtins

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	November 2017	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
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	November 2017	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	November 2017	Quarterly
Gas Pipelines		
National Grid	July 2014	Quarterly
Points of Interest - Commercial Services		
PointX	December 2017	Quarterly
Points of Interest - Education and Health		
PointX	December 2017	Quarterly
Points of Interest - Manufacturing and Production		
PointX	December 2017	Quarterly
Points of Interest - Public Infrastructure		
PointX	December 2017	Quarterly
Points of Interest - Recreational and Environmental		
PointX	December 2017	Quarterly
Underground Electrical Cables		
National Grid	December 2015	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**Swale Borough Council - Environmental Health Department** Swale House, East Street, Sittingbourne, Kent, ME10 3HT	Telephone: 01795 424341 Fax: 01795 417217 Website: www.swale.gov.uk
5	**Kent County Council - Waste Management Group** Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
6	**Canterbury City Council - Environmental Health Department** Council Offices, Military Road, Canterbury, Kent, CT1 1YW	Telephone: 01227 862 000 Fax: 01227 785 705 Website: www.canterbury.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
153931816_1_1

Customer Reference:
EBMA 1044

National Grid Reference:
606210, 163680

Slice:
C

Site Area (Ha):
402.25

Search Buffer (m):
1000

Site Details:

Proposed Solar Park Site

Client Details:

Miss S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

curtins

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	-
Sensitive Land Use	20
Data Currency	21
Data Suppliers	26
Useful Contacts	27

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.

Copyright Notice

© Landmark Information Group Limited 2018. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 1				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 1			1	1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 1				1 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 2	Yes	n/a	n/a	n/a
Drift Deposits	pg 2	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 3		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 3	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 3	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 3	3	11	31	62

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes		Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 18		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 20	1			
Forest Parks					
Local Nature Reserves	pg 20	1			
Marine Nature Reserves	pg 20		1		
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 20	1			
Sites of Special Scientific Interest	pg 20	1			
Special Areas of Conservation					
Special Protection Areas	pg 20	1			
World Heritage Sites					

curtins

Agency & Hydrological

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	(SW)	96	1	605200 163100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	104	1	605250 163050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C5NW (S)	188	1	606100 163050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C5NW (SW)	208	1	606000 163250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	291	1	605350 162900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	338	1	605300 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	395	1	605650 162900
	Nearest Surface Water Feature	C13NW (N)	0	-	605862 164614
1	**Pollution Incidents to Controlled Waters** Property Type: Agricultural Location: Graveney Marshes Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Unknown Note: Dead Fish In River Incident Date: 24th August 1992 Incident Reference: CD/174/92 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	C5NW (SW)	552	2	606000 163200
	River Quality Name: White Drain GQA Grade: River Quality D Reach: Red Sluice - Waterham Road Estimated Distance (km): 3.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	C9NE (NE)	258	2	606313 163880
	River Quality Name: White Drain GQA Grade: River Quality E Reach: Waterham Road - Boughton Stw Estimated Distance (km): 3.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	(SW)	542	2	605723 162796
2	**Water Abstractions** Operator: G M Minter Licence Number: 08/094 Permit Version: Not Supplied Location: White Drain, GRAVENEY Authority: Environment Agency, Southern Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Drain Daily Rate (m3): 109 Yearly Rate (m3): 3953 Details: White Drain; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	C5SW (S)	690	2	605860 162710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A Figgis Licence Number: 9/40/02/0036/Sr Permit Version: 100 Location: Drain At Wey Street Farm Marked Point 1 Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 546 Yearly Rate (m3): 12274 Details: The Four Areas Of Land Shown Thickly Outlined On The Said Map Authorised Start: 01 May Authorised End: 31 August Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C1SE (S)	1465	2	606390 162140
	Water Abstractions Operator: Mr A R Barten Licence Number: 08/080 Permit Version: 100 Location: Point B, Trib. Of White Drain At Hernhill. Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map. Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 20th October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C2SW (S)	1555	2	606630 162250
	Water Abstractions Operator: Mr A R Barten Licence Number: 08/080 Permit Version: 100 Location: Point A, Trib. Of White Drain At Hernhill. Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map. Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 20th October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	C2SW (S)	1719	2	606760 162150
	Water Abstractions Operator: Mr A Figgis Licence Number: 9/40/02/0036/Sr Permit Version: 100 Location: Points 5 & 6 On The North Drain At Wey Street Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Four Areas Of Land Shown Thickly Outlined On The Said Map Authorised Start: 01 May Authorised End: 31 August Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C2SW (S)	1745	2	606760 162110
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 47 East Kent Scale: 1:100,000	C9NE (NE)	0	2	606212 163680
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	C5NW (SW)	0	2	606027 163236

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	C9NE (NE)	0	1	606212 163680
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	1	605270 163145
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C9NE (NE)	0	1	606212 163680
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(SW)	0	1	605659 163402
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	C9NE (NE)	8	2	606212 163680
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models and Tidal Events Boundary Accuracy: As Supplied	C13SW (N)	26	2	606110 164255
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C13SW (NW)	156	2	605915 164025
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C9NW (NW)	183	2	605965 163890
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial / Tidal Models and Tidal Events Boundary Accuracy: As Supplied	C13NW (N)	232	2	605990 164430
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	(W)	0	2	605760 163680
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	C9NE (NE)	13	2	606212 163680
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C13SW (NW)	60	2	605920 164020
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C9NW (NW)	178	2	605970 163895
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	C9NE (NE)	0	2	606212 163680
	Flood Water Storage Areas None				
	Flood Defences None				
3	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1475.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	0	3	606048 164604

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 482.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	0	3	606029 164600
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 268.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	0	3	605862 164612
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 708.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (W)	2	3	605882 163635
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 235.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (NW)	31	3	605866 164073
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (NW)	107	3	605899 163925
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (NW)	162	3	605914 163886
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 160.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (NW)	162	3	605899 163925
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (NW)	188	3	605961 163873
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (NW)	198	3	605843 164181

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 502.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	198	3	605949 164447
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 500.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C9NW (W)	226	3	605930 163649
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 265.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (NW)	243	3	605944 164059
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (NW)	245	3	606090 163776
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	254	3	605870 164611
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	257	3	605881 164611
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	262	3	605881 164611
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (NW)	270	3	605852 164185
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 160.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	272	3	605893 164453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 227.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (NW)	273	3	605970 164077
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 366.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (NW)	277	3	605859 164186
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 201.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (SW)	310	3	605962 163243
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C9NW (W)	329	3	605930 163649
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 220.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C9NW (W)	331	3	605882 163635
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (W)	343	3	605945 163645
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 135.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (SW)	352	3	605854 163105
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 252.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SW (SW)	363	3	606137 163594
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NW (W)	386	3	606074 163713

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 149.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NE (N)	386	3	606225 163751
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 250.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SW (SW)	416	3	606079 163389
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (N)	417	3	606143 164030
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C13SW (N)	417	3	606159 164030
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 232.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (N)	420	3	605963 164300
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (N)	421	3	606004 164292
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 158.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (N)	427	3	606148 164051
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 278.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NE (N)	431	3	606236 163749
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (N)	431	3	606160 164016

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 380.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C13SE (N)	433	3	606285 163993
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 153.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SW (N)	447	3	606134 164196
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	476	3	606101 164482
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SE (N)	476	3	606230 164187
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 289.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (SW)	484	3	605899 163077
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (SW)	484	3	605941 163186
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (SW)	495	3	605962 163243
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (SW)	495	3	605941 163186
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (S)	510	3	606050 163259

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	516	3	606120 164471
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	523	3	606154 164474
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SE (N)	532	3	606220 164157
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NE (NE)	532	3	606239 163742
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 553.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NE (E)	543	3	606255 163693
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 249.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SE (N)	554	3	606230 164187
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	556	3	606165 164478
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 254.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SE (N)	556	3	606244 164161
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NW (N)	561	3	606168 164584

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 229.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	568	3	606234 164404
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SW (S)	576	3	606160 163542
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 261.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	579	3	606337 164624
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	579	3	606189 164645
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SW (SW)	589	3	606125 163483
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SW (SW)	594	3	606130 163488
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (S)	598	3	606059 163280
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 308.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (S)	598	3	606050 163259
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SW (SW)	603	3	606079 163389

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 465.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SE (SE)	607	3	606437 163420
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	(SW)	631	3	605819 162752
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (S)	645	3	606068 163074
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NW (S)	658	3	606095 163054
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 240.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C5SW (S)	692	3	605863 162710
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 147.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C5SW (S)	692	3	605863 162710
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 242.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NE (NE)	695	3	606432 163956
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 490.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SE (SE)	732	3	606358 163546
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9NE (NE)	751	3	606487 163890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 87.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C9NE (NE)	760	3	606509 163864
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	767	3	606358 164403
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	767	3	606357 164401
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 233.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	767	3	606358 164403
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 125.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13SE (NE)	804	3	606462 164280
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 163.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C14SW (NE)	804	3	606545 164178
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 439.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C5SW (S)	808	3	606072 162708
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C5SW (S)	816	3	606044 162704
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 143.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C10NW (NE)	819	3	606552 163823

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 383.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C10NW (NE)	819	3	606549 163829
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 222.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C5SW (S)	828	3	605983 162630
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	(S)	828	3	605757 162496
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C5SW (S)	828	3	605983 162630
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	839	3	606448 164609
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	847	3	606457 164608
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 224.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	856	3	606454 164401
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 280.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C14SW (NE)	857	3	606580 164135
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 144.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C1NW (S)	861	3	606012 162613

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	867	3	606476 164604
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 277.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SE (SE)	868	3	606437 163420
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 501.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	877	3	606491 164619
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 262.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C13NE (N)	877	3	606487 164622
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NE (S)	879	3	606369 163189
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 176.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C10NW (E)	880	3	606588 163708
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 157.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	(S)	886	3	605712 162419
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 488.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SE (SE)	894	3	606499 163310
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C1NW (S)	917	3	605868 162448

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 467.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C9SE (SE)	920	3	606511 163298
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 442.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C5NE (SE)	944	3	606500 163264
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C1NW (S)	972	3	606013 162472
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C1NW (S)	972	3	606013 162472
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C1NW (S)	972	3	606011 162471
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	C10SW (E)	988	3	606650 163556
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 1	C1NW (S)	998	3	605868 162359

Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Swale Borough Council - Has no landfill data to supply		0	4	606212 163680
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	5	606212 163680
	Local Authority Landfill Coverage Name: Canterbury City Council - Has supplied landfill data		23	6	606283 163991

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	C9NE (NE)	0	1	606212 163680
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C9NE (NE)	0	1	606212 163680
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C1NW (S)	102	1	606067 162562
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C5NW (S)	624	1	606111 163000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C5SW (S)	626	1	605897 162823
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C5SW (S)	709	1	606000 162816
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C5SW (S)	747	1	606139 162757

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C13SW (NW)	136	1	605911 164020
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C9NW (NW)	153	1	605935 163852
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C9NW (NW)	177	1	605961 163895
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C13SW (NW)	219	1	605877 164135
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C13SW (NW)	136	1	605911 164020
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C9NW (NW)	153	1	605935 163852
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C9NW (NW)	177	1	605961 163895
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C13SW (NW)	219	1	605877 164135
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C13SW (NW)	136	1	605911 164020
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C9NW (NW)	153	1	605935 163852
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C9NW (NW)	177	1	605961 163895
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C13SW (NW)	219	1	605877 164135
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C5NW (S)	89	1	606037 163215
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C9NE (NE)	0	1	606212 163680
	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	C9NE (NE)	0	1	606212 163680

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 13857209.46 Source: Natural England	C9NE (NE)	0	8	606212 163680
111	**Local Nature Reserves** Name: South Bank Of The Swale Multiple Area: N Area (m2): 4105330.46 Source: Natural England Designation Date: 1st January 1969	C13NW (N)	0	8	606060 164605
112	**Marine Nature Reserves** Name: The Swale Estuary Multiple Area: Y Area (m2): 51312966.83 Source: Natural England	(N)	4	8	606174 164820
113	**Ramsar Sites** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK11071 Designation Date: Not Supplied	C9NE (NE)	0	8	606212 163680
114	**Sites of Special Scientific Interest** Name: The Swale Multiple Areas: N Total Area (m2): 65094222.06 Source: Natural England Reference: 1003678 Designation Details: Environmentally Sensitive Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 20th February 1990 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Ramsar Site Designation Date: 20th February 1990 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Special Protection Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 20th February 1990 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 20th February 1990 Date Type: Notified	C9NE (NE)	0	8	606212 163680
115	**Special Protection Areas** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK9012011 Designation Date: Not Supplied	C9NE (NE)	0	8	606212 163680

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Canterbury City Council - Environmental Health Department	April 2014	Annual Rolling Update
Swale Borough Council - Environmental Health Department	January 2015	Annually
Discharge Consents		
Environment Agency - Southern Region	October 2017	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region	October 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Southern Region	January 2015	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2017	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	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

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	October 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	November 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines		
Ordnance Survey	October 2017	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

curtins

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Local Authority Landfill Coverage		
Canterbury City Council - Environmental Health Department	May 2000	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Canterbury City Council - Environmental Health Department	June 2003	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	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 Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2017	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	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	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
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	November 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2017	Quarterly
Points of Interest - Education and Health PointX	December 2017	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2017	Quarterly
Points of Interest - Public Infrastructure PointX	December 2017	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2017	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

curtins

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**Swale Borough Council - Environmental Health Department** Swale House, East Street, Sittingbourne, Kent, ME10 3HT	Telephone: 01795 424341 Fax: 01795 417217 Website: www.swale.gov.uk
5	**Kent County Council - Waste Management Group** Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
6	**Canterbury City Council - Environmental Health Department** Council Offices, Military Road, Canterbury, Kent, CT1 1YW	Telephone: 01227 862 000 Fax: 01227 785 705 Website: www.canterbury.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
153931816_1_1

Customer Reference:
EBMA 1044

National Grid Reference:
602330, 165000

Slice:
D

Site Area (Ha):
402.25

Search Buffer (m):
1000

Site Details:
Proposed Solar Park Site

Client Details:
Miss S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	4
Hazardous Substances	-
Geological	5
Industrial Land Use	-
Sensitive Land Use	7
Data Currency	8
Data Suppliers	13
Useful Contacts	14

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.

Copyright Notice

© Landmark Information Group Limited 2018. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes		n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1		Yes		
Pollution Incidents to Controlled Waters	pg 1				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 1				1 (*1)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 1	Yes	n/a	n/a	n/a
Drift Deposits	pg 2	2	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 2	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 2	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 2	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 2	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
OS Water Network Lines	pg 2		2	5	3

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 4	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 4				1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 5	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 7	1	1		
Forest Parks					
Local Nature Reserves	pg 7	1	1		
Marine Nature Reserves	pg 7		1		
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 7	1			
Sites of Special Scientific Interest	pg 7	1			
Special Areas of Conservation					
Special Protection Areas	pg 7	1			
World Heritage Sites					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	601850 164150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	601850 164450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	194	1	601700 164200
	Nearest Surface Water Feature	D3SE (S)	15	-	602311 164660
1	**Pollution Incidents to Controlled Waters** Property Type: Ships/Boats Location: Swale Between Fowley Island, And Faversham Spit Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Brown Scum Accompanied With A 'Rainbow Sheen' Incident Date: 3rd January 1996 Incident Reference: 296005 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	D4NE (E)	526	2	603001 165001
2	**Water Abstractions** Operator: Kent Wildlife Trust Licence Number: 08/111 Permit Version: 100 Location: Point A, Artesian Well At Oare Marshes Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th December 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D2SW (W)	905	2	601300 164740
	Water Abstractions Operator: Mr P.J. Howe Licence Number: 9/40/02/0166/G Permit Version: 100 Location: Point A, I3 London Clay In Harty, Kent. 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: As Shown Edged Blue On Licence Map. Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 14th October 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D10SE (NW)	1988	2	601680 166230
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	(SW)	0	2	601676 164259
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	(S)	0	2	602420 164458
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	(SW)	0	2	601822 164227

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	(SW)	0	2	601865 164248
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 47 East Kent Scale: 1:100,000	(SW)	0	2	601686 164147
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	1	601836 164423
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	D3SE (S)	0	1	602248 164701
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	D3SE (S)	0	1	602248 164701
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	D3NE (W)	0	2	602329 164995
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	D3NE (W)	0	2	602329 164995
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
3	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 391.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	D4SW (E)	95	3	602632 164928
4	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 787.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Faversham Creek Catchment Name: Not Supplied Primacy: 1	D3SE (S)	213	3	602255 164684
5	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 291.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Elmley Ferry Catchment Name: Not Supplied Primacy: 1	D3SE (S)	339	3	602368 164864
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 622.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	(SW)	431	3	601789 164567

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 2009.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	D4SW (E)	475	3	602632 164928
8	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 212.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Elmley Ferry Catchment Name: Not Supplied Primacy: 1	D3SE (SE)	482	3	602425 164881
9	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1843.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Elmley Ferry Catchment Name: Not Supplied Primacy: 1	D3SE (S)	488	3	602318 164893
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 251.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	D2SW (W)	763	3	601304 164678
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 224.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	D2SW (W)	810	3	601293 164742
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	D2SW (W)	928	3	601276 164747

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Swale Borough Council - Has no landfill data to supply		0	4	602329 164995
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	5	602504 164471
13	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1870	D2SW (W)	981	-	601227 164791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	(S)	0	1	602418 164613
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D3SE (S)	0	1	602248 164701
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	D3NE (W)	293	1	602329 164995
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	D4NW (NE)	747	1	602500 165195
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D3NE (N)	773	1	602394 165199
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3SE (S)	0	1	602248 164701
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D3SE (S)	0	1	602248 164701
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3SE (S)	0	1	602248 164701
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D3SE (S)	0	1	602248 164701

curtins

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	602451 164474
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D3SE (S)	11	1	602248 164701
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D3SE (S)	0	1	602248 164701
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D3NE (W)	0	1	602329 164995
	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	D3NE (W)	0	1	602329 164995

curtins

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 13857209.46 Source: Natural England	(S)	0	7	602400 164438
15	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 8658098.98 Source: Natural England	(SW)	227	7	601834 164594
16	**Local Nature Reserves** Name: South Bank Of The Swale Multiple Area: N Area (m2): 4105330.46 Source: Natural England Designation Date: 1st January 1969	D3SE (S)	0	7	602368 164666
17	**Local Nature Reserves** Name: Oare Marshes Multiple Area: N Area (m2): 714396.36 Source: Natural England Designation Date: 13th August 1996	(SW)	221	7	601905 164576
18	**Marine Nature Reserves** Name: The Swale Estuary Multiple Area: Y Area (m2): 51312966.83 Source: Natural England	D3NE (W)	4	7	602329 164995
19	**Ramsar Sites** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK11071 Designation Date: Not Supplied	D3NE (W)	0	7	602329 164995
20	**Sites of Special Scientific Interest** Name: The Swale Multiple Areas: N Total Area (m2): 65094222.06 Source: Natural England Reference: 1003678 Designation Details: Environmentally Sensitive Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 20th February 1990 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Ramsar Site Designation Date: 20th February 1990 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Special Protection Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 20th February 1990 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 20th February 1990 Date Type: Notified	D3NE (W)	0	7	602329 164995
21	**Special Protection Areas** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK9012011 Designation Date: Not Supplied	D3NE (W)	0	7	602329 164995

curtins

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Swale Borough Council - Environmental Health Department	January 2015	Annually
Discharge Consents Environment Agency - Southern Region	October 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region	October 2017 October 2017	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Southern Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	October 2017 October 2017 October 2017	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2017	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	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	October 2017	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	November 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines		
Ordnance Survey	October 2017	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Local Authority Landfill Coverage		
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	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 Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2017	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	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	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
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	November 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2017	Quarterly
Points of Interest - Education and Health PointX	December 2017	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2017	Quarterly
Points of Interest - Public Infrastructure PointX	December 2017	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2017	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

curtins

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**Swale Borough Council - Environmental Health Department** Swale House, East Street, Sittingbourne, Kent, ME10 3HT	Telephone: 01795 424341 Fax: 01795 417217 Website: www.swale.gov.uk
5	**Kent County Council - Waste Management Group** Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
6	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
153931816_1_1

Customer Reference:
EBMA 1044

National Grid Reference:
604560, 165210

Slice:
E

Site Area (Ha):
402.25

Search Buffer (m):
1000

Site Details:
Proposed Solar Park Site

Client Details:
Miss S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	4
Hazardous Substances	-
Geological	5
Industrial Land Use	-
Sensitive Land Use	8
Data Currency	9
Data Suppliers	14
Useful Contacts	15

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.

Copyright Notice

© Landmark Information Group Limited 2018. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 1	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 1	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 1	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 1	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 1	Yes		n/a	n/a
Areas Benefiting from Flood Defences	pg 1	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 1	Yes		n/a	n/a
OS Water Network Lines	pg 1	12		1	

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 5	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 8	1			
Forest Parks					
Local Nature Reserves	pg 8	1			
Marine Nature Reserves	pg 8		1		
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 8	1			
Sites of Special Scientific Interest	pg 8	1			
Special Areas of Conservation					
Special Protection Areas	pg 8	1			
World Heritage Sites					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	E3SW (S)	0	-	604628 164865
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 47 East Kent Scale: 1:100,000	E3SE (SE)	0	2	605000 164920
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	E3SW (S)	0	2	604614 164962
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	E3NW (S)	0	1	604556 165000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	E3NE (SE)	0	1	605000 165000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E3NW (S)	0	1	604556 165000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E3NE (SE)	0	1	605000 165000
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	E3NW (SE)	0	2	604556 165209
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models and Tidal Events Boundary Accuracy: As Supplied	E4SE (E)	26	2	605559 164873
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	E3NW (SE)	0	2	604556 165209
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	E3SW (S)	0	2	604581 164933
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	E3SW (S)	0	2	604582 164931
1	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 419.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E2SE (SW)	0	3	604257 164764
2	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 222.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E2SE (SW)	0	3	604257 164764
3	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 367.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SW (S)	0	3	604600 164881

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SW (S)	0	3	604604 164881
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SW (S)	0	3	604618 164881
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 869.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SW (S)	0	3	604631 164878
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1475.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SW (S)	0	3	604639 164881
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 469.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SE (SE)	0	3	604894 164860
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 437.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E3SE (SE)	0	3	605085 164826
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 305.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E4SW (SE)	0	3	605244 164801
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 176.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E4SE (SE)	0	3	605587 164775
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 482.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	E4SE (SE)	0	3	605589 164775

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 2009.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	E6NW (NW)	475	3	604051 165744

Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Swale Borough Council - Has no landfill data to supply		0	4	604556 165209
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	5	604531 164950
	Local Authority Landfill Coverage Name: Canterbury City Council - Has supplied landfill data		23	6	605434 165409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	E3NW (SE)	0	1	604676 165069
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E3NW (SE)	0	1	604556 165209
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	E10SW (NW)	293	1	604000 166000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	E2NW (W)	305	1	604000 165209
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	E7SW (N)	603	1	604556 165500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	E6SW (NW)	706	1	604078 165500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	E5SW (W)	747	1	603194 165500

curtins

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	E5SE (W)	939	1	603500 165500
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	0	1	604556 165000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	0	1	605000 165000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (SE)	103	1	604556 165209
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (E)	140	1	605000 165209
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	0	1	604556 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	0	1	605000 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (SE)	103	1	604556 165209
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (E)	140	1	605000 165209
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	0	1	604556 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	0	1	605000 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (SE)	103	1	604556 165209
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (E)	140	1	605000 165209
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	0	1	604556 165000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	0	1	605000 165000

curtins

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NW (SE)	103	1	604556 165209
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (E)	140	1	605000 165209
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	604600 164968
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (SE)	0	1	605000 164930
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	11	1	604556 165000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	69	1	605000 165000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (SE)	103	1	604556 165209
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (E)	140	1	605000 165209
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	0	1	604556 165000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	0	1	605000 165000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (SE)	103	1	604556 165209
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (E)	140	1	605000 165209
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E3NW (S)	0	1	604556 164999
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E3NE (SE)	0	1	605004 164999
	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	E3NW (S)	0	1	604556 164999
	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	E3NE (SE)	0	1	605004 164999

curtins

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 13857209.46 Source: Natural England	E3SW (S)	0	8	604582 164933
15	**Local Nature Reserves** Name: South Bank Of The Swale Multiple Area: N Area (m2): 4105330.46 Source: Natural England Designation Date: 1st January 1969	E3NW (SE)	0	8	604556 165209
16	**Marine Nature Reserves** Name: The Swale Estuary Multiple Area: Y Area (m2): 51312966.83 Source: Natural England	E3NW (SE)	4	8	604556 165209
17	**Ramsar Sites** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK11071 Designation Date: Not Supplied	E3NW (SE)	0	8	604556 165209
18	**Sites of Special Scientific Interest** Name: The Swale Multiple Areas: N Total Area (m2): 65094222.06 Source: Natural England Reference: 1003678 Designation Details: Environmentally Sensitive Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 20th February 1990 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Ramsar Site Designation Date: 20th February 1990 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Special Protection Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 20th February 1990 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 20th February 1990 Date Type: Notified	E3NW (SE)	0	8	604556 165209
19	**Special Protection Areas** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK9012011 Designation Date: Not Supplied	E3NW (SE)	0	8	604556 165209

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Canterbury City Council - Environmental Health Department	April 2014	Annual Rolling Update
Swale Borough Council - Environmental Health Department	January 2015	Annually
Discharge Consents		
Environment Agency - Southern Region	October 2017	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region	October 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Southern Region	January 2015	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2017	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	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

curtins

Data Currency

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	October 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	November 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines		
Ordnance Survey	October 2017	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Local Authority Landfill Coverage		
Canterbury City Council - Environmental Health Department	May 2000	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Canterbury City Council - Environmental Health Department	June 2003	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update

curtins

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	November 2017	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
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	November 2017	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	November 2017	Quarterly
Gas Pipelines		
National Grid	July 2014	Quarterly
Points of Interest - Commercial Services		
PointX	December 2017	Quarterly
Points of Interest - Education and Health		
PointX	December 2017	Quarterly
Points of Interest - Manufacturing and Production		
PointX	December 2017	Quarterly
Points of Interest - Public Infrastructure		
PointX	December 2017	Quarterly
Points of Interest - Recreational and Environmental		
PointX	December 2017	Quarterly
Underground Electrical Cables		
National Grid	December 2015	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**Swale Borough Council - Environmental Health Department** Swale House, East Street, Sittingbourne, Kent, ME10 3HT	Telephone: 01795 424341 Fax: 01795 417217 Website: www.swale.gov.uk
5	**Kent County Council - Waste Management Group** Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
6	**Canterbury City Council - Environmental Health Department** Council Offices, Military Road, Canterbury, Kent, CT1 1YW	Telephone: 01227 862 000 Fax: 01227 785 705 Website: www.canterbury.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
153931816_1_1

Customer Reference:
EBMA 1044

National Grid Reference:
606160, 165100

Slice:
F

Site Area (Ha):
402.25

Search Buffer (m):
1000

Site Details:

Proposed Solar Park Site

Client Details:

Miss S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	3
Hazardous Substances	-
Geological	4
Industrial Land Use	6
Sensitive Land Use	7
Data Currency	8
Data Suppliers	13
Useful Contacts	14

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.

Copyright Notice

© Landmark Information Group Limited 2018. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 1				1
Water Industry Act Referrals					
Groundwater Vulnerability	pg 1	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 1	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 1	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 1	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 1	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 1	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 1	Yes		n/a	n/a
OS Water Network Lines	pg 1	2		4	4

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 4	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 4	Yes			Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure	pg 6				2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Order Number: 153931816_1_1 Date: 23-Jan-2018 rpr_ec_datasheet v53.0 A Landmark Information Group Service

curtins

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 7	1			
Forest Parks					
Local Nature Reserves	pg 7	1			
Marine Nature Reserves	pg 7		1		
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 7	1			
Sites of Special Scientific Interest	pg 7	1			
Special Areas of Conservation					
Special Protection Areas	pg 7	1			
World Heritage Sites					

curtins

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	F1SW (SW)	0	-	605878 164670
1	**Water Abstractions** Operator: Shepherd Neame Limited Licence Number: 9/40/02/0014/Gr Permit Version: 101 Location: Well Marked S1 On Plan Ref 1/14/Gr/1at Seasalter Authority: Environment Agency, Southern Region Abstraction: Household Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Shown Red On Said Plan Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 2nd November 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	F1SW (S)	540	2	606150 164660
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 47 East Kent Scale: 1:100,000	F1SW (S)	0	2	606139 164807
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	F1NW (S)	0	1	606164 165000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	F1NW (S)	0	1	606164 165000
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	F1NW (NE)	0	2	606164 165102
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models and Tidal Events Boundary Accuracy: As Supplied	F1SE (S)	26	2	606225 164777
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	F1NW (NE)	0	2	606164 165102
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	F1SE (S)	13	2	606275 164805
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	F1SE (S)	0	2	606267 164816
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	F1SE (S)	0	2	606264 164817
2	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1475.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SW (SW)	0	3	605937 164657

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 482.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	(SW)	0	3	605939 164640
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SW (SW)	257	3	605873 164665
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SW (S)	476	3	606150 164650
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SW (S)	477	3	606093 164747
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SW (S)	493	3	606099 164772
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SE (S)	579	3	606214 164714
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 393.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F1SE (S)	612	3	606286 164788
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 262.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F2SW (SE)	877	3	606591 164859
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Kent Primacy: 2	F2SW (SE)	990	3	606581 164854

Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	4	606164 164830
	Local Authority Landfill Coverage Name: Canterbury City Council - Has supplied landfill data		23	5	606164 165102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	F1SW (S)	0	1	606111 164809
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	F1NW (NE)	0	1	606164 165102
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	F5SW (N)	603	1	606164 165500
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	0	1	606164 165000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F1NW (NE)	140	1	606164 165102
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	0	1	606164 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F1NW (NE)	140	1	606164 165102
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	0	1	606164 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F1NW (NE)	140	1	606164 165102
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	0	1	606164 165000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F1NW (NE)	140	1	606164 165102
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F1SE (S)	0	1	606185 164828
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	69	1	606164 165000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F1NW (NE)	140	1	606164 165102
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	0	1	606164 165000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F1NW (NE)	140	1	606164 165102
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	F1NW (S)	0	1	606164 164999
	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	F1NW (S)	0	1	606164 164999

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Points of Interest - Public Infrastructure** Name: Outfall Location: CT5 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	F2NW (E)	973	6	606528 165032
13	**Points of Interest - Public Infrastructure** Name: Sluice Location: CT5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	F2SW (E)	998	6	606576 164940

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Environmentally Sensitive Areas** Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 13857209.46 Source: Natural England	F1SE (S)	0	7	606267 164823
15	**Local Nature Reserves** Name: South Bank Of The Swale Multiple Area: N Area (m2): 4105330.46 Source: Natural England Designation Date: 1st January 1969	F1NW (NE)	0	7	606164 165102
16	**Marine Nature Reserves** Name: The Swale Estuary Multiple Area: Y Area (m2): 51312966.83 Source: Natural England	F1NW (NE)	4	7	606164 165102
17	**Ramsar Sites** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK11071 Designation Date: Not Supplied	F1NW (NE)	0	7	606164 165102
18	**Sites of Special Scientific Interest** Name: The Swale Multiple Areas: N Total Area (m2): 65094222.06 Source: Natural England Reference: 1003678 Designation Details: Environmentally Sensitive Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 20th February 1990 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Ramsar Site Designation Date: 20th February 1990 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 20th February 1990 Date Type: Notified Designation Details: Special Protection Area Designation Date: 20th February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 20th February 1990 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 20th February 1990 Date Type: Notified	F1NW (NE)	0	7	606164 165102
19	**Special Protection Areas** Name: The Swale Multiple Areas: N Total Area (m2): 65099545.42 Source: Natural England Reference: UK9012011 Designation Date: Not Supplied	F1NW (NE)	0	7	606164 165102

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Canterbury City Council - Environmental Health Department	April 2014	Annual Rolling Update
Swale Borough Council - Environmental Health Department	January 2015	Annually
Discharge Consents		
Environment Agency - Southern Region	October 2017	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region	October 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Swale Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Canterbury City Council - Environmental Health Department	July 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Southern Region	January 2015	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2017	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	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

curtins

Data Currency

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	October 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	November 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines		
Ordnance Survey	October 2017	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Kent & South London Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent Area	October 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	October 2017	Quarterly
Local Authority Landfill Coverage		
Canterbury City Council - Environmental Health Department	May 2000	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Canterbury City Council - Environmental Health Department	June 2003	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Canterbury City Council - Development Control	February 2016	Annual Rolling Update
Kent County Council	January 2016	Annual Rolling Update
Swale Borough Council	October 2015	Annual Rolling Update

curtins

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	November 2017	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
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	November 2017	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	November 2017	Quarterly
Gas Pipelines		
National Grid	July 2014	Quarterly
Points of Interest - Commercial Services		
PointX	December 2017	Quarterly
Points of Interest - Education and Health		
PointX	December 2017	Quarterly
Points of Interest - Manufacturing and Production		
PointX	December 2017	Quarterly
Points of Interest - Public Infrastructure		
PointX	December 2017	Quarterly
Points of Interest - Recreational and Environmental		
PointX	December 2017	Quarterly
Underground Electrical Cables		
National Grid	December 2015	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**Kent County Council - Waste Management Group** Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
5	**Canterbury City Council - Environmental Health Department** Council Offices, Military Road, Canterbury, Kent, CT1 1YW	Telephone: 01227 862 000 Fax: 01227 785 705 Website: www.canterbury.gov.uk
6	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Appendix C – Qualitative Risk Assessment Rationale

The site-specific risk assessment, presented in this report, follows the principle of establishing whether there is a viable linkage between a contaminant source to a potential receptor, via an exposure pathway.

The risk assessment corresponds with the total site area and incorporates both descriptive (qualitative) and, where available, numerical (quantitative) lines of evidence.

Risk assessment is the process of collating known information on a hazard or set of hazards to estimate actual or potential risk to receptors. The receptor may be humans, a water resource, a sensitive local ecosystem or future construction materials. Receptors can be connected to the source by one or several exposure pathways such as direct contact for example. Risks are generally managed by isolating the receptor or intercepting the exposure pathway or by isolating or removing the hazard.

Without the three essential components of a source, pathway and receptor there can be no risk. Therefore, the presence of contaminant source on a site does not necessarily mean there is a risk.

The risk assessment considers the likelihood of an event taking place (accounting for the presence of the source and receptor and the viability of the exposure pathway) in conjunction with the severity of the potential consequence (accounting for the potential severity of the hazard and the sensitivity of the receptor).

In the risk assessment, the consequence of the hazard has been classified as severe or medium or mild or minor and the probability (likelihood) of the circumstances occurring classified as high likelihood or likely or low likelihood or unlikely.

The consequences and probabilities are subsequently cross-correlated to give a qualitative estimation of the risk using Department of the Environment risk classifications as detailed in the table below and as referenced in CIRIA C552.

		Consequence			
		Severe	**Medium**	**Mild**	**Minor**
Probability (Likelihood)	**High Likelihood**	Very High Risk	High Risk	Moderate Risk	Moderate/Low Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

Copyright ©2018 Curtins Consulting Ltd

In accordance with DoE guidance, the following categorisation of **consequence** has been developed.

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to an ecosystem or organisation forming part of such ecosystem.	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to Human Health. Pollution of sensitive water resources. A significant change in an ecosystem or organism forming part of such ecosystem.	Concentration of a contaminant from site exceeds the generic or site-specific assessment criteria. Leaching of contaminants from a site to a Principal or Secondary A aquifer. Death of a species within a designated nature reserve. Lesser toxic and asphyxiate effects
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater (inc. Secondary B aquifers). Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc). Easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discoloration of concrete.

Copyright ©2018 Curtins Consulting Ltd

066705-CUR-00-XX-RP-GE-001 Cleve Hill Solar Park, Kent
Phase 1 Preliminary Site Assessment

In accordance with DoE guidance, the following categorisation of **probability** has been developed.

Classification	Definition
High Likelihood	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

In accordance with DoE guidance, the following categorisation of **risk** has been developed.

Classification	Definition
Very High Risk	There is a *high probability* that *severe harm* could arise to a designated receptor from an identified hazard at the site without appropriate further action.
High Risk	*Harm* is *likely to arise* to a designated receptor from an identified hazard at the site without appropriate further action.
Moderate Risk	*It is possible* that without appropriate further action *harm could arise* to a designated receptor. It is relatively *unlikely* that any such harm would be *severe,* and if any harm were to occur it is *more likely* that such harm would be *relatively mild.*
Low Risk	*It is possible* that *harm could arise* to a designated receptor from an identified hazard. It is *likely* that, at worst, if any harm was realised any effects would be *mild.*
Very Low Risk	The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.

The term 'risk' in this instance refers to the risk that the source, pathway, receptor linkage for a given source of contamination is complete. It does not refer to immediate risk to individuals or features present on the site from potential contaminants and is intended to be used as a tool to assess the necessity of further investigation.

Rev V01 |Copyright ©2018 Curtins Consulting Ltd

Our Locations

Birmingham
2 The Wharf
Bridge Street
Birmingham
B1 2JS
T. 0121 643 4694
birmingham@curtins.com

Bristol
Quayside
40-58 Hotwell Road
Bristol
BS8 4UQ
T. 0117 302 7560
bristol@curtins.com

Cambridge
50 Cambridge Place
Cambridge
CB2 1NS
T. 01223 631 799
cambridge@curtins.com

Cardiff
3 Cwrt-y-Parc
Earlswood Road
Cardiff
CF14 5GH
T. 029 2068 0900
cardiff@curtins.com

Douglas
Varley House
29-31 Duke Street
Douglas
Isle of Man
IM1 2AZ
T. 01624 624 585
douglas@curtins.com

Dublin
39 Fitzwilliam Square
Dublin 2
Ireland
T. 00353 1 507 9447
dublin@curtins.com

Edinburgh
1a Belford Road
Edinburgh
EH4 3BL
T. 0131 225 2175
edinburgh@curtins.com

Glasgow
Queens House
29 St Vincent Place
Glasgow
G1 2DT
T. 0141 319 8777
glasgow@curtins.com

Kendal
28 Lowther Street
Kendal
Cumbria
LA9 4DH
T. 01539 724 823
kendal@curtins.com

Leeds
Rose Wharf
Ground Floor
Leeds
L29 8EE
T. 0113 274 8509
leeds@curtins.com

Liverpool
51-55 Tithebarn Street
Liverpool
L2 2SB
T. 0151 726 2000
liverpool@curtins.com

London
40 Compton Street
London
EC1V 0BD
T. 020 7324 2240
london@curtins.com

Manchester
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG
T. 0161 236 2394
manchester@curtins.com

Nottingham
56 The Ropewalk
Nottingham
NG1 5DW
T. 0115 941 5551
nottingham@curtins.com

curtins

Registered in England and Wales number: 2054159
Registered office: 51-52 Tithebarn Street, Liverpool, L2 2SB