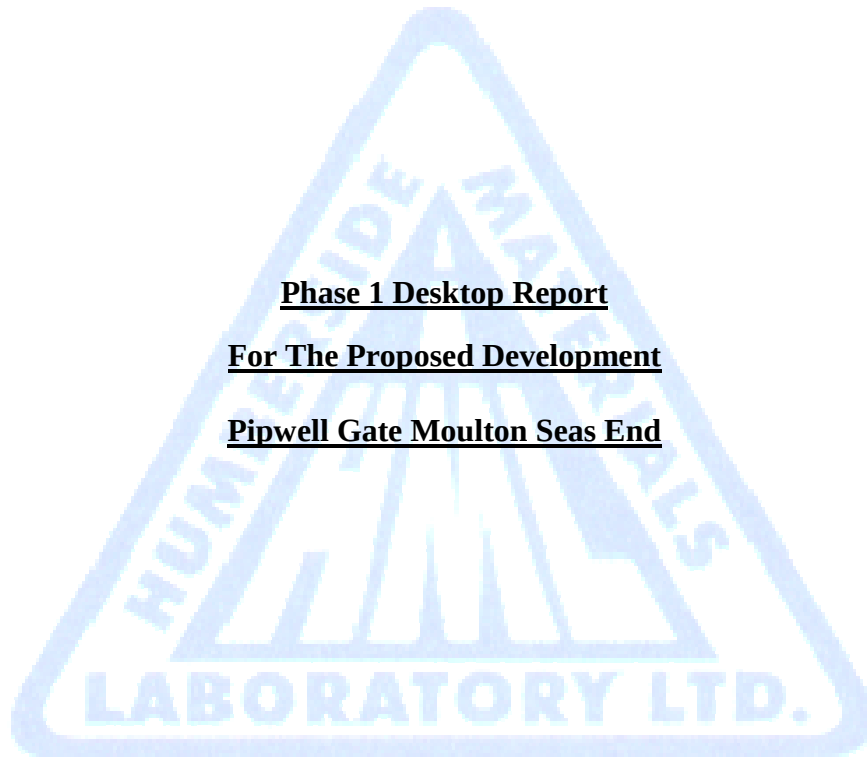


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Phase 1 Desktop Report
For The Proposed Development
Pipwell Gate Moulton Seas End

Client CAD

Date: January 2017
Report: 991/4136/P

PHASE 1 DESKTOP REPORT FOR THE

PROPOSED DEVELOPMENT

PIPWELL GATE MOULTON SEAS END

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1.0 Introduction

At the request of Cooper Architectural Design on behalf of their client, Humberside Materials Laboratory Limited were engaged to undertake a phase 1 desktop study for the proposed development adjacent to Pebble Cottage, Pipwell Gate in Moulton Seas End. The aim of the investigation is to assess the environmental settings for potential contamination on the site and produce an initial conceptual model. Planning application H13-1205-16

When assessing the environmental risks of the site the following definitions are used: -

Very Low.	It is very unlikely that there is a risk associated with the site.
Low.	It is unlikely that there is a risk associated with the site.
Medium.	The previous/current uses of the property have or are of a nature, which could give rise to a potential risk associated with the site.
High.	The previous/current use is of a nature that will very likely give rise to a risk associated with the site.
Very High.	The previous/current use is of a nature that is most likely to have a risk associated with the site.

The methodology and references used in the compilation of this report includes: -

- BS 5930 - Code of practice for site investigations.
- BS 10175 - Investigation of potentially contaminated sites - Code of practice.

- CLEA documents published by DEFRA and the Environment Agency.

UK legislation and guidance on assessing potentially contaminated land requires the use of a risk assessment based on a review of a source - pathway - receptor relationship. A key component of the overall risk is identification of significant linkages between these. Initially this is undertaken by a phase 1 desktop study to identify the historic and area environmental settings for the site. Contamination source is defined as a substance either on or under the land which has the potential to cause harm or pollution to human or environmental receptors. A pathway is defined as a route by which a receptor could be exposed to a contamination source. Receptors include the occupants of the site, ecological system, controlled waters, buildings and services. The presence of all three indicates a risk and assessment would be required. The initial process is the review of information for the desktop study to produce an initial site conceptual model. This will identify contaminants of concern, pathways and receptors and give a guide to further investigation, if required.

This report is produced solely for CAD and their client and should only be copied in full. When transmitted electronically the definitive copy of the report is held by Humberside Materials Laboratory Ltd.

2.0 Site Description

The site is off Pipwell Gate to the southwest of Moulton Seas End. The proposed development is for a single residential house, plot 3. The other two plots are adjacent to the site in an agricultural field. A site location and proposed layout plans are included in appendix A.

A walkover survey was undertaken on the 9th January 2016. The site is 0.09Ha in size and is relatively flat. A view of the site is presented in appendix A. The surface is rough grass with a small mound evident. Local information indicates that this is the arisings from a new `Klargester` septic tank that was installed a few years ago. It was also confirmed that the site was a garden to a Cottage. There was no evidence of surface staining or potential sources of contamination present.

3.0 Site History

Historic maps have been obtained dating back to 1887; copies of these are included in appendix B. The relevant details from these are discussed below.

1887 - The site is part of a field to the southwest of Moulton Seas End. To the south of the site is a building fronting onto the road commensurate with a cottage in size. Halesgate Lodge is a short distance to the south.

1906 - As above.

1931 - As above.

1952 - As above

1969 - As above with the addition of a small greenhouse and two small structures. The site is notated as Pebble Cottage.

1976 - As above. Development has occurred along Pipwell Gate as Moulton Seas End expands.

1991 - Pebble Cottage is notated off the southern boundary. The greenhouse has been removed and a single small structure still remains.

1999 - As above.

2000 - The site remains as above.

2006 - As above

2016 - As above with the small kerbside structure removed.

4.0 Area Environment

An envirocheck search has been obtained and is presented in appendix C. This is reviewed in the following sections.

There is no potential for groundwater flooding reported.

There are no recorded contaminated land entries for the area.

The nearest discharge consent still current is 178m southwest of the site. This is to land/soakaway at Jack Buck Farm. Further more distant discharges are given in appendix C.

There is one prosecution relating to controlled waters in the area. This was in 2010 and situated 715m northwest of the site. There are no enforcement and prohibition notices in the area.

There are no IPCs, IPPCs or local authority PPCs within 500m of the site. There are no local authority pollution prevention and control enforcements within 500m.

The nearest surface water feature is noted as 44m south of the site. There is a further drain to the north of the site, circa 50m. These are considered potential receptors if potential contamination is present.

There are no pollution incidents to controlled waters noted within 1000m. Two further distant incidents are recorded in appendix C.

No prosecutions relating to authorised processes are noted within 1000m.

There are no radioactive substances registered in the area.

No river quantity data is given in the area.

There are no substantiated pollution incidents registered within 1000m of the site.

There are no surface water or groundwater abstraction noted within 1000m of the site.

There are no water industry act referrals noted in the area.

Groundwater vulnerability is not classified. Drift deposits are recorded as none. The bedrock aquifer is designated as unproductive. The superficial aquifer designation is unproductive. The site is not within a source protection zones.

The site is within an extreme flood risk zone. The nearest zone is 169m north of the site. The map for surface water flood risks is presented in appendix C.

The map for the river network lines is included in appendix C which includes the nearest surface water feature being a tertiary river offline drainage.

There are no BGS recorded landfill sites in the area. There is a historical landfill site 390m west of the site. There are no licensed waste management facilities in the area.

There is potentially infilled land (water) 464m northwest of the site dated 1956. Further more distant infill is given in appendix C.

There is no COMAH or NIHHS sites in the area.

Reference to the British Geological map for the area indicates the geology to be tidal flat deposits of silt and clay over West Walton, Ampthill clay and Kimmeridge clay formations, undifferentiated.

Estimated soil chemistry sources indicate the following element concentrations for rural soil: -

- Arsenic <15mg/kg
- Cadmium <1.8mg/kg
- Chromium 40-60mg/kg
- Lead <100mg/kg
- Nickel 15-30mg/kg.

There are no BGS recorded mineral sites in the area.

The site is in an area where coal mining might not affect the site. No hazard is given for non-coal mining activity.

Geological hazards are recorded as follows.

Collapsible ground stability	None
Compressible ground stability	Medium
Ground dissolution	None
Landslide ground stability	Very low
Running sand	Medium
Shrinking & swelling clay	Low

The site is in a low probability area with less than 1% of homes above the action level. No radon protection measures are therefore necessary for new homes.

There are no fuel stations in the vicinity of the site.

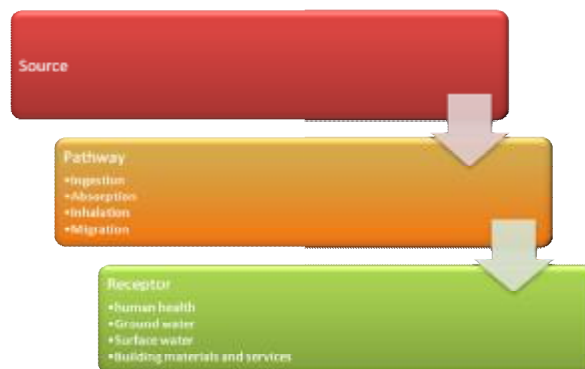
A review of the contemporary trade directory and points of interest does not give any potential sites that would influence the site under investigation.

There are no sensitive land uses recorded in the area.

5.0 Phase I Conclusions and Conceptual Model

Reviewing the history of the site regarding potential contamination indicates the site was a field prior to use as a garden area to Pebble Cottage.

The following basic conceptual model is considered for the site.



Site specific conceptual model

The site has been a field and a garden area. There is no evidence to indicate any fuel tanks have been on the site. The activities associated with the site are commensurate with normal domestic gardens.

No landfill sites or infill land have been identified in the area, therefore ground gases are not considered present.

The estimated soil chemistry (natural levels) indicates metals should not be above generic assessment criteria given by the LQM/CIEH S4ULs.

No contaminants of concern have been identified. Pathways are present. Identified receptors considered include occupants (in particular young children) when the development is complete and surface water features.

The following site conceptual model is applicable.

Site Conceptual Model					
Source		Pathway		Receptor	
Source type/area	Contaminant - likelihood	Route	Sub-route		Risk
Non-identified	Non-identified	Ingestion	Soils and soils attached and absorbed by home grown produce, Indoor dust Outdoor dust	Human health	Very low
		Absorption	Dermal contact	Human health	Very low
		Inhalation	Indoor dust Outdoor dust Indoor vapour Outdoor vapour	Human health	Very low
		Migration		Groundwater Surface water	Low
				Building materials & services	Very low
Not applicable					
Item		Rational			

Risks

With due consideration to the afore and the conceptual model that it builds up, it is concluded at this stage that there is an overall very low risk of contaminants on the site that could pose a significant risk to human health and the environment as potential contaminants have not been identified. Pathways are present but sources have not been identified. Potential receptors have been identified. The source-pathway-receptor chain is severed by a lack of an identified source.

From the BGS database radon protection measures are not necessary.

5.1 Investigation Recommendations

Based on the evidence in this report an intrusive investigation for contamination is not required.

6.0 Conclusion

The proposed development is on land that have historically been proven to have been field and then garden to Pebble Cottage. The historic and area environmental settings have been assessed. A conceptual model has been developed for the site.

From the BGS database no radon protection measures are necessary.

Any unforeseen contamination encountered during the development of the site should be reported to the local authority. Work should be halted in that area and the contamination investigated/assessed to the satisfaction of the local authority.

This report is prepared on the assumption that all facts have been disclosed. The comments given in this report and the opinions expressed assume that conditions do not vary beyond the range revealed by this study and the information provided in the production of this report is complete and reliable.

M J Green I.Eng F.I.H.I.E.

Appendix A



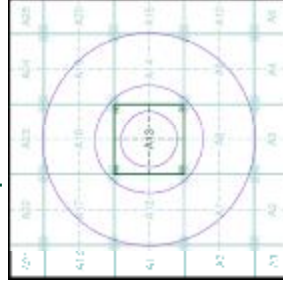
View of site

Appendix B

Historical Mapping Legends

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1887	2
Lincolnshire	1:10,560	1906	3
Lincolnshire	1:10,560	1906	4
Lincolnshire	1:10,560	1906	5
Lincolnshire	1:10,560	1931-1932	6
Lincolnshire	1:10,560	1931-1932	7
Lincolnshire	1:10,560	1932	8
Lincolnshire	1:10,560	1938-1952	9
Lincolnshire	1:10,560	1961	10
Ordinance Survey Plan	1:10,000	1956	11
Ordinance Survey Plan	1:10,000	1977	12
Ordinance Survey Plan	1:10,000	1992	13
10K Raster Mapping	1:10,000	2000	14
10K Raster Mapping	1:10,000	2006	15
Vectorized Local	1:10,000	2016	16

Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900

Slice:	A
Site Area (Ha):	0.09
Search Buffer (m):	1000

Site Details

Site Details
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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A Landmark Information Group Service v50.0 06-Jan-2017 Page 1 of 16

Ordinance Survey County Series 1:10,560

Ordnance Survey Plan 1:10,000

1:10,000 Raster Mapping

[illegible]



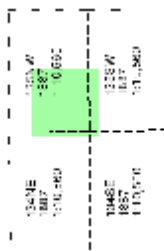
Lincolnshire

Published 1887

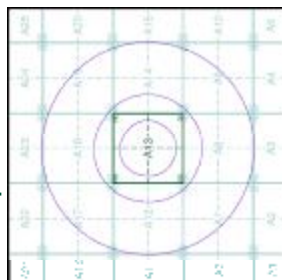
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1838, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1840's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with rail military camps and other single sites highlighted. These maps were produced using the Transverse Mercator Projection. The 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
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Site Details

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Web: www.envirocheck.co.uk



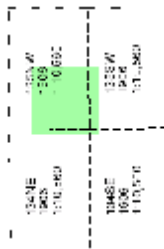
Lincolnshire

Published 1906

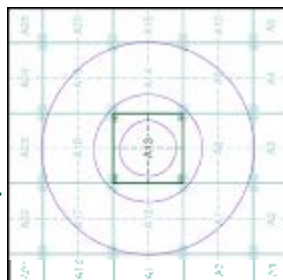
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



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Order Details

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National Grid Reference: 532420, 326900
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Site Area (Ha): 0.09
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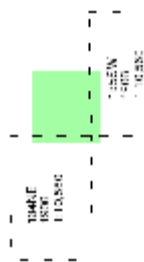
Lincolnshire

Published 1906

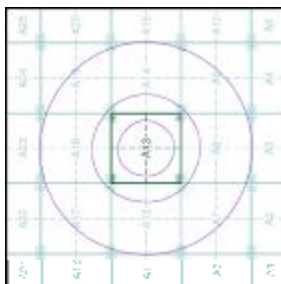
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Map Name(s) and Date(s)



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Lincolnshire

Published 1906

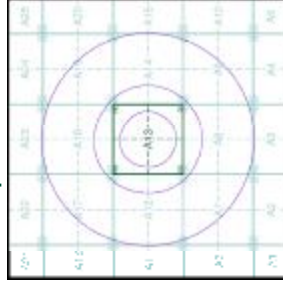
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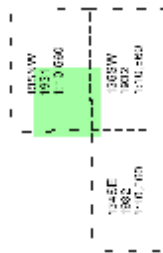
Lincolnshire

Published 1931 - 1932

Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:25,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites marked. These maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)





Lincolnshire

Published 1931 - 1932

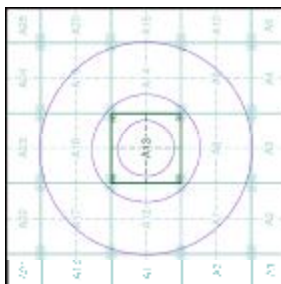
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:25,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with rail military camps and other strategic sites highlighted. These maps were produced using the Transverse Mercator Projection. The 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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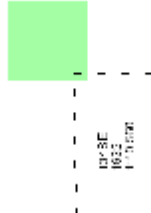


Published 1932

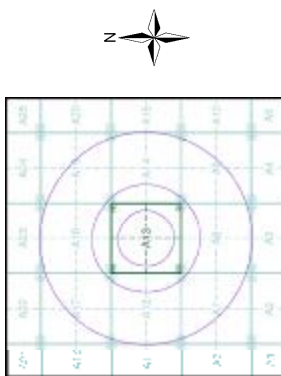
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held in Great Britain and Ireland and were copied for England, Wales and Scotland in the 1840s or 1850s. The maps were produced by the Ordnance Survey, the national mapping agency for Great Britain and Ireland. The published date of the map is 1850, although the map was actually produced some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection with independent inaccuracies of a single country or group of countries, giving rise to significant inaccuracies in culling the data. In the late 1940's, a Provisional Edition was produced, which updated the 1:63,360 mapping from a number of sources. The maps appear uninflated - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:63,360 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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Historical Map - Slice A



Order Details

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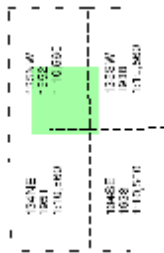
Lincolnshire

Published 1938 - 1952

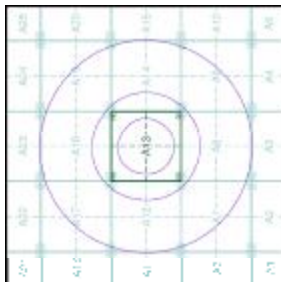
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with rail military camps and other strategic sites marked. These maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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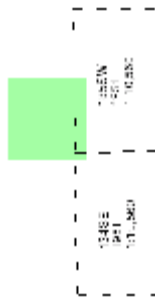
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Tel: 0844 844 9952
Web: www.envirocheck.co.uk



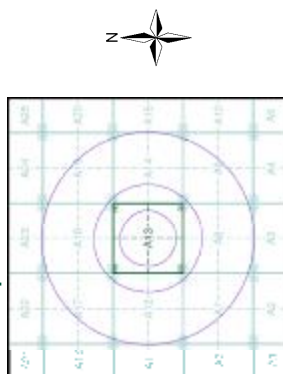
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held in the scale adopted for England, Wales and Scotland in the 1840's, i.e. 1:250,000. The 1:250,000 scale was adopted for mapping urban areas; these maps were used to update the 1:100,000 maps. The published data given therefore is often several years later than the surveyed data. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single area often being carried out at different times. The new Ordnance Survey maps, in the late 1940's, of a Provisional Edition was produced, which updated the 1:250,000 maps. The maps appear to be unaltered, but the 1:100,000 maps were initially overprinted with the National Grid. In 1970, the first 1:250,000 maps were produced using the Transverse Mercator Projection. The maps were then updated, consistently with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1956

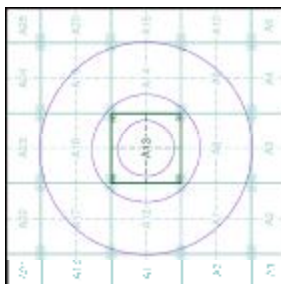
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:10,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites now marked. These maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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Historical Map - Slice A



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Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



Tel: 0844 844 9952
Fax: 0844 844 9953
Web: www.envirocheck.co.uk



Published 1977

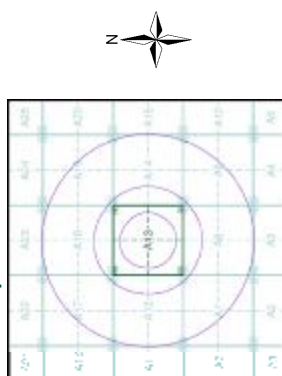
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:25,000 scale was adopted for mapping urban areas, these maps were used to update the 1:10,000 maps. The published date when there are no other more recent years is taken from survey dates. Before 1838, at OS maps were produced by the Ordnance Survey, the maps were produced by the county or group of counties, giving rise to significant inaccuracies in outlining boundaries. In the late 1940's a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear uninformed, with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:25,000 maps were produced using the Transverse Mercator Projection. The Provisional version process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
A
Slice: 0.09
Site Area (Ha): 1000
Search Buffer (m):

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



Ordnance Survey Plan

Published 1992

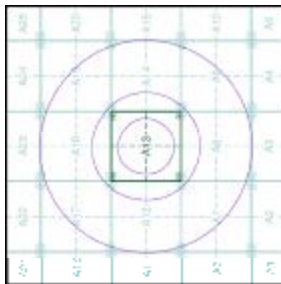
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:25,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites now marked with a red dot. These maps were produced using the Transverse Mercator Projection. The 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



10k Raster Mapping

Published 2000

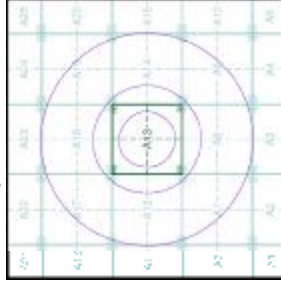
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



10k Raster Mapping

Published 2006

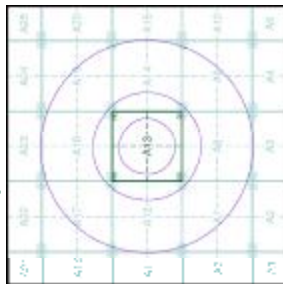
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



Tel: 0844 844 9952
Fax: 0844 844 9953
Web: www.envirocheck.co.uk



VectorMap Local

Published 2016

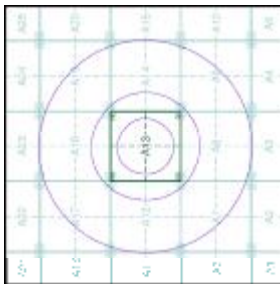
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'background' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10,000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

28°NW
28°E
72°30'W

Historical Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

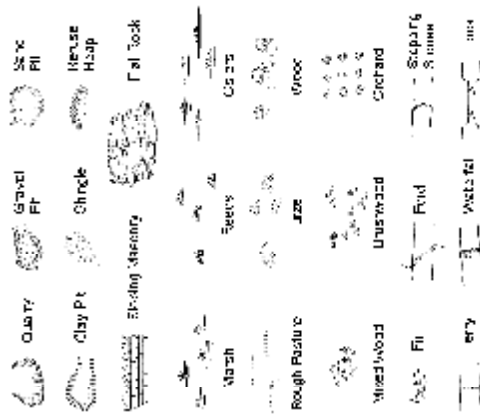
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



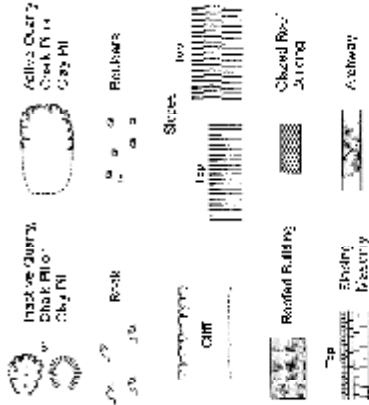
0844 844 9952
Tel:
0844 844 9952
Web:
www.envirocheck.co.uk

Historical Mapping & Photography included:

Ordnance Survey County Series and
Ordnance Survey Plan 1:2,500



Ordnance Survey Plan, Additional SIMs and
Supply of Unpublished Survey Information
1:2,500 and 1:1,250



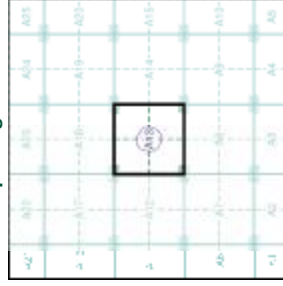
Large-Scale National Grid Data 1:2,500 and
1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1880	2
Lincolnshire	1:2,500	1904	3
Lincolnshire	1:2,500	1931	4
Ordnance Survey Plan	1:2,500	1969 - 1975	5
Supply of Unpublished Survey Information	1:2,500	1976	6
Additional SIMs	1:2,500	1991	7
Large-Scale National Grid Data	1:2,500	1995	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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Fax: 0844 844 9951
Web: www.landmark.co.uk



Lincolnshire

Published 1888

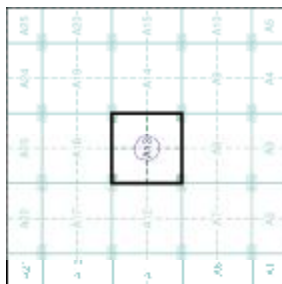
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1

Customer Ref: MG61

National Grid Reference: 532420, 326900

Site: A

Site Area (Ha): 0.09

Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



Lincolnshire

Published 1904

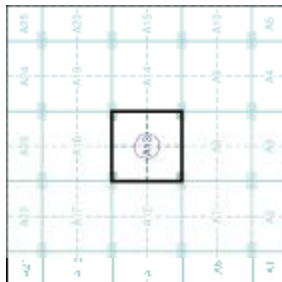
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



Lincolnshire

Published 1931

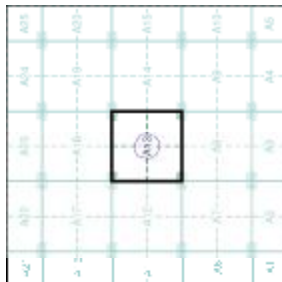
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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Fax: 0844 844 9951
Web: www.environment.co.uk



Ordnance Survey Plan

Published 1969 - 1975

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TS1227

1:2,500

1:2,500

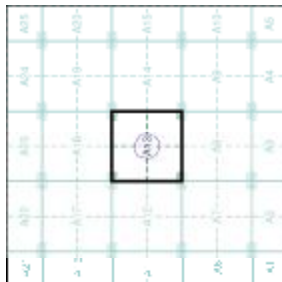
1:2,500

1:2,500

1:2,500

1:2,500

Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1

Customer Ref: MG61

National Grid Reference: 532420, 326900

Site: A

Search Buffer (m): 100

Site Area (Ha): 0.09

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



Supply of Unpublished Survey Information

Published 1976

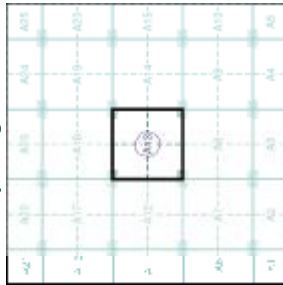
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



Additional SIMs

Published 1991

Source map scale - 1:2,500

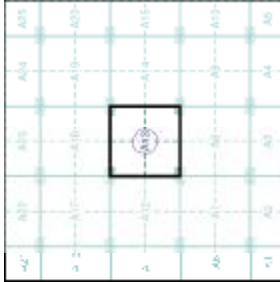
The SIM cards (Ordinance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

TS1227
1:2,500
1:2,500

TS1227
1:2,500
1:2,500

Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



Large-Scale National Grid Data

Published 1995

Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1995. These maps were the forerunners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

T13227

1995

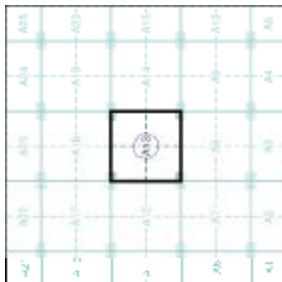
1:2,500

1:2,500

1:2,500

1:2,500

Historical Map - Segment A13



Order Details

Order Number: 109670135_1_1

Customer Ref: MG61

National Grid Reference: 532420, 326900

Slice: A

Site Area (Ha): 0.09

Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



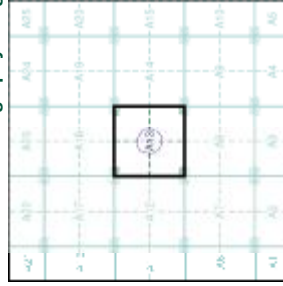
Historical Aerial Photography

Published 1999

This aerial photography was produced by Geomapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain



Historical Aerial Photography - Segment A13



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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

Appendix C



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

109670135_1_1

Customer Reference:

MG61

National Grid Reference:

532420, 326900

Slice:

A

Site Area (Ha):

0.09

Search Buffer (m):

1000

Site Details:

26, Pipwell Gate
Moulton Seas End
Spalding
PE12 6LU

Client Details:

MR M Gree
Humberside Materials Laboratory Ltd
Atherton Way
Brigg
North Lincolnshire
DN20 8AR

Prepared For:

Cooper Architectural Design



Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	14
Hazardous Substances	-
Geological	15
Industrial Land Use	17
Sensitive Land Use	-
Data Currency	20
Data Suppliers	25
Useful Contacts	26

Introduction

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

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

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Peter Brett Associates Copyright Notice

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Radon Potential dataset Copyright Notice

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

Report Version v50.0



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	pg 1		10	10	23
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 11		Yes		
Pollution Incidents to Controlled Waters	pg 11				2
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 12	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 12	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 12	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage	pg 13		Yes	Yes	n/a



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 14			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 14	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 14			1	4
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					



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 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	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 17		1	1	2
Fuel Station Entries					
Points of Interest - Commercial Services	pg 17			3	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 17		1	4	11
Points of Interest - Public Infrastructure	pg 19				1
Points of Interest - Recreational and Environmental	pg 19				1
Gas Pipelines					
Underground Electrical Cables					



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					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Mr & Mrs S J Bailey Property Type: Not Supplied Location: Pipwell Gate Moulton Seas End, Spalding, Lincs, Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: PmIf02410 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Land Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	32	3	532390 326950
1	Discharge Consents Operator: P L Ely (Contractors) Ltd Property Type: Domestic Property (Single) Location: Pipwell Gate, Moulton Seas End Moulton Seas End, Spalding, Lincs., Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5If5468 Permit Version: 1 Effective Date: 24th December 1987 Issued Date: 24th December 1987 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Land Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (W)	58	3	532350 326930
2	Discharge Consents Operator: Kings Quality Homes Property Type: Domestic Property (Single) Location: Pipwell Gate Plot 4 Moulton Seas End, Spalding, Lincs, Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5If5396 Permit Version: 1 Effective Date: 18th August 1987 Issued Date: 18th August 1987 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Land Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	173	3	532290 327050
3	Discharge Consents Operator: Jack Buck (Farms) Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Jack Buck Farms Green Lane, Moulton Seas End, Spalding, Lincs, Pe12 6lt Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: PmIf09617 Permit Version: 3 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Land/Soakaway Environment: 2 Soakaways Receiving Water: 2 Soakaways Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	178	3	532330 326730



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Jack Buck (Farms) Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Jack Buck Farms Green Lane, Moulton Seas End, Spalding, Lincs, Pe12 6lt Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pm1f09617 Permit Version: 2 Effective Date: 30th August 1994 Issued Date: 30th August 1994 Revocation Date: 13th December 2011 Discharge Type: Trade Discharge - Process Water Discharge: Land/Soakaway Environment: Receiving Water: 2 Soakaways Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	178	3	532330 326730
3	Discharge Consents Operator: Jack Buck (Farms) Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Jack Buck Farms Green Lane, Moulton Seas End, Spalding, Lincs, Pe12 6lt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pm1f09617 Permit Version: 1 Effective Date: 29th October 1993 Issued Date: 29th October 1993 Revocation Date: 29th August 1994 Discharge Type: Trade Discharge - Process Water Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	178	3	532330 326730
3	Discharge Consents Operator: Jack Buck (Farms) Ltd Property Type: Undefined Or Other Location: Green Lane Moulton Seas End, Spalding, Lincolnshire, Pe12 6lt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pm1f02102 Permit Version: 1 Effective Date: 14th February 1990 Issued Date: 14th February 1990 Revocation Date: 29th October 1993 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Moulton River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	191	3	532320 326720
4	Discharge Consents Operator: Kings Quality Homes Property Type: Domestic Property (Single) Location: Pipwell Gate Plot 3 Moulton Seas End, Spalding, Lincs, Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5395 Permit Version: 1 Effective Date: 18th August 1987 Issued Date: 18th August 1987 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	180	3	532280 327050



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Ashwood Homes Property Type: Domestic Property (Single) Location: Pipwell Gate Plot 2 Moulton Seas End, Spalding, Lincs, Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5394 Permit Version: 1 Effective Date: 18th August 1987 Issued Date: 18th August 1987 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	209	3	532250 327060
4	Discharge Consents Operator: Ashwood Homes Property Type: Domestic Property (Single) Location: Pipwell Gate Plot 1 Moulton Seas End, Spalding, Lincs, Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5393 Permit Version: 1 Effective Date: 18th August 1987 Issued Date: 18th August 1987 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	216	3	532240 327060
5	Discharge Consents Operator: Mr A C & Mrs M Cooley Property Type: Not Supplied Location: Premises At Hall Lane Moulton Seas End, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pm1lf03476 Permit Version: 1 Effective Date: 8th August 1990 Issued Date: 8th August 1990 Revocation Date: 11th August 1997 Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	323	3	532120 327070
6	Discharge Consents Operator: P L Ely (Contractors) Ltd Property Type: Not Supplied Location: Plot 2 Main Road, Moulton Seas End, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3862 Permit Version: 1 Effective Date: 14th November 1982 Issued Date: 14th November 1982 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	346	3	532200 327200



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Mr P & Mrs D Greenaway Property Type: Domestic Property (Single) Location: The Retreat Pipwell Gate, Moulton Seas End, Spalding, Lincs, Pe12 6ld Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: PmIf00852 Permit Version: 1 Effective Date: 18th May 1989 Issued Date: 18th May 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Land Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	363	3	532250 327250
7	Discharge Consents Operator: P L Ely (Contractors) Ltd Property Type: Not Supplied Location: Plot 1 Main Road, Moulton Seas End, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5If3861 Permit Version: 1 Effective Date: 4th November 1982 Issued Date: 4th November 1982 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Land Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	387	3	532200 327250
8	Discharge Consents Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Hall Lane Plots Hall Lane, Moulton Seas End, Lincolnshire, Pe12 6lb Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: PmIf01547 Permit Version: 1 Effective Date: 8th August 1989 Issued Date: 8th August 1989 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Land Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	385	3	532090 327140
8	Discharge Consents Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Hall Lane Plots Hall Lane, Moulton Seas End, Lincolnshire, Pe12 6lb Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: PmIf01548 Permit Version: 1 Effective Date: 8th August 1989 Issued Date: 8th August 1989 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Land Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	385	3	532090 327140



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: P L Ely (Contractors) Ltd Property Type: Not Supplied Location: Dwellinghouse At Main Road, Moulton Seas End, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3584 Permit Version: 1 Effective Date: 19th March 1979 Issued Date: 19th March 1979 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	456	3	532150 327300
9	Discharge Consents Operator: Mary Edgeley Property Type: Domestic Property (Single) Location: Bungalow Rear Post Office Main Road, Moulton-Seas-End, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5342 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	462	3	532140 327300
9	Discharge Consents Operator: Mary Edgeley Property Type: Domestic Property (Single) Location: Bungalow Rear Post Office Main Road, Moulton-Seas-End, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5342 Permit Version: 1 Effective Date: 21st May 1987 Issued Date: 21st May 1987 Revocation Date: 13th December 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	462	3	532140 327300
10	Discharge Consents Operator: S & S Developments Ltd Property Type: Domestic Property (Single) Location: 30 Seas End Road Moulton Seas End, Spalding, Lincolnshire, Pe12 6ld Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18675 Permit Version: 1 Effective Date: 31st March 2007 Issued Date: 18th December 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib. Of Moulton River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	484	3	532080 327280



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: Mr S L Wells & Miss R Ashton Property Type: Domestic Property (Single) Location: 22 Hall Lane Moulton-Seas-End, Spalding, Lincs, Pe12 6lb Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pmnf09331 Permit Version: 1 Effective Date: 21st April 1992 Issued Date: 21st April 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moulton River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	511	3	531950 327150
12	Discharge Consents Operator: M G Taylor Property Type: Arable Farming Location: Cromwell House 25 Main Road, Moulton Seas End, Spalding, Lincs, Pe12 6ld Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Gwnlf40433 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 24th July 2000 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Onto Land Environment: Receiving Water: Groundwater Status: Deemed Groundwater Regulations Authorisation Positional Accuracy: Located by supplier to within 10m	A18SW (N)	530	3	532350 327450
13	Discharge Consents Operator: Oakwood Park (Moulton Seas End) Mngmt Company Ltd Property Type: Domestic Property (Multiple) Location: Oakwood Park Mill Marsh Road, Moulton Seas End, Holbeach, Lincs, Sg19 2bd Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pmnf18069 Permit Version: 1 Effective Date: 24th March 2004 Issued Date: 29th March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Moulton River Drain 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	A18SW (NW)	593	3	532100 327430
14	Discharge Consents Operator: Mr B E Ashwell Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Pipwell Cottage Pipwell Gate, Saracens Head, Holbeach, Lincs, Pe12 8ba Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pnrlf01829 Permit Version: 1 Effective Date: 27th September 1989 Issued Date: 27th September 1989 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A14SW (E)	643	3	533050 326700



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Discharge Consents Operator: Mr & Mrs S Browne Property Type: Not Supplied Location: Plot 5 Roman Bank Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5434 Permit Version: 1 Effective Date: 23rd October 1987 Issued Date: 23rd October 1987 Revocation Date: 19th September 1997 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	645	3	532510 327560
15	Discharge Consents Operator: Kings Quality Homes Property Type: Not Supplied Location: Plot 4 Roman Bank, Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5433 Permit Version: 1 Effective Date: 23rd October 1987 Issued Date: 23rd October 1987 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	656	3	532520 327570
16	Discharge Consents Operator: P L Ely (Contractors) Ltd Property Type: Not Supplied Location: Buffhams Site, Roman Bank, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3372 Permit Version: 1 Effective Date: 4th November 1976 Issued Date: 4th November 1976 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18NW (N)	657	3	532400 327580
17	Discharge Consents Operator: Mrs I G Abrahams Property Type: Domestic Property (Single) Location: Roman Bank No.26 Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5lf5432 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	660	3	532540 327570



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Discharge Consents Operator: Mrs I G Abrahams Property Type: Domestic Property (Single) Location: Roman Bank No.26 Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5lf5432 Permit Version: 1 Effective Date: 23rd October 1987 Issued Date: 23rd October 1987 Revocation Date: 13th December 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	660	3	532540 327570
17	Discharge Consents Operator: Kings Quality Homes Property Type: Not Supplied Location: Plot 1 Roman Bank, Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5430 Permit Version: 1 Effective Date: 23rd October 1987 Issued Date: 23rd October 1987 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	676	3	532570 327580
17	Discharge Consents Operator: Mr J H White & Mrs J White Property Type: Domestic Property (Single) Location: Roman Bank No.28 Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5lf5431 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	692	3	532528 327605
17	Discharge Consents Operator: Mr J H White & Mrs J White Property Type: Domestic Property (Single) Location: Roman Bank No.28 Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5lf5431 Permit Version: 1 Effective Date: 23rd October 1987 Issued Date: 23rd October 1987 Revocation Date: 13th December 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	692	3	532528 327605



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Mr. M. Creasey Property Type: Not Supplied Location: House At Seasend Road Moulton Seasend, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3182 Permit Version: 1 Effective Date: 11th December 1972 Issued Date: 11th December 1972 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18NW (N)	662	3	532320 327580
18	Discharge Consents Operator: Mr. E. Bailey Property Type: Domestic Property (Single) Location: Pipwell Gate Moulton Seas End, Spalding, Lincs, Pe12 6lu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3868 Permit Version: 1 Effective Date: 26th November 1982 Issued Date: 26th November 1982 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A18NW (N)	685	3	532300 327600
18	Discharge Consents Operator: Carrington Place Management Co Ltd Property Type: Domestic Property (Single) Location: Carrington Place Common Road, Moulton Seas End, Spalding, Lincs, Pe12 6lf Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prmnf12388 Permit Version: 1 Effective Date: 24th January 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dyke Trib Of The River Welland 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	A18NW (N)	690	3	532270 327600
18	Discharge Consents Operator: Swallow Homes Ltd Property Type: Sewage Disposal Works - Other Location: Carrington Place Mill Marsh Road, Moulton Seas End, Lincolnshire, Pe11 2bs Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prmnf12388 Permit Version: 1 Effective Date: 24th January 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dyke Trib Of The River Welland 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	A18NW (N)	690	3	532270 327600



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Mr Peter Rolph Property Type: Domestic Property (Single) Location: Roman Bank No.27 Moulton Seas End, Spalding, Lincolnshire, -, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Npswqd008718 Permit Version: 1 Effective Date: 4th August 2009 Issued Date: 4th August 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Named Trib Of River Moulton 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	A18NW (N)	715	3	532290 327629
18	Discharge Consents Operator: Mr Dennis George Charles & Mrs Linda Julia Charles Property Type: Domestic Property (Single) Location: Roman Bank No.29 Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Npswqd005456 Permit Version: 1 Effective Date: 26th November 2008 Issued Date: 26th November 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Moulton River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NW (N)	716	3	532288 327629
18	Discharge Consents Operator: Mr Tony And Mrs Christine Diana Sawyers Property Type: Domestic Property (Single) Location: Roman Bank No.23 Moulton Seas End, Spalding, Lincs, Pe12 6lg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Npswqd005455 Permit Version: 1 Effective Date: 24th November 2008 Issued Date: 24th November 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch In Whaplode River Catch 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	A18NW (N)	716	3	532289 327630
19	Discharge Consents Operator: Mr. & Mrs. T. Bingham Property Type: Domestic Property (Single) Location: Mill Marsh Road Moulton Seas End, Spalding, Lincs, Pe12 6lr Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5If3269 Permit Version: 1 Effective Date: 5th November 1975 Issued Date: 5th November 1975 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	678	3	532150 327550



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Discharge Consents Operator: South Holland D.C. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Moulton Seas End, Earlsfield Housing Est Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Pr5nf236 Permit Version: 1 Effective Date: 4th July 1963 Issued Date: 4th July 1963 Revocation Date: 21st December 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unknown Trib Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	718	3	531920 327450
20	Discharge Consents Operator: South Holland D.C. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Earlsfields Stw (Site 2226) Mill Marsh Road, Moulton Seas End, Spalding, Lincs, Pe12 6ly Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Pr5nf5281 Permit Version: 1 Effective Date: 20th March 1987 Issued Date: 20th March 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Fen Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	746	3	531880 327450
21	Discharge Consents Operator: Mr Brian Naylor Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Roman Bank Farm, Roman Bank, Moulton Seas End Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5154 Permit Version: 1 Effective Date: 20th May 1986 Issued Date: 20th May 1986 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	814	3	532680 327690
22	Prosecutions Relating to Controlled Waters Location: Tributary Of Moulton River Drain, Mill Marsh Road Sewage Treatment Works, Moulton Seas End, Holbeach, Pe12 Prosecution Text: Causing sewage effluent to enter controlled waters Prosecution Act: Wra91 S85(1) & (6) Hearing Date: 31st March 2010 Verdict: Guilty Fine: 3500 Cost: 3200 Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	715	3	531904 327431
	Nearest Surface Water Feature	A13SW (S)	44	-	532400 326847
23	Pollution Incidents to Controlled Waters Property Type: Arable Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Gas Oil Note: Local Dyke Incident Date: 7th April 1997 Incident Reference: 2431 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor/Inadequate Maintenance Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	893	3	532600 327795



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Arable Location: MOULTON Authority: Environment Agency, Anglian Region Pollutant: Oils - Gas Oil Note: Local Dyke Incident Date: 7th April 1997 Incident Reference: 2431 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor/Inadequate Maintenance Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	898	3	532600 327800
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 24 North Northamptonshire Scale: 1:100,000	A13SW (NW)	0	3	532419 326903
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (NW)	0	2	532419 326903
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (NW)	0	2	532419 326903
	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	A13SW (NW)	0	3	532419 326903
	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	A13SW (S)	117	3	532370 326780
	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	A13NW (NW)	223	3	532200 327005
	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	A13SW (NW)	0	3	532419 326903
	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	A13SW (S)	115	3	532375 326780
	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	A13NW (NW)	214	3	532220 327025
	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	A13NW (N)	223	3	532380 327145
	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	A13NW (NW)	236	3	532215 327060
	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	A13NW (NW)	243	3	532203 327055
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Lines None				
24	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13SW (S)	44	3	532400 326847
25	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13SE (S)	86	3	532454 326802
26	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13NW (NW)	89	3	532349 326991
27	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13SE (S)	128	3	532465 326761
28	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13NE (NE)	194	3	532502 327092
29	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13NE (N)	209	3	532500 327111
30	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13NW (NW)	219	3	532232 327054
31	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A13SE (SE)	278	3	532676 326756
32	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A12SE (SW)	415	3	532068 326649
33	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D005	A12NE (NW)	443	3	532055 327190
34	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A8NE (S)	493	3	532609 326426



Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Historical Landfill Sites Licence Holder: Not Supplied Location: Moulton Seas End Name: Fox and Hounds Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32508 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2626 Other Ref: Not Supplied	A12NE (W)	390	3	532024 326994
	Local Authority Landfill Coverage Name: South Holland District Council - Has no landfill data to supply		0	4	532419 326903
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	532419 326903
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NE (NW)	464	-	532052 327222
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17SE (NW)	501	-	532024 327245
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (N)	565	-	532396 327489
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	578	-	532967 326668
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (N)	621	-	532266 327528



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: West Walton Formation, Ampthill Clay Formation And Kimmeridge Clay Formation (Undifferentiated)	A13SW (NW)	0	2	532419 326903
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (NW)	0	2	532419 326903
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	405	2	532000 326903
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	560	2	533000 326903
	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	A13SW (NW)	0	2	532419 326903
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	2	532419 326903
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	2	532419 326903
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	2	532419 326903
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	2	532419 326903
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	2	532419 326903
	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	A13SW (NW)	0	2	532419 326903



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	A13SW (NW)	0	2	532419 326903



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Contemporary Trade Directory Entries Name: Seas End Print Co Location: 24, Pipwell Gate, Moulton Seas End, Spalding, Lincolnshire, PE12 6LU Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	53	-	532361 326947
42	Contemporary Trade Directory Entries Name: G R Coupland Location: 58, Seas End Road, Moulton Seas End, Spalding, Lincolnshire, PE12 6LD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	314	-	532101 326993
43	Contemporary Trade Directory Entries Name: Marshall Services Location: 19, Seas End Road, Moulton Seas End, Spalding, Lincolnshire, PE12 6LD Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	547	-	532298 327459
43	Contemporary Trade Directory Entries Name: S M S Autospray Location: Spalding, PE12 6LD Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	547	-	532298 327459
44	Points of Interest - Commercial Services Name: Seas End Garage Whiting Autos Location: 58 Seas End Road, Moulton Seas End, Spalding, PE12 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	314	6	532101 326993
44	Points of Interest - Commercial Services Name: G R Coupland Location: 58 Seas End Road, Moulton Seas End, Spalding, PE12 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	314	6	532101 326993
44	Points of Interest - Commercial Services Name: G R Coupland Location: 58 Seas End Road, Moulton Seas End, Spalding, PE12 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	314	6	532101 326993
45	Points of Interest - Commercial Services Name: Sms Autospray Location: 13 Seas End Road, Moulton Seas End, Spalding, PE12 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	574	6	532311 327489
45	Points of Interest - Commercial Services Name: S M S Autospray Location: 13 Seas End Road, Moulton Seas End, Spalding, PE12 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	574	6	532311 327489
46	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	215	6	532416 326669
47	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	473	6	532295 327383
47	Points of Interest - Manufacturing and Production Name: Tanks Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	477	6	532283 327384



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	489	6	532304 327401
47	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	491	6	532309 327404
48	Points of Interest - Manufacturing and Production Name: Tanks Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	773	6	532201 327668
48	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	780	6	532205 327677
48	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	789	6	532202 327685
48	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	790	6	532209 327688
48	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	795	6	532205 327692
48	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	799	6	532209 327697
49	Points of Interest - Manufacturing and Production Name: Naylor Farms Location: Carlton House, Roman Bank, Moulton Seas End, Spalding, PE12 6LG Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A18NE (N)	810	6	532662 327692
50	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	828	6	531987 327637
51	Points of Interest - Manufacturing and Production Name: Tanks Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	966	6	531547 327362
51	Points of Interest - Manufacturing and Production Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	1000	6	531520 327383



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Points of Interest - Manufacturing and Production Name: Oldershaws of Moulton Ltd Location: Roman Bank, Holbeach, Spalding, PE12 8BB Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A19SE (NE)	999	6	533301 327410
53	Points of Interest - Public Infrastructure Name: Sewage Works Location: PE12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	710	6	531912 327432
54	Points of Interest - Recreational and Environmental Name: Playground Location: Mill Marsh Road, PE12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SW (N)	647	6	532248 327550



Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Boston Borough Council - Pollutions Section, Environmental Health South Holland District Council - Environmental Services	February 2015 October 2013	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	October 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	October 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Boston Borough Council - Pollutions Section, Environmental Health South Holland District Council - Environmental Services	December 2014 October 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Boston Borough Council - Pollutions Section, Environmental Health South Holland District Council - Environmental Services	December 2014 October 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Boston Borough Council - Pollutions Section, Environmental Health South Holland District Council - Environmental Services	December 2014 October 2014	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	October 2016	Quarterly
Water Abstractions Environment Agency - Anglian Region	October 2016	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	October 2016	Quarterly



Data Currency

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2016	Quarterly
Flood Defences Environment Agency - Head Office	November 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	September 2014	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
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	Annually



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	August 2016	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	August 2016	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	October 2016	Quarterly
Local Authority Landfill Coverage Boston Borough Council - Pollutions Section, Environmental Health Lincolnshire County Council South Holland District Council - Environmental Services	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Boston Borough Council - Pollutions Section, Environmental Health Lincolnshire County Council South Holland District Council - Environmental Services	June 2003 May 2000 May 2000	Not Applicable Not Applicable 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 - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	July 2016	Bi-Annually
Explosive Sites Health and Safety Executive	September 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Boston Borough Council - Planning Department South Holland District Council Lincolnshire County Council - Highways and Planning Department	February 2016 January 2016 June 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department Boston Borough Council - Planning Department South Holland District Council	August 2007 February 2016 January 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update



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	October 2016	Bi-Annually
Brine Compensation Area 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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	September 2016	Quarterly
Points of Interest - Education and Health PointX	September 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2016	Quarterly
Points of Interest - Public Infrastructure PointX	September 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually



Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2016	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	September 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	September 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	September 2016	Bi-Annually
Marine Nature Reserves Natural England	September 2016	Bi-Annually
National Nature Reserves Natural England	September 2016	Bi-Annually
National Parks Natural England	August 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	September 2016	Bi-Annually
Special Protection Areas Natural England	September 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	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
2	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
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	South Holland District Council - Environmental Services Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE	Website: www.sholland.gov.uk
5	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

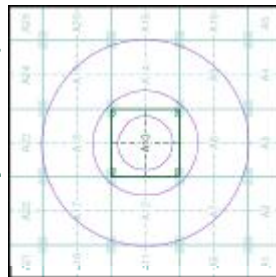


General	☒ Budgeting	☒ Cash Flow	☒ Loans & Finance
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Agency and Hydrological

- | | |
|---|--|
|  | Initial condition |
|  | Initial condition with uncertainty |
|  | Reference |
|  | Reference with uncertainty |
|  | Reference from $\hat{z}(t)$ |
|  | Reference from $\hat{z}(t)$ with uncertainty |
|  | Reference from $\hat{z}(t)$ with uncertainty and $\hat{z}(t)$ |
|  | Reference from $\hat{z}(t)$ with uncertainty and $\hat{z}(t)$ with uncertainty |

Site Sensitivity Context Map - Slice A



Order Details

Order Details:
 Order Number: 109670135_1_1
 Customer Ref: MG61
 National Grid Reference: 532420, 326900
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details

Site Details
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



BGS Flood GFS Data

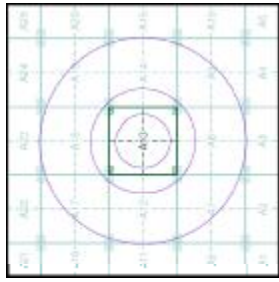
General

1:250000
1:50000
1:10000
1:5000
1:1000
1:500
1:100
1:50
1:10
1:5
1:1

Agency and Hydrological (Flood)

1:250000
1:50000
1:10000
1:5000
1:1000
1:500
1:100
1:50
1:10
1:5
1:1

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 108670135_1_1
Customer Ref: 108670135_1_1
National Grid Reference: 532420, 326900
Site: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

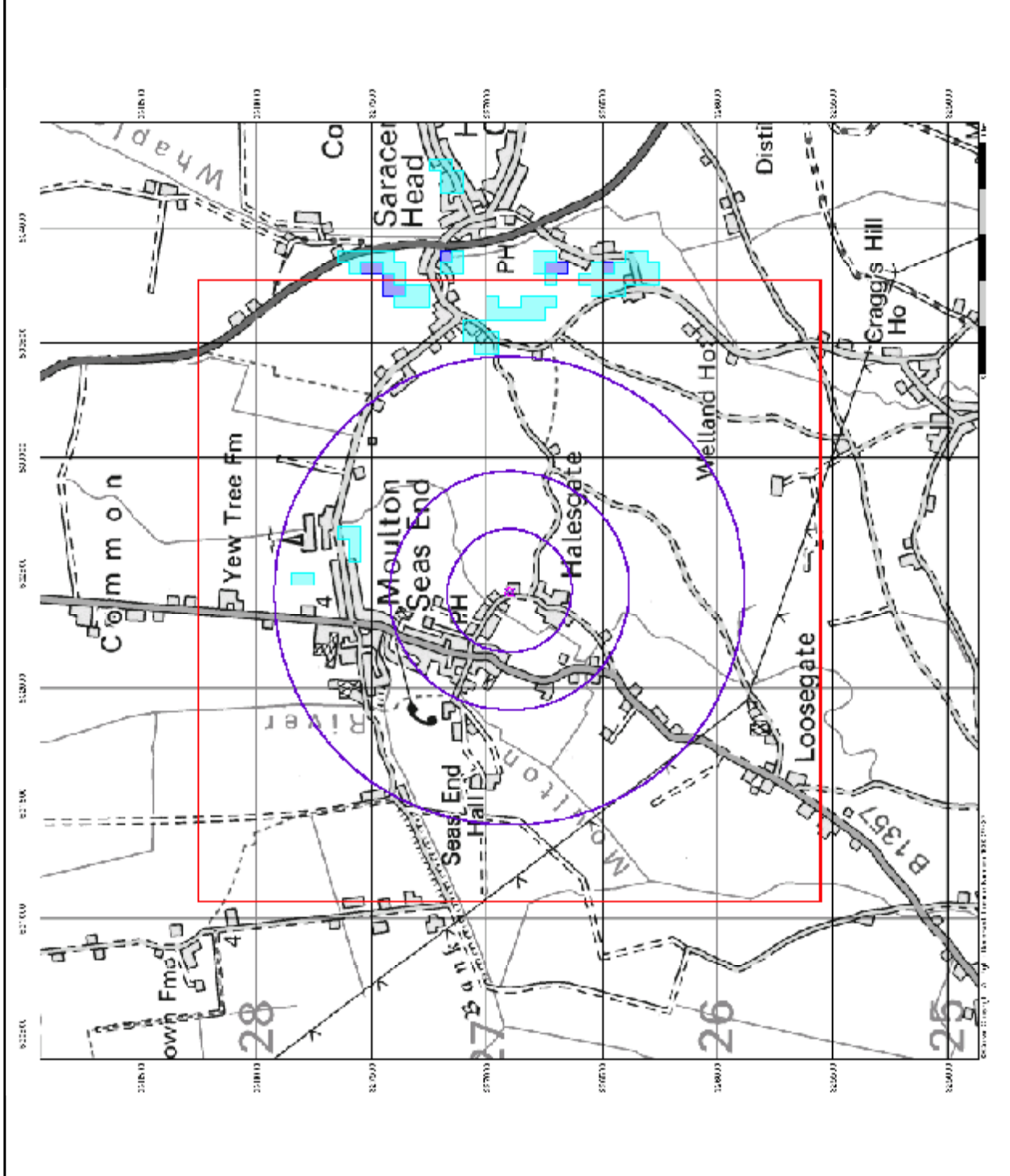
Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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Fax: 0844 844 9651
Web: www.landmark.co.uk

A Landmark Information Group Service v15.0 06-Jan-2017





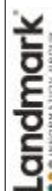
The figure shows a 5x5 grid of nodes. The nodes are labeled as follows:

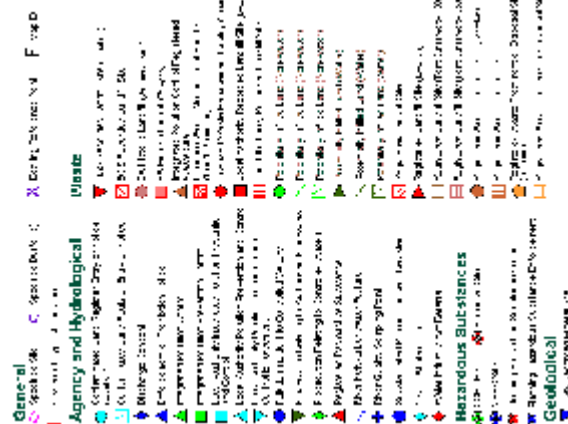
- Row 1 (top): A25, A24, A23, A22, A21
- Row 2: A20, A19, A18, A17, A16
- Row 3: A15 (highlighted), A14, A13, A12, A11
- Row 4: A10, A9, A8, A7, A6
- Row 5 (bottom): A5, A4, A3, A2, A1

Node A15 is located at the center of the grid (row 3, column 1) and is highlighted with a thick black border and a pink circular background.

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Plot Buffer (m): 100

Site Details
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU





Order Details

Order Number:	109670135_1_1
Customer Ref:	MG61
National Grid Reference:	532420, 326900
Slice:	A
Site Area (Ha):	0.09
Search Buffer (m):	1000

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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Industrial Land Use Map

General

Scale: 1:10,000

Projection: UTM

Datum: WGS 84

Units: Metres

Map Date: 01/01/2017

Map Author: [Name]

Map Checker: [Name]

Map Approver: [Name]

Map Status: Final

Map Version: 1.0

Map Scale: 1:10,000

Map Projection: UTM

Map Datum: WGS 84

Map Units: Metres

Map Date: 01/01/2017

Map Author: [Name]

Map Checker: [Name]

Map Approver: [Name]

Map Status: Final

Map Version: 1.0

Map Scale: 1:10,000

Map Projection: UTM

Map Datum: WGS 84

Map Units: Metres

Map Date: 01/01/2017

Map Author: [Name]

Map Checker: [Name]

Map Approver: [Name]

Map Status: Final

Map Version: 1.0

Map Scale: 1:10,000

Map Projection: UTM

Map Datum: WGS 84

Map Units: Metres

Map Date: 01/01/2017

Map Author: [Name]

Map Checker: [Name]

Map Approver: [Name]

Map Status: Final

Map Version: 1.0

Map Scale: 1:10,000

Map Projection: UTM

Map Datum: WGS 84

Map Units: Metres

Map Date: 01/01/2017

Map Author: [Name]

Map Checker: [Name]

Map Approver: [Name]

Map Status: Final

Map Version: 1.0

Map Scale: 1:10,000

Map Projection: UTM

Map Datum: WGS 84

Map Units: Metres

Map Date: 01/01/2017

Map Author: [Name]

Map Checker: [Name]

Map Approver: [Name]

Map Status: Final

Industrial Land Use

Legend

Industrial Land Use

Industrial Land Use

Industrial Land Use

Industrial Land Use

Industrial Land Use

Industrial Land Use

Industrial Land Use

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Industrial Land Use

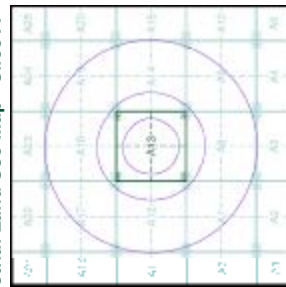
Industrial Land Use

Industrial Land Use

Industrial Land Use

Industrial Land Use

Industrial Land Use Map - Slice A



Order Details

Order Number: 109670135_1_1

Customer Ref: MG61

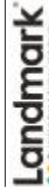
National Grid Reference: 532420, 326900

Site Area (Ha): 0.09

Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



Tel: 0844 844 9852
Fax: 0844 844 9853
Web: www.landmark.co.uk



Order Details
 Order Number: 109670135_1_1
 Customer Ref: MG61
 National Grid Reference: 532420, 326900
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU

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die Immobilien & Energie Gruppe

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



General
• 100m Buffer
• 200m Buffer
• 300m Buffer
• 400m Buffer
• 500m Buffer
• 600m Buffer
• 700m Buffer
• 800m Buffer
• 900m Buffer
• 1000m Buffer

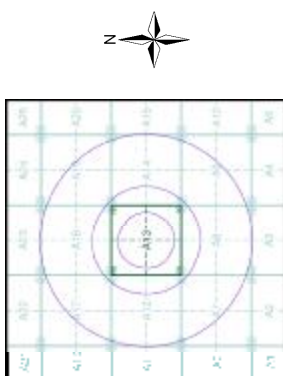
Agency and Hydrological (Boreholes)

• Borehole
• Borehole
• Borehole
• Borehole
• Borehole
• Borehole
• Borehole
• Borehole
• Borehole
• Borehole

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

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

Borehole Map - Slice A



Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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Fax: 0844 844 9853
Web: www.environment.co.uk



General
 G Grid Reference
 X Easting (m)
 Y Northing (m)

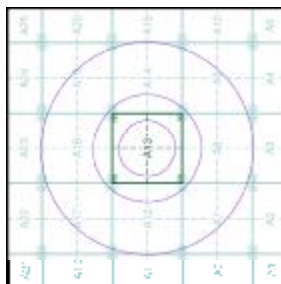
Detailed River Network Data

1. River Flow
 2. River Flow (m/s)
 3. River Flow (m/s)
 4. River Flow (m/s)
 5. River Flow (m/s)
 6. River Flow (m/s)
 7. River Flow (m/s)
 8. River Flow (m/s)
 9. River Flow (m/s)
 10. River Flow (m/s)

Contours

Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)
 Contours (m)

EANRW Detailed River Network Map - Slice A



Order Details

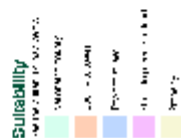
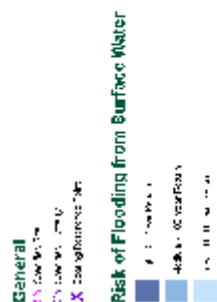
Order Number: 109670135_1_1
 Customer Ref: MG61
 National Grid Reference: 532420, 326900
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details

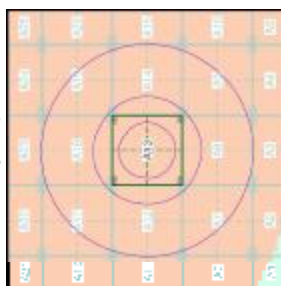
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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 Fax: 0844 844 9853
 Web: www.landmark.co.uk



EA/NRW Suitability Map - Slice A

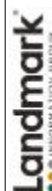


Order Details

Order Number: 109670135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
A
Site: 0.09
Site Area (Ha): 1000
Search Buffer (m):

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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



General

044 844 9552

044 844 9552

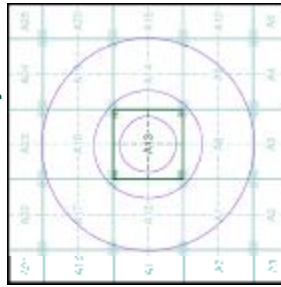
044 844 9552

Estimated Soil Chemistry Arsenic

Arsenic Concentration (mg/kg)



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details:
Customer Ref: 109670135_1_1
National Grid Reference: 532420, 326900
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



044 844 9552
Tel: 044 844 9552
Web: www.environment.co.uk

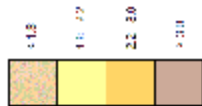


General

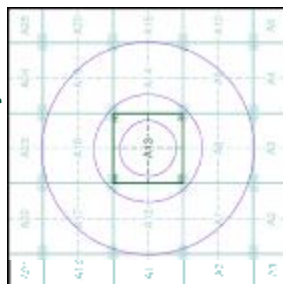
Estimated Soil Chemistry Cadmium

Estimated Soil Chemistry Cadmium

Estimated Soil Chemistry Cadmium



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details:
Customer Ref: 109670135_1_1
National Grid Reference: 532420, 326900
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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Tel: 01775 506000
Web: www.envirocheck.co.uk

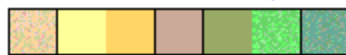


General

Customer Ref: 109670135_1_1

Estimated Soil Chemistry Chromium

Background Concentration mg/kg

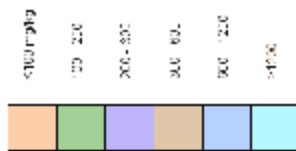




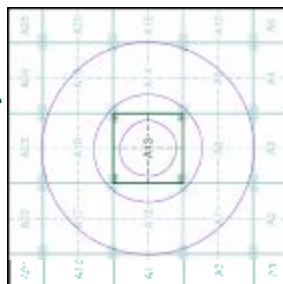
General

Estimated Soil Chemistry Lead

Lead Concentration (ppm)



Estimated Soil Chemistry Lead - Slice A

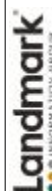


Order Details

Order Details:
Customer Ref: 109670135_1_1
National Grid Reference: 532420, 326900
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

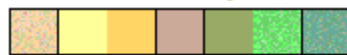
26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



0844 844 9552
Tel: 01775 500000
Web: www.envirocheck.co.uk



Fig. 5. *See text.*



Order Details: 109570135_1_1
Customer Ref: MG61
National Grid Reference: 532420, 326900
A
Site Area (Ha): 0.09
Search Buffer (m): 1000

26, Pipwell Gate, Moulton Seas End, Spalding, PE12 6LU



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