



Part A1 Environmental Permit Application

Application Site Condition Report (ASCR) for The Spalding Energy Expansion

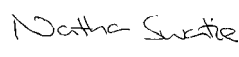
Prepared for:

Spalding Energy Expansion Limited

Prepared by:
ENVIRON
7 Walker Street
Edinburgh
EH3 7JY

Date:
October 2009

Project Number:
64C13376

Contract/Proposal No:	64C13376
Issue:	2
Author:	Pamela Hall
(signature):	
Project Manager/Director:	Nathan Swankie / Niall Smiddy
(signature):	
Date:	9th October 2009

This report has been prepared by ENVIRON with all reasonable skill, care and diligence, and taking account of the Services and the Terms agreed between ENVIRON and the Client. This report is confidential to the client, and ENVIRON accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known, unless formally agreed by ENVIRON beforehand. Any such party relies upon the report at their own risk.

ENVIRON disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the Services.

VERSION CONTROL RECORD				
Issue	Description of Status	Date	Reviewer Initials	Authors Initials
A	Internal Draft	18/12/08	NSW	PH
B	Revisions to Internal Draft	18/08/09	NSW	PH
1	Draft	20/08/09	NSW	PH
1A	Revisions to Draft	08/10/09	NS	PH
2	Final issue to client and EA	09/10/09	NS	PH

Contents

	Page
1 Introduction	1
1.1 Background to the EP Application	1
2 Site Condition Report	2
2.1 Environmental Setting	3
2.2 Geology and Hydrogeology	3
2.3 Surface Waters	6
2.4 Pollution History	6
2.5 Evidence of Historic Contamination	6
2.6 Previous Investigations undertaken at the Site	7
2.7 Baseline Reference Data	9
2.8 Supporting Information	11
3 Permitted Activities	12
3.1 Dangerous Substances Used and Produced by the Permitted Activities	12

Annex A: Figures

Annex B: Historical Maps

Annex C: Environmental Database

Annex D: Third Party Figures and Reports

Introduction

1.1 Background to the EP Application

This document has been prepared by ENVIRON UK Limited (ENVIRON) acting on behalf of Spalding Energy Expansion Limited (referenced to herein after as SEEL) in support of a Part A1 Environmental Permit (EP) Application as required under the *Environmental Permitting (England and Wales) Regulations 2007*.

The document represents the Application Site Condition Report (ASCR) submitted as part of the Application package to the Environment Agency (EA) (ENVIRON Ref. 64C13376). This document has relied on information supplied by SEEL and various other professional parties, which is set out in an Environmental Statement (ES) prepared by ENVIRON under the *Electricity Works (Environmental Impact Assessment) (England and Wales) Regulations 2000* for the purposes of an application under Section 36 of the *Electricity Act 1989*, which was made on 31st March 2009.

An EP is required where an operator carries out certain prescribed activities, namely Installations that carry out Schedule 1 activities, a waste operation or a mobile plant (carrying out either one of the Schedule 1 activities or a waste operation). SEEL proposes to carry out a Part A(1) activity prescribed under Section 1.1 (Combustion Activities) where:

- (a) Burning any fuel in an appliance with a rated thermal input of 50 or more megawatts.

ENVIRON was commissioned by SEEL to undertake the production of the ASCR in accordance with the EA's Guidance Document H5 Site Condition Reports Guidance and Templates (Version 080328) <http://www.environment-agency.gov.uk/epr>.

2 Site Condition Report

This section has been compiled in accordance with the Guidance Document H5 Site Condition Reports Guidance and Templates (Version 080328).

Name of Installation	Spalding Energy Expansion
----------------------	---------------------------

Date and Version of SCR	9th October 2009 – R64C13376_2
-------------------------	--------------------------------

1. Location of Installation

Installation Address	Spalding Energy Expansion Limited West Marsh Road Spalding Lincolnshire, PE11 2BB
National Grid Reference	TF 259 249
Supporting Information	Annex A: Figure A1 – Site Location Figure A2 – Site Boundary Figure A3 – Parameter Block Model Layout Annex B: Historic Maps Annex C: Envirocheck Report, 26 November 2008 Annex D: Supporting Previous Site Investigation Data

2. Condition of Land at Permit Issue

2.1 Environmental Setting

The location of the proposed Spalding Energy Expansion site (hereafter referred to as the proposed SEE site) is shown on Figure A1, Annex A, centred at National Grid Reference TF 259 249. The proposed SEE site itself and its red outline boundary are shown on Figure A2. The proposed SEE site (excluding an area set aside for CCS and a corridor of interconnections with the existing SECL power station) is approximately 9 hectares and is bounded by the following land uses:

- To the North, by the National Grid electricity substation and Spalding Energy Company Limited's (SECL) power station;
- To the East, by West Marsh Road (the B1172), beyond which is the River Welland;
- To the South, by an undeveloped parcel of land, beyond which are commercial properties; and
- To the West, by Vernatt's Drain, a man-made drainage channel designed as a flood prevention measure.

At the time of Application, the site is generally undeveloped and comprises four areas:

- Storage area currently in use by SECL as part of the existing SECL power station. This area is occupied by four temporary storage tents that are used for storage of dry goods, waste liquids, and waste electronic equipment. There is a concreted yard area that is used for storage of waste metal.
- Mound of material in the northern central area of the proposed SEE site that is approximately 4m higher than the existing SECL power station to the north and the remainder of the proposed SEE site to the south.
- British Sugar Sports and Social Club (BSSSC) and disused office building in the eastern part of the site.
- Remainder of proposed SEE site, which is generally flat and vegetated by long grass and shrubs.

As part of the development of the proposed SEE site, enabling works will be completed which will include:

- Removal of the material forming the mound (bulk excavation);
- Supplementary site investigation works to ascertain the gas regime at the site, and to provide additional geotechnical information;
- Removal of existing site buildings; and
- Preparation of temporary site infrastructure (site roads, laydown areas).

2.2 Geology and Hydrogeology

Desk-based research of the local geology, hydrogeology and hydrology was carried out in order to establish the potential for migration of contamination onto or away from the Site, and to assess the surface water and groundwater sensitivity of the Site area. Information was obtained from a number of sources,

2. Condition of Land at Permit Issue

namely:

- Published geological maps produced by the British Geological Survey (BGS Sheet 144 Solid & Drift, Spalding, 1:50,000, 1992);
- Policy and Practice for the Protection of Groundwater, Regional Appendix for the Anglian Region, published by the former National Rivers Authority (NRA, now part of the Environment Agency (EA)); and
- Borehole data from previous Site investigations dated November 1997, September 1998 and July 2005, see Annex D.

The BGS map indicates that the majority of the site, approximately 55%, is directly underlain by Quaternary (Flandrian/Holocene) Terrington Bed deposits, comprising an approximately 3.5m thick sheet of younger marine alluvium, salt marsh, tidal creek and river deposits of reddish brown sands, silts and silty clays. Information supplied by the BGS indicates that the Terrington Beds are underlain by a number of additional Quaternary units common to the wider area, including older marine alluvium deposits of the Barrow Drove Beds and by older Quaternary (Pleistocene) Sands and Gravels.

The remaining 45% of the site (the southern and northern areas) is directly underlain by Made Ground deposits comprising soil on silt spoil heaps from the former presence of the British Sugar sugar beet factory.

The underlying solid geology is uniform across the site and comprises the Jurassic Oxford Clay which is made up of three lithological units with a total maximum thickness of 130m:

- Upper Oxford Clay comprising pale grey smooth mudstones approximately 24m in thickness;
- Middle Oxford Clay comprising pale grey and greenish grey calcareous mudstones with nodular limestones approximately 60 to 76m in thickness;
- Lower Oxford Clay comprising fossiliferous pale grey and brownish grey bituminous mudstones with thin nodular limestones approximately 17 to 30m in thickness.

The site has been subject to a number of ground investigations between November 1997 and the present day. The geological stratigraphy has been confirmed during these ground investigations to be consistent with the published geological information. Table 2.2.1 (over) provides a summary of the ground conditions encountered. It is noted that a significant thickness of Quaternary deposits have been encountered during ground investigation at the site, which is consistent with the published mapping. A layer of Glacial Till was encountered in deep boreholes sunk on the adjacent SECL power station site, and it is inferred that this is also present at depth beneath the shallow drift at the proposed SEE site.

Made Ground is present across the site in variable thicknesses, as a result of the historical development and land ownership of the site, which is discussed here as background to the variable presence of the Made Ground across the site. The majority of the site was historically occupied by a number of settlement lagoons associated with the Anglo-Scottish Sugar Beet Factory, which was located adjacent to the north of the site (on the existing SECL power station site) between 1926 and 1996. The settlement lagoons were initially created by movement of naturally occurring soils into embankments, which were then heightened

2. Condition of Land at Permit Issue

by continuous deposition of settled soils from the process wash water over a number of years. At the time of closure of the factory, the settlement lagoons area was higher than the surrounding areas by between 4 and 5 metres.

In 2004, during the development of the existing SECL power station, the majority of the Made Ground arising from the settlement lagoons was relocated in order to provide a level platform at the southern end of the proposed SEE site to be utilised as a contractors' compound and laydown area. The Made Ground was subsequently deposited in the northern part of the site, and forms a distinct mounded area that is approximately 4m higher than the remainder of the site (referred to as the Mound).

The Made Ground is present therefore in variable thickness across the site. Investigations carried out in 2005 following the deposition of the Made Ground material to form the mound suggests that fill material remains in the southern part of the proposed SEE site, and may be up to 4m thick in places. The Mound will be removed from the site during site preparation works.

Table 2.2.1 Generalised Stratigraphy at Proposed SEE Site (after Strata Surveys)

Stratum encountered	Description	Maximum thickness (metres)
Made Ground	Brown grey black silty clay with roots and vegetation	Variable
Alluvium	Silty fine-medium sand, occasionally with a little to some gravel and a little to some shell fragments	15.7
Glacial Sand and Gravel	As the alluvial sand; however containing fewer shell fragments	7.2
Glacial Till	Brown/grey stiff to very stiff sandy clay with gravel of chalk and limestone	6.2
Oxford Clay	Stiff to very stiff green grey very silty clay with occasional limestone nodule bands	Not proven

Note:

Boreholes completed within the proposed SEE area have not been advanced any deeper than the natural alluvial deposits. Within the existing SECL power station site, boreholes have been advanced to greater depths and have encountered the Glacial Till and Oxford Clay deposits. It is reasonable to assume that this stratigraphy is also present at depth within the proposed SEE site.

The Policy and Practice for the Protection of Groundwater, Regional Appendix for the Anglian Region, has classified the Flandrian and Pleistocene Quaternary deposits as Minor Aquifers in which flow is intergranular and varied respectively. These Quaternary deposits generally only support locally important abstractions. Also present on site is Made Ground arising from the former settlement lagoons. Made Ground is not classified in the Regional Appendix; however based on the composition of the Made Ground on site (from information gained via site investigation) it is considered that it would have limited permeability given the generally clay and silt matrix of these deposits.

The Anglian Regional Appendix classifies the Oxford Clay as a Non-Aquifer *i.e.* a formation with negligible permeability which is only capable of supporting very minor abstractions (if any) from fissure flow in

2. Condition of Land at Permit Issue

limestones and from fissured weathered zones of the clays.

2.3 Surface Waters

Vernatt's Drain is located adjacent to the west of the site. This is a drainage dyke controlled by a sluice gate approximately 5km north of the site. The EA does not monitor the water quality of Vernatt's Drain, and it is not classified by the EA under the River Quality Assessment scheme.

The River Welland is located approximately 30m east of the site beyond West Marsh Road; it flows in a northerly direction and discharges into The Wash approximately 15km north east of the site. The 3km stretch of the River Welland between approximately 200m south east of the site and its tidal limit was classed by the EA under the River Quality Assessment scheme as overall grade B (good) in 2007.

2.4 Pollution History

No pollution incidents to controlled waters or substantiated pollution incidents attributable to the site are recorded within the third-party Envirocheck database supplied by the Landmark Information Group.

A registered landfill site is recorded in the southern part of the proposed SEE site, the licence for which is cancelled/surrendered. The licence holder was British Sugar Plc (licence no. L115), and the authorised waste is recorded as "inert, general waste (slow decomposition) and soil containing some vegetable matter". It is considered likely that this refers to the settlement lagoons known to have historically been present in this part of the site, which received the rinse water containing organic matter from the sugar beet process.

2.5 Evidence of Historic Contamination

Historic maps are presented within Annex B of this report, and the historical development of the proposed SEE site is summarised below (obtained from various sources including previous reports as referred to in Annex D, and published historical mapping as reproduced in Annex B).

Published maps dated 1889 and 1904 showed that the proposed SEE site was undeveloped greenfield land, likely to have been used for agriculture, with a number of field drains present across the site.

The published map edition of 1932 indicated that the proposed SEE site had been developed. The majority of the central part of the proposed SEE site was occupied by a settling pond that appeared to have been formed by an embankment around its perimeter. Two additional settling ponds were present at the eastern boundary of the proposed SEE site. Along the western boundary, adjacent to Vernatt's Drain, was a railway line, with a number of sidings in the north-western area of the proposed SEE site. The central northern part of the proposed SEE site was occupied by loading bays at the terminus of each railway line.

It is understood that Anglo-Scottish Sugar Beet Factory adjacent to the north of the proposed SEE site was initially developed in 1926. All infrastructure present on the proposed SEE site at this time was associated with activities at the factory. The sugar beet process utilised significant volumes of water to rinse soil from the beet crop during processing; the water was discharged to the settlement lagoons and water was lost by natural processes (evaporation and possibly percolation).

The north eastern part of the proposed SEE site was occupied by tennis courts, a bowling green, and

2. Condition of Land at Permit Issue

associated buildings by the map edition of 1969. At the north western corner of the proposed SEE site, part of the factory building, including a circular structure (understood to have been a silo based on information from previous reports), encroached to within the site boundary (approximately 10% of the proposed SEE site area). The settling ponds were further divided in subsequent map editions of 1969. In the 1981 map edition two additional silos were present adjacent to the one already in place.

By 1988 the railway sidings were no longer marked on published mapping, and the area previously occupied by the sidings was generally undeveloped. A single building was present in the north western corner of the proposed SEE site.

The 1996 map showed no features on the proposed SEE site, with the exception of the bowling green and associated buildings in the north eastern corner of the site.

The 2008 map edition shows the proposed SEE site at its current configuration: the mound in the central part of the proposed SEE site, four structures (tents) in the north western corner, and the BSSSC buildings remaining in the north eastern corner. During the development of the existing SECL power station adjacent to the north of the site, the southern part of the proposed SEE site (i.e. to the south of the Mound) was utilised as a contractors' compound and laydown area.

As a result of the industrial history and development of the proposed SEE site, it is considered possible that there are a number of contamination hazards associated with historical uses that have the potential to have impacted on the ground conditions at the site. These are summarised as follows:

- Deposition of organic sediments in settling lagoons, which may have the potential to generate ground gas typically comprising methane and carbon dioxide.
- Contamination in the vicinity of the railway sidings and lines in the western and north western parts of the site. Typical contaminants associated with railway lines and sidings include hydrocarbons (fuel oil and lubricating oils), polycyclic aromatic hydrocarbons (PAHs), heavy metals including iron, ash, ethylene glycol (anti-freeze) and herbicides.
- Potential for localised impact around temporary material storage areas during use of the site as the contractors' compound, including potential for hydrocarbon impact around fuel storage areas.

2.6 Previous Investigations undertaken at the Site

A number of ground investigations have been carried out at the site. These are summarised in Table 2.6.1 (below).

It should be noted that the areas covered by each of the ground investigations are not precisely coincident with the installation boundary. The southern area of the installation coincides with the northern and central part of the area referred to as the "Development Site" by Strata Surveys reports, and the northern area of the installation is coincident with the southernmost part of the "Power Site" as referred to by Strata Surveys reports. Figure D1 (Annex D) provides an indication of the approximate areas covered by each investigation in relation to the present site layout and installation boundary.

The ground and groundwater contamination assessments were carried out by Strata Surveys in 1997. Since that time, relocation of much of the Made Ground that was present across the southern part of the proposed SEE site has taken place. This material is now contained within the Mound located in the central

2. Condition of Land at Permit Issue

northern part of the proposed SEE site. The Mound will be removed prior to operations commencing at the installation. Therefore borehole logs from the 1997 investigations will not be representative of the stratigraphy at the proposed SEE site presently, specifically in regard to the thickness of the Made Ground. However, the stratigraphy of natural deposits underlying the Made Ground is not expected to have been altered as a result of historic earthworks.

Table 2.6.1 Summary of Ground Investigations Completed at the Proposed SEE Site

Report Reference	Work Completed	Main Findings
Spalding Energy Project – Development Site (former settling lagoons area), Strata Surveys Limited (report ref. 9096) November 1997	52 trial pits to gather soil samples, which were analysed for toxic metals, available metals, nutrient content, exchangeable sodium percentage and organochlorine and organophosphorus pesticides 6 boreholes to between 10.0 – 15.0m below ground level (bgl) to gather geotechnical data Groundwater samples recovered from boreholes where possible	Significant thickness (up to 6.60m) of Made Ground present on site arising from the former settlement lagoons No evidence of significant soil contamination
Spalding Energy Project – Stage 1 and Stage 2 Power Site, Strata Surveys Limited (report ref. 8978) November 1997	36 trial pits to gather soil samples, which were analysed for toxic metals, toluene extractable materials (e.g. oils), pH, acid soluble sulphate, sulphide and sulphur 6 boreholes to a maximum depth of 6m bgl screening the natural deposits (sands and clays) between 1 – 6m bgl. Collection of groundwater samples for toxic metals, nitrates, BOD, COD, VOCs and SVOCs	Localised impact in specific areas identified as a result of historical use, including elevated concentrations of cadmium, nickel and polyaromatic hydrocarbons High pH concentrations across the site Trace level of nickel and cadmium in groundwater, which also has high electrical conductivity (possibly brackish)
Methane Gas Assessment Spalding Energy Project – Development Site (former settling lagoons area), Strata Surveys Limited and Stirling Maynard Partners (report ref. 9318) September 1998 Gas Monitoring Data Reports, Strata Surveys Limited (report refs. 9143, 9203)	6 boreholes to maximum depth of 6m bgl, screened across the Made Ground in the central part of the site 11 boreholes to a maximum depth of 9.9m bgl screened in the natural deposits underlying the Made Ground around the perimeter of the site 6 boreholes around targeted areas of the perimeter Flame Ionisation Detector (FID) monitoring of ground gases	Ground gas (methane and carbon dioxide) is being generated as a result of decomposition of organic material in the Made Ground No significant risk associated with gas migration beyond the site boundary is identified
Ground Gas Risk Assessment for Laydown Area, Strata Surveys Limited (report ref. 11043) April 2002	Ongoing monitoring of gas wells installed during the 1998 investigation (above).	Gas concentrations monitored at the site continue to remain high There is no correlation between atmospheric pressure and ground gas concentrations

2. Condition of Land at Permit Issue

Spalding Development Area Gas Survey, Strata Surveys Limited (report ref. 13188) 27th July 2005 Spalding Energy Company Limited: New Mound Area Survey (report ref. 13188) 27th July 2005	These investigations were completed following the relocation of Made Ground materials into the Mound. 3 gas monitoring wells were installed into the Mound to a depth of between 4 – 5m bgl (of the Mound) 7 gas monitoring wells were installed across the remainder of the site to between 3 – 4m bgl 3 rounds of ground gas monitoring by FID	Ground gas being generated from the Mound, with a maximum concentration of 15.4% methane and 10.7% carbon dioxide Ground gas being generated from remainder of the development area (where the material to form the Mound was removed from)
Feasibility Assessment for Future Use of Mounded Material: Spalding Energy Expansion Project, ENVIRON (report ref. 62C13600_2), December 2008	These investigations were completed on the Mound area only. Excavation of 14 boreholes to between 2.0 – 4.7m bgl, of which three were installed as gas monitoring wells Chemical analysis of Mound material for total petroleum hydrocarbons (TPH), pH, phenol, cyanide, metals suite, polycyclic aromatic hydrocarbons (PAHs), Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs), pesticides and ammoniacal nitrogen. Leachate (metals) and water soluble sulphate were also analysed. Ground gas monitoring by infra red GA 2000, as well as gas monitoring for ammonia and TPH.	The Mound material is not significantly contaminated and does not exhibit concentrations of contaminants in excess of the commercial/industrial assessment criteria Water soluble sulphate is present in the Mound material in concentrations that will require a consideration of the appropriate class of concrete to be made, in the event that building structures are present on this material Copper and arsenic are leachable from the Mound material in low concentrations under laboratory conditions. Laboratory leachate analysis methods result in a conservative estimate of the mobile metals in a sample and are not reflective of on-site conditions.

2.7 Baseline Reference Data

Soil Contamination

A number of investigations have been carried out at the proposed SEE site, as outlined above. The investigations completed in 1997 included sampling and analysis of soils from trial pits. A limited analytical suite was tested following the 1997 investigation; however the information that is considered relevant to the baseline condition of the proposed SEE site is presented in Table 2.7.1 (below). It is not possible to identify the strata that samples were obtained from, based on the information presented in the previous reports; therefore it is assumed that these contaminants may be present in any of the shallow drift deposits. Subsequent investigations carried out between 1998 and 2008 were targeted to consider the ground gas risk at the site.

The levels of ground contamination identified during the 1997 investigations by Strata Surveys were not considered to be significant. Contaminants identified were considered by Strata Surveys to have been associated with the historical uses of the site, specifically the area of railway sidings and the loading bays where elevated concentrations of metals and hydrocarbons were detected.

2. Condition of Land at Permit Issue

Table 2.7.1 Summary of Soil Contaminants (after Strata Surveys)

Determinand	Maximum Concentration (ppm)	Historical use of area where determinand encountered
Nickel	200	Railway sidings (western/north western part of the site)
Arsenic	500	
Copper	500	
Boron	50	
Cadmium	3	Loading bays (northern part of the site)
Polycyclic aromatic hydrocarbons	500	

Groundwater Contamination

Limited analytical information is available in respect of groundwater at the site. Strata Surveys 1997 investigation on the "Power Site" (the southernmost part of which is coincident with the northernmost part of the proposed SEE site) indicated that there was no contamination of the groundwater by organic compounds, and that metal concentrations were low (considered to be indicative of local background levels).

Results of leachate analysis of Made Ground from ENVIRON's 2008 investigation on the Mound suggest that copper and arsenic are leachable under laboratory conditions. It is considered unlikely however that this is reflective of conditions that would be encountered during operations at the site, and therefore copper and arsenic are not considered to represent potentially significant contaminant hazards to controlled waters.

Ground Gases

The results of the ground gas monitoring carried out on the mound and on the remainder of the proposed SEE site are summarised in Strata Surveys 2005 letter reports referenced above.

Generally, the results of the 2005 monitoring by Strata surveys indicate that high concentrations of ground gas are being generated by the Made Ground. The Made Ground is predominantly located in the mound; however some remains in variable thickness across the rest of the site. The 2008 investigation carried out by ENVIRON, which specifically targeted the Mound, also indicated that Made Ground continues to generate ground gas, although at low flow rates.

Methane (CH₄)

High concentrations of methane are being generated by the Made Ground. A maximum concentration of 36.5% was detected on the mound in 2008. Results of monitoring of the remainder of the proposed SEE site (i.e. south of the mound) from 2005 were highly variable, with no methane detected in some wells, and up to a maximum of 26.2% detected in others.

Carbon Dioxide (CO₂)

2. Condition of Land at Permit Issue

Carbon dioxide generated by the Mound was recorded at a maximum concentration of 21.8% in 2008. Levels of carbon dioxide are similarly variable across the remainder of the proposed SEE site, with a maximum concentration of 17.6% detected during monitoring in 2005.

Ground Gas Flow Rates

The gas flow rates are consistently low (maximum of 0.2 l/hr in 2005), which suggests that the volume of the gas body within the Made Ground is limited.

Ground Gas Assessment

Given the nature of the proposed earthworks during site preparation, i.e. removal of the Mound, creation of level development platform, it is not considered appropriate to complete a gas risk assessment on the data that are currently available for the site. Creation of an engineered surface to facilitate the development of the site may change the gas regime at the site as a result of compaction and creation of new migration pathways. Therefore following completion of the site preparation works, a further gas monitoring exercise will be carried out to inform a detailed gas risk assessment and facilitate the design of gas mitigation measures.

Impact of Proposed Development on Contaminated Soil at the Site

The anticipated impacts of the development on the ground conditions at the site is outlined in the Environmental Statement prepared by ENVIRON, dated March 2009. Best Available Techniques will be used in the design of the plant and best management practices will be employed during operation of the plant. The operation is not anticipated to introduce any of the contaminants that are present on site (as a result of historical uses) onto the site.

2.8 Supporting Information

- Figures detailing the location, boundary and layouts of the Installation are shown in Annex A.
- Historical Ordnance Survey plans reproduced in Annex B.
- Envirocheck database provided by Landmark Information Group identifying environmental setting and pollution incidents reproduced in Annex C.
- Historical investigation/assessment/remediation/verification reports are detailed in Annex D.
- Baseline reference data taken Strata Surveys Ltd reports (referenced in Table 2.6.1). Information is provided in relation to boreholes sunk within the installation boundary, and summaries of the soil, groundwater and gas analysis. This information is provided in Annex D.

3 Permitted Activities

<i>Permitted Activities</i>	Section 1.1, Part A(1)(a)
<i>Non-permitted activities undertaken at the Installation</i>	Not applicable
<i>Plan showing activity layout</i>	See attached Figure A3
<i>Environmental Risk Assessment</i>	See attached Main Application Document 64C13376_1 Section 8.

3.1 Dangerous Substances Used and Produced by the Permitted Activities

Identify all the substances used and produced at your Installation that could pollute the soil or groundwater if there were an accident, or if measures to protect land fail. These include substances that would be classified as 'dangerous' under the Control of Major Accident Hazards (COMAH) regulations. They include raw materials, fuels, intermediates, products, wastes and effluents.

SUBSTANCES

There will be no bulk storage of liquid fuel on the site. The turbines are gas fired and all gas will be piped underground directly to the turbines. There will be a number of transformers on site to step up electricity voltage before export to the National Grid. The transformers will be oil-filled and surrounded by a containment bund that will be capable of containing all transformer oil in the event of a spillage. The underground pipe line will be monitored in order to ensure that there are no gas leaks.

Water to be used in the boilers will either be pre-treated in the plant that is present on the existing SECL power station, or a new demineralisation plant situated on the proposed SEE site. The plant utilises ammonia solution, sodium hydroxide and sulphuric acid, which will be stored on a bunded chemical skid on the proposed SEE site. Demineralised water from either the existing SECL site or the dedicated treatment plant on the proposed SEE site will then be stored on the proposed SEE site.

There will be limited storage of hazardous materials including lubricating oils, paints and thinners on site. These will be stored in quantities less than 5m³, and all will be stored internally (within the maintenance building) and in accordance with best management practices. Specific measures to be incorporated into the design and management of all hazardous material storage areas will include:

- appropriate containment and management of lubricants and paints, to ensure that the potential for accidental spills is minimised;
- design of appropriate drainage systems in storage areas in order that any spilled substances can be contained within the system;
- spill kits will be stored at appropriate locations around the site and staff will be trained in their use.

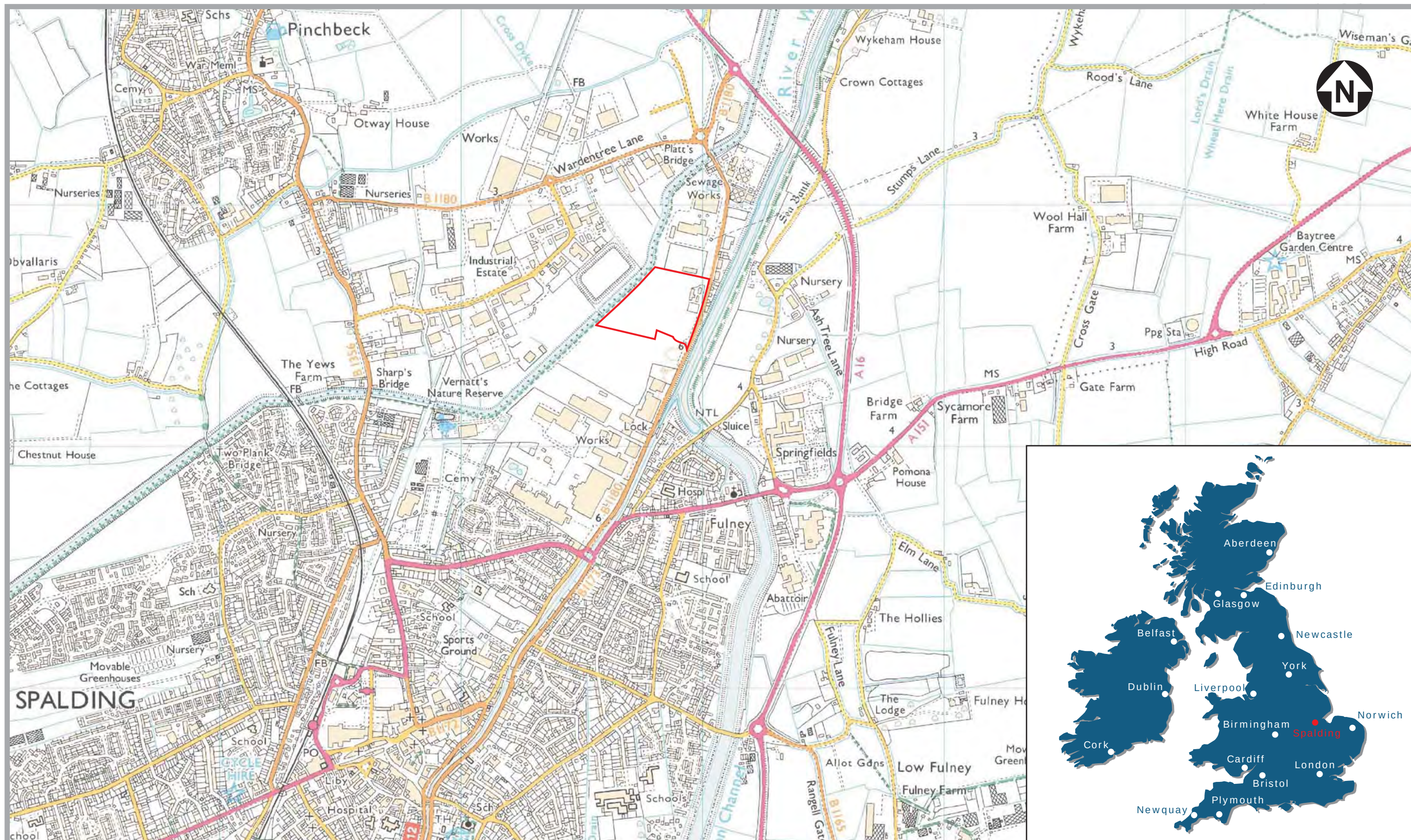
Therefore it is considered unlikely that the storage of materials used by the permitted activity will

3.1 Dangerous Substances Used and Produced by the Permitted Activities

result in the introduction of additional contamination sources to the site through the life of the installation, given that storage arrangements are all consistent with best management practice and subject to regular monitoring and maintenance.

No accident hazards have been identified associated with the operation of the installation as a result of the permit application process.

Annex A: Figures



ENVIRON
ENVIRON UK Limited

7 Walker Street
Edinburgh EH3 7JY
Tel. +44(0)131 225 9899
Fax. +44(0)131 220 3411

Figure A1
Location of Proposed SEE Site

Client **SEEL**

Project No **64C13376_ASR**

Drawn by **CC**

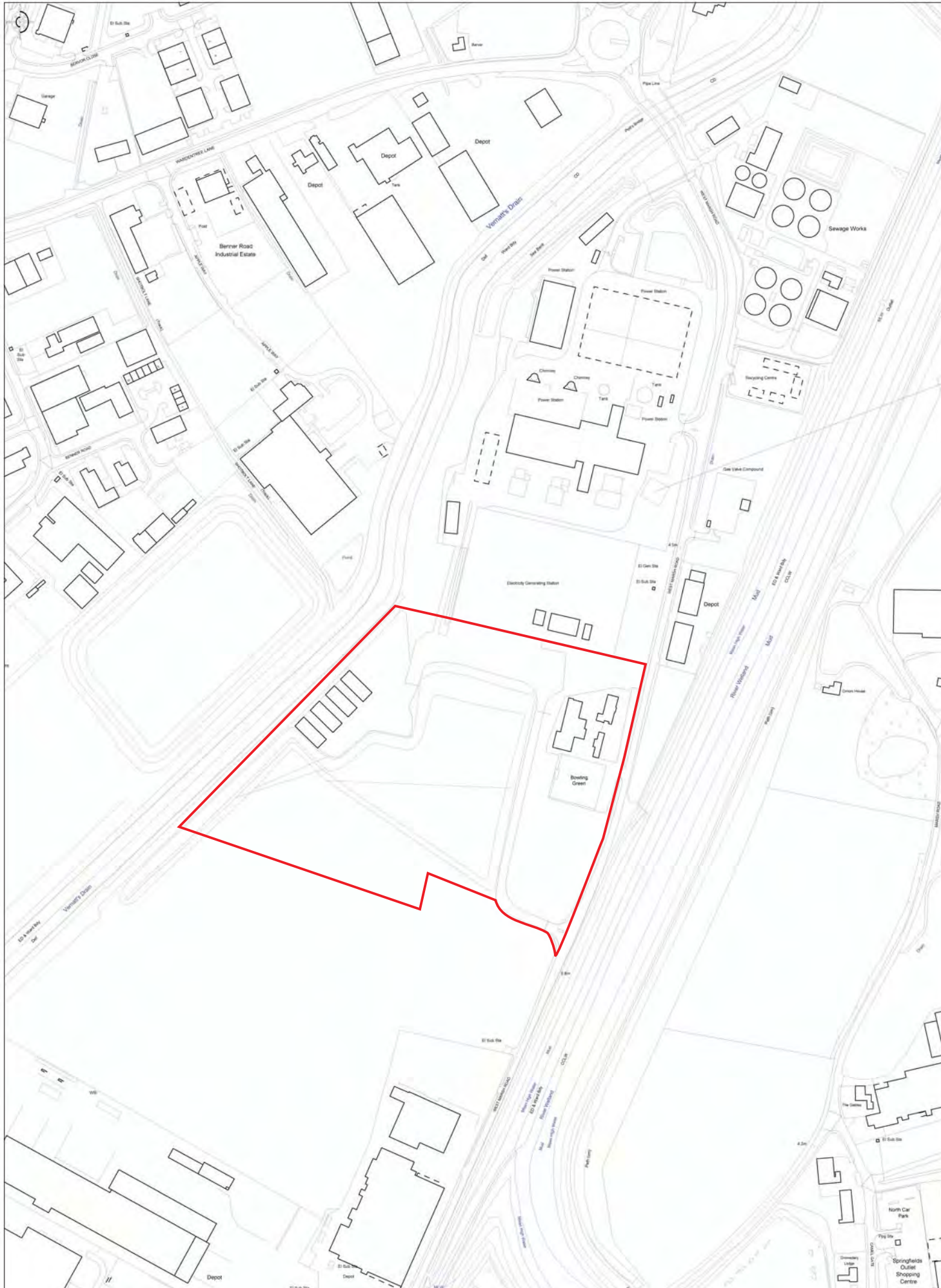
Date **August 2009**

Scale

NTS

Version Control

1



LEGEND

— Installation Boundary

ENVIRON

7 Walker Street
Edinburgh EH3 7JY
Tel. +44(0)131 225 9899
Fax. +44(0)131 220 3411

ENVIRON UK Limited

**Figure A2
Installation Boundary**

Client **SEEL**

Version Control **1**

Scale	NTS	Date	August 2009
-------	-----	------	-------------

Project No	64C13376_ASR	Drawn by	RC
------------	--------------	----------	----



ENVIRON
ENVIRON UK Limited

7 Walker Street
Edinburgh EH3 7JY
Tel. +44(0)131 225 9899
Fax.+44(0)131 220 3411

Figure A3
Parameter Block Model Layout

Client **SEEL**

Project No **64C13376_ASR**

Drawn by **RC**

Date **August 2009**

Scale

NTS

Version Control

1

Annex B: Historical Maps

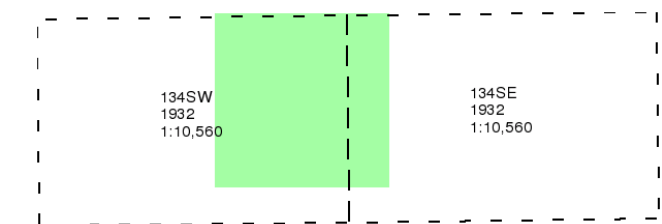
Lincolnshire

Published 1932

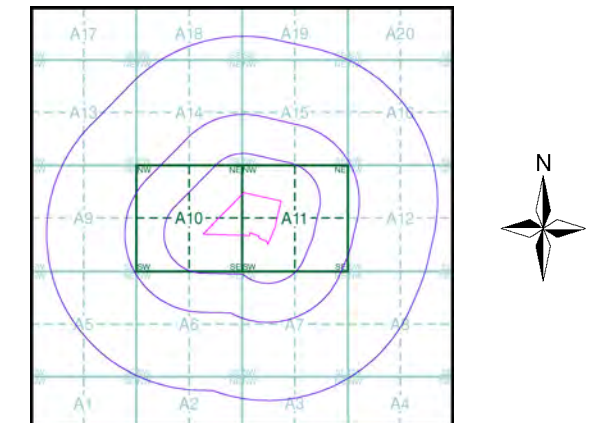
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

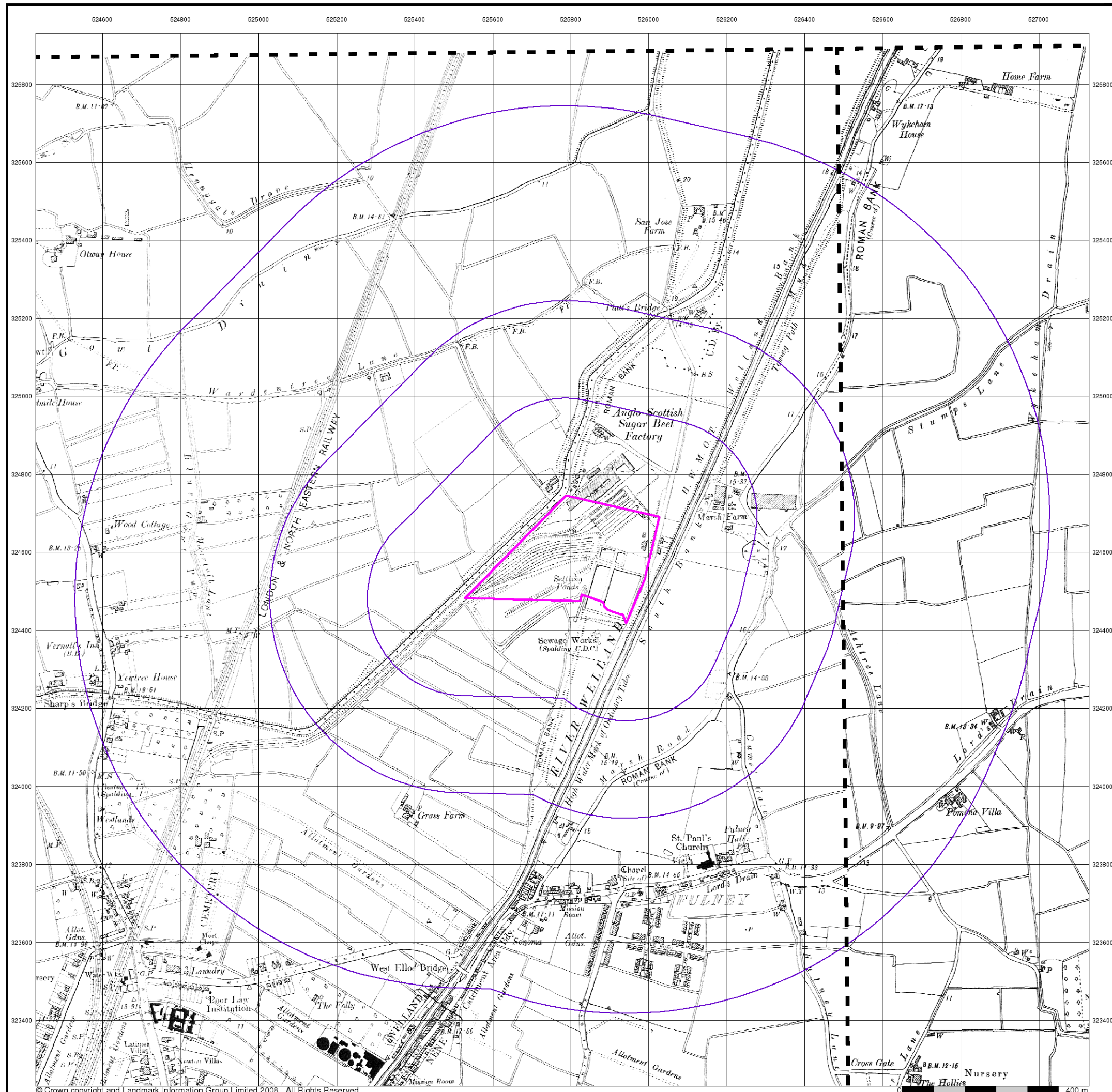


Order Details

Order Number: 28657473_1_1
 Customer Ref: UK12-14259_PH
 National Grid Reference: 525800, 324570
 Slice: A
 Site Area (Ha): 8.92
 Search Buffer (m): 1000

Site Details

Intergen, West Marsh Road, SPALDING, Lincolnshire, PE11 2BB



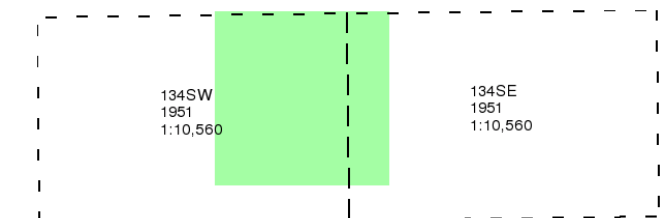
Lincolnshire

Published 1951

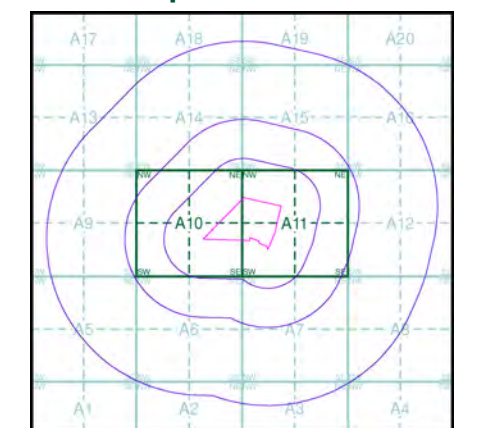
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

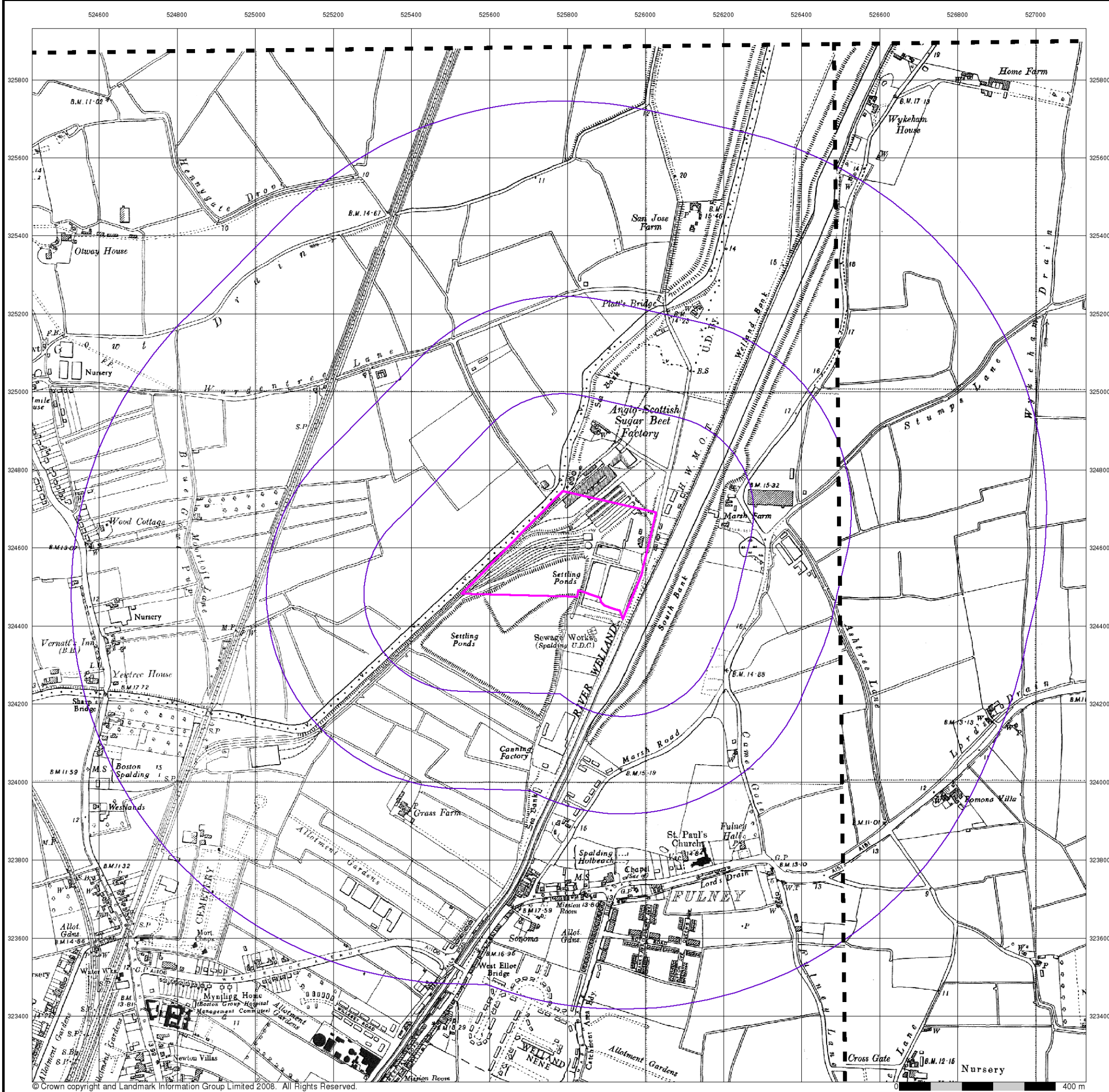
Order Number: 28657473_1_1
 Customer Ref: UK12-14259_PH
 National Grid Reference: 525800, 324570
 Slice: A
 Site Area (Ha): 8.92
 Search Buffer (m): 1000

Site Details

Intergen, West Marsh Road, SPALDING, Lincolnshire, PE11 2BB



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



Ordnance Survey Plan

Published 1971 - 1975

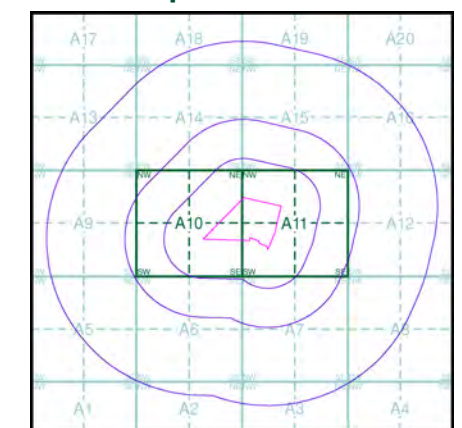
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TF22NW	TF22NE
1975	1975
1:10,000	1:10,000
TF22SW	TF22SE
1971	1971
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 28657473_1_1
 Customer Ref: UK12-14259_PH
 National Grid Reference: 525800, 324570
 Slice: A
 Site Area (Ha): 8.92
 Search Buffer (m): 1000

Site Details

Intergen, West Marsh Road, SPALDING, Lincolnshire, PE11 2BB



10k Raster Mapping

Published 2000

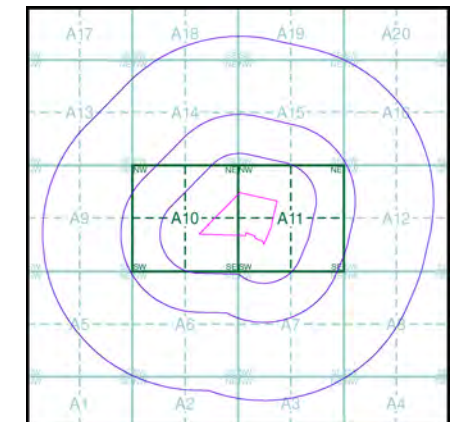
Source map scale - 1:10,000

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)

TF22NW	TF22NE
2000	2000
1:10,000	1:10,000
TF22SW	TF22SE
2000	2000
1:10,000	1:10,000

Historical Map - Slice A

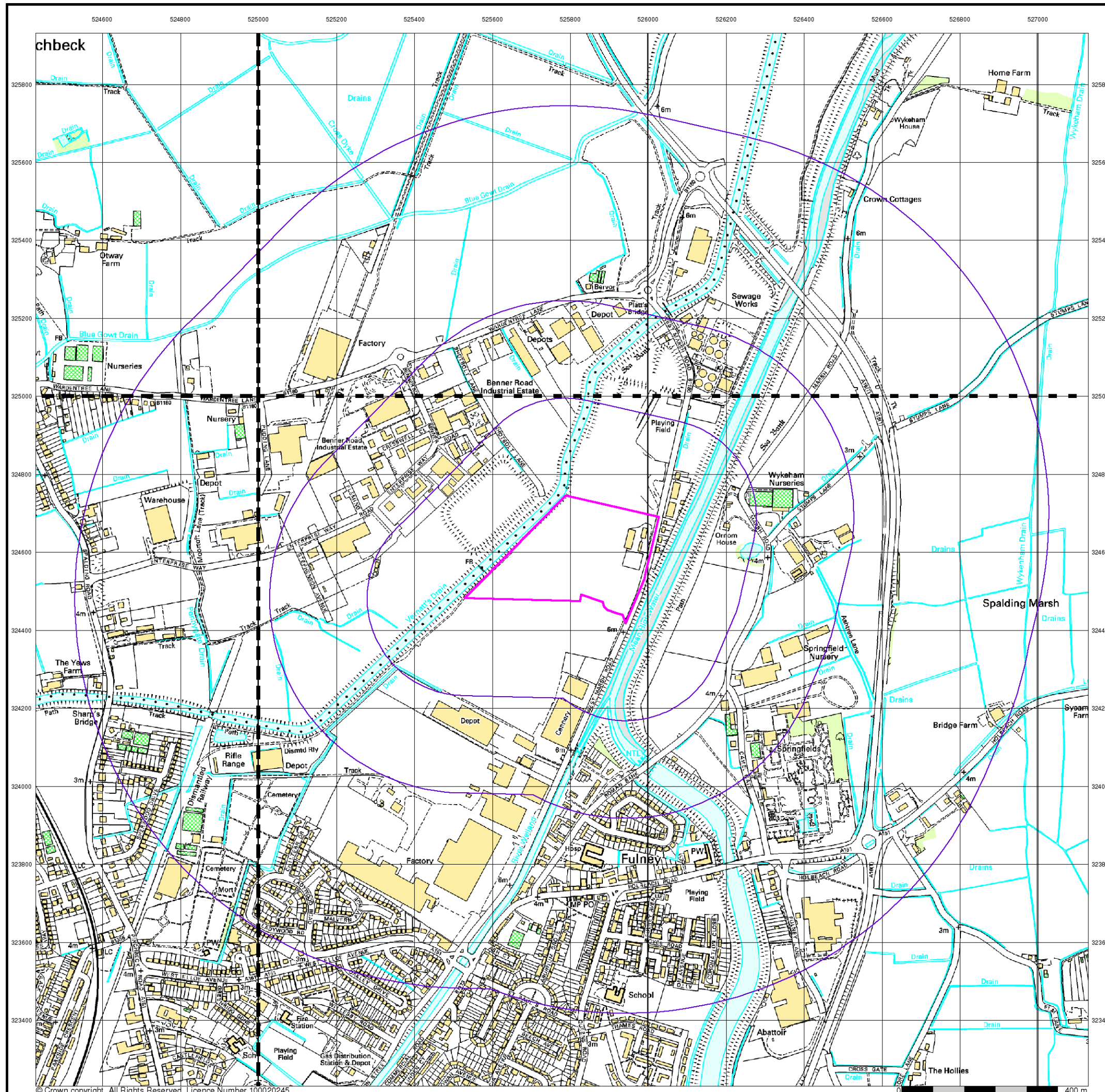


Order Details

Order Number: 28657473_1_1
 Customer Ref: UK12-14259_PH
 National Grid Reference: 525800, 324570
 Slice: A
 Site Area (Ha): 8.92
 Search Buffer (m): 1000

Site Details

Intergen, West Marsh Road, SPALDING, Lincolnshire, PE11 2BB



10k Raster Mapping

Published 2009

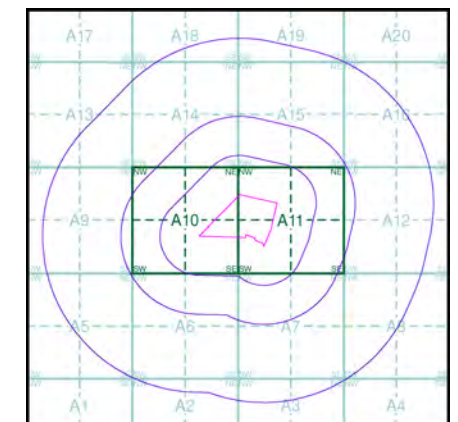
Source map scale - 1:10,000

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)

TF22NW	TF22NE
2009	2009
1:10,000	1:10,000
TF22SW	TF22SE
2009	2009
1:10,000	1:10,000

Historical Map - Slice A

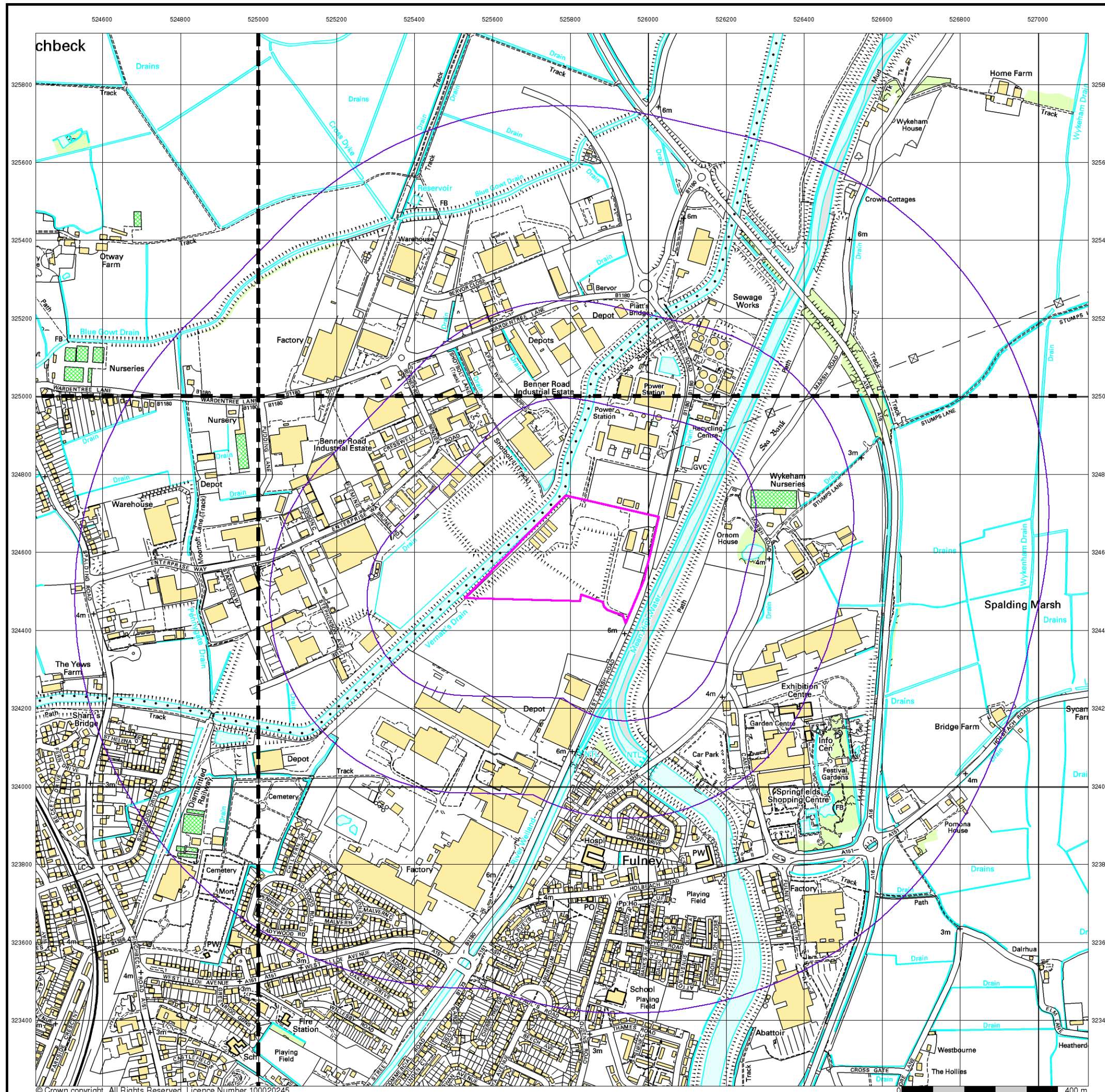


Order Details

Order Number: 28657473_1_1
 Customer Ref: UK12-14259_PH
 National Grid Reference: 525800, 324570
 Slice: A
 Site Area (Ha): 8.92
 Search Buffer (m): 1000

Site Details

Intergen, West Marsh Road, SPALDING, Lincolnshire, PE11 2BB



Annex C: Environmental Database

Envirocheck[®] Report: Datasheet

Order Details:

Order Number:

28657473_1_1

Customer Reference:

UK12-14259_PH

National Grid Reference:

525800, 324570

Slice:

A

Site Area (Ha):

8.92

Search Buffer (m):

1000

Site Details:

Intergen
West Marsh Road
SPALDING
Lincolnshire
PE11 2BB

Client Details:

MS P Hall
Environ UK Ltd
7 Walker Street
Edinburgh
EH3 7JY

Prepared For:

SEEL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	28
Hazardous Substances	31
Geological	32
Industrial Land Use	33
Sensitive Land Use	40
Data Currency	41
Data Suppliers	45
Useful Contacts	46

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 and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

Copyright Notice

© Landmark Information Group Limited 2009. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

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

Ove Arup Copyright Notice

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

Peter Brett Associates Copyright Notice

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

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v42.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	1	2	16	14
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 9	2			
Integrated Pollution Prevention And Control	pg 9	3		1	4
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 11			4	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 12		Yes		
Pollution Incidents to Controlled Waters	pg 12	2	1	5	24
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters	pg 17				3
Registered Radioactive Substances					
River Quality	pg 18	1		1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 18			3	3
Water Abstractions	pg 19	1	1		10 (*10)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 24	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 24	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 24	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	pg 26		Yes	n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 28		1		
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 28			2	1
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 29	1			
Registered Waste Transfer Sites	pg 29		2	1	
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 31			1	1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 31			1	
Planning Hazardous Substance Consents	pg 31			1	
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 32	Yes	n/a	n/a	n/a
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
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 32	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
Shallow Mining Hazards				n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 33	1	1	42	32
Fuel Station Entries	pg 39				3

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 40				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 40	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: British Sugar Plc Property Type: Not Supplied Location: British Sugar Plc West Marsh Road, Spalding, Lincs, Pe11 2bg Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Pr5tf5169 Permit Version: 1 Effective Date: 3rd September 1986 Issued Date: 3rd September 1986 Revocation Date: 19th October 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Welland Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A11SW (E)	0	1	525970 324530
2	Discharge Consents Operator: British Sugar Plc Property Type: Undefined Or Other Location: Spalding Factory Of The British Sug, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Pr5nf642 Permit Version: 1 Effective Date: 18th November 1974 Issued Date: 18th November 1974 Revocation Date: 18th February 1994 Discharge Type: Trade Discharge - Process Water 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	A11NW (N)	18	1	525780 324760
3	Discharge Consents Operator: Spalding Energy Co Ltd Property Type: Not Supplied Location: West Marsh Road, Spalding, Pe11 2bb Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pmts01656 Permit Version: 1 Effective Date: 21st September 1989 Issued Date: 21st September 1989 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Welland Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A11SW (E)	67	1	526050 324500
4	Discharge Consents Operator: Malcolm Edward Lesage Property Type: Not Supplied Location: Stumps Lane, Spalding, Lincs, Pe12 6at Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5079 Permit Version: 1 Effective Date: 23rd September 1985 Issued Date: 23rd September 1985 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	A11SE (E)	359	1	526360 324540

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Salvesen Logistics Ltd Property Type: Undefined Or Other Location: Smedleys Ltd, West Marsh Road, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pr5nf5098 Permit Version: 1 Effective Date: 14th November 1985 Issued Date: 14th November 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Drain Environment: Fen Drain Receiving Water: Fen Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A6NE (S)	378	1	525720 324100
6	Discharge Consents Operator: Lloyd Loom Of Spalding Ltd Property Type: Sewage Disposal Works - Other Location: Ex-Combiflora Site Wardentree La, Pinchbeck, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pmnf09889 Permit Version: 2 Effective Date: 17th November 1995 Issued Date: 17th November 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into And/Or Watercourse Environment: Unnamed Watercourse Receiving Water: Unnamed Watercourse Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A14SE (N)	428	1	525650 325150
6	Discharge Consents Operator: Greyfriars Property Invest Co Property Type: Sewage Disposal Works - Other Location: Ex-Combiflora Site Wardentree La, Pinchbeck, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pmnf09889 Permit Version: 1 Effective Date: 27th September 1995 Issued Date: 27th September 1995 Revocation Date: 16th November 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into And/Or Watercourse Environment: Unnamed Watercourse Receiving Water: Unnamed Watercourse Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A14SE (N)	428	1	525650 325150
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 4 Effective Date: 17th November 2008 Issued Date: 12th November 2008 Revocation Date: 9th February 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: River Welland Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 4 Effective Date: 17th November 2008 Issued Date: 12th November 2008 Revocation Date: 9th February 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 5 Effective Date: 10th February 2009 Issued Date: 12th November 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 5 Effective Date: 10th February 2009 Issued Date: 12th November 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 3 Effective Date: 2nd February 2007 Issued Date: 2nd February 2007 Revocation Date: 16th November 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 3 Effective Date: 2nd February 2007 Issued Date: 2nd February 2007 Revocation Date: 16th November 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 2 Effective Date: 31st December 2000 Issued Date: 19th December 2000 Revocation Date: 1st February 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 2 Effective Date: 31st December 2000 Issued Date: 19th December 2000 Revocation Date: 1st February 2007 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Welland Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Ltd. Property Type: Undefined Or Other Location: Spalding Stw Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5tf741 Permit Version: 1 Effective Date: 24th March 1988 Issued Date: 24th March 1988 Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Welland Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A15SE (NE)	473	1	526280 325090

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Anglian Water Services Ltd. Property Type: Undefined Or Other Location: Spalding Stw Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5tf741 Permit Version: 1 Effective Date: 24th March 1988 Issued Date: 24th March 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Welland Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 1 Effective Date: 24th March 1988 Issued Date: 24th March 1988 Revocation Date: 30th December 2000 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Welland Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
7	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Spalding Stw, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5ts741 Permit Version: 1 Effective Date: 24th March 1988 Issued Date: 24th March 1988 Revocation Date: 30th December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Welland Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	473	1	526280 325090
8	Discharge Consents Operator: Morris George And Una Ethel B. Fowler Property Type: Sewage Disposal Works - Water Company Location: Dwellingshouse At West Marsh Road, Platts Bridge, Pinchbeck Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3637 Permit Version: 1 Effective Date: 11th September 1979 Issued Date: 11th September 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 100m	A15SW (NE)	513	1	526100 325200

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Glen Farrow Uk Limited Property Type: Domestic Property (Single) Location: Plot B Plot B The Business Park, Wardentree Lane, Spalding, Lincs, Pe11 3uy Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Npswqd004926 Permit Version: 1 Effective Date: 2nd October 2008 Issued Date: 2nd October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Wardentree Lane Storm Sewer 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	A15NW (N)	526	1	525828 325269
10	Discharge Consents Operator: Ms Yvonne Wells Property Type: Sewage Disposal Works - Other Location: 67b Holbeach Road, Spalding, Lincolnshire, Pe11 2hy Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prnmf12934 Permit Version: 1 Effective Date: 13th June 2003 Issued Date: 24th June 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River 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	A7SW (SE)	554	1	526110 323890
11	Discharge Consents Operator: Wentworth Northern Property Type: Sewage Disposal Works - Other Location: Holly Lodge West Marsh Road, Spalding, Lincs, Pe11 3uw Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf01662 Permit Version: 1 Effective Date: 30th August 1989 Issued Date: 30th August 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company 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	A15NW (N)	626	1	526080 325320
12	Discharge Consents Operator: The Secretary Property Type: Not Supplied Location: 64 Gatehouse, Wardentree Lane, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3056 Permit Version: 1 Effective Date: 11th July 1967 Issued Date: 11th July 1967 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	A14SW (NW)	627	1	525160 325000

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: Malet Azoulay (Uk) Ltd Property Type: Sewage Disposal Works - Other Location: Fowler Welch No. 2 Warehouse, West Marsh Road, Spalding, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prnmf12764 Permit Version: 1 Effective Date: 29th May 2002 Issued Date: 31st May 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Cemetery 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	A5NE (SW)	628	1	525040 324090
14	Discharge Consents Operator: Messrs Nickols Property Type: Not Supplied Location: Adjacent To Moortoft House Moortoft Lane, Pinchbeck, Nr Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnmf01919 Permit Version: 1 Effective Date: 13th November 1989 Issued Date: 13th November 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	A9NE (W)	705	1	524870 324730
15	Discharge Consents Operator: Geest Properties Ltd Property Type: Undefined Or Other Location: Geest Properties Ltd, West Marsh Road, Spalding, Pe11 2bb Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prnmf09166 Permit Version: 1 Effective Date: 31st March 1992 Issued Date: 31st March 1992 Revocation Date: 11th October 2006 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Cemetery Drain Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	720	1	525080 323920
16	Discharge Consents Operator: Wentworth Northern Ltd Property Type: Sewage Disposal Works - Other Location: The Packing Station, West Marsh Road, Pinchbeck Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prnmf02098 Permit Version: 2 Effective Date: 10th February 1992 Issued Date: 10th February 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Drain Environment: Receiving Water: Vernatts Drain Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A15NE (NE)	779	1	526200 325450

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
16	Discharge Consents Operator: Wentworth Northern Property Type: Sewage Disposal Works - Other Location: The Packing Station, West Marsh Road, Pinchbeck Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prmnf02098 Permit Version: 1 Effective Date: 19th January 1990 Issued Date: 19th January 1990 Revocation Date: 9th February 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Drain Environment: Receiving Water: Vernatts Drain Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	779	1	526200 325450
17	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Pinchbeck Intermedt Sps, Pinchbeck, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Aw5nf1703 Permit Version: 1 Effective Date: 18th March 1987 Issued Date: 18th March 1987 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Drain Environment: Receiving Water: Blue Gowt Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A14NW (NW)	847	1	525320 325450
18	Discharge Consents Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Pinchbeck (No 1) Sps, Pinchbeck, Spalding, Pe11 Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Aw5nf613 Permit Version: 1 Effective Date: 7th September 1973 Issued Date: 7th September 1973 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Drain 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	A14NW (NW)	850	1	525260 325410
19	Discharge Consents Operator: Ashwood Homes Property Type: Sewage Disposal Works - Other Location: Bungalow On Spalding Road, Pinchbeck Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5471 Permit Version: 1 Effective Date: 12th January 1988 Issued Date: 12th January 1988 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	A9SW (W)	913	1	524620 324400

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
20	Discharge Consents Operator: Adams Pork Products Limited Property Type: Not Supplied Location: Crescent House, Fulney Lane, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5nf5464 Permit Version: 1 Effective Date: 16th December 1987 Issued Date: 16th December 1987 Revocation Date: 26th February 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Into And/Or Watercourse Environment: Receiving Water: Coronation Channel Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A7SE (SE)	915	1	526310 323580
21	Integrated Pollution Controls Name: Spalding Energy Co Ltd Location: West Marsh Road, SPALDING, Lincolnshire, PE11 2BB Authority: Environment Agency, Anglian Region Permit Reference: BD8118 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (B) Combustion processes within the Fuel & Power Industry Status: Revoked - Now IPPC Positional Accuracy: Automatically positioned to the address	A11SW (SE)	0	1	525915 324459
21	Integrated Pollution Controls Name: Spalding Energy Co Ltd Location: West Marsh Road, SPALDING, Lincolnshire, PE11 2BB Authority: Environment Agency, Anglian Region Permit Reference: AX5170 Dated: 24th April 1997 Process Type: IPC new application Description: 1.3 A (B) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Superseded Positional Accuracy: Automatically positioned to the address	A11SW (SE)	0	1	525915 324459
22	Integrated Pollution Prevention And Control Name: Spalding Energy Co Ltd Location: Spalding Energy Project, West Marsh Road, Spalding, Lincolnshire, PE11 2BG Authority: Environment Agency, Anglian Region Permit Reference: Bx1870il Original Permit Ref: Bk0701iw Effective Date: 19th July 2004 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A11SW (SE)	0	1	525915 324459
22	Integrated Pollution Prevention And Control Name: Spalding Energy Co Ltd Location: Spalding Energy Project, West Marsh Road, SPALDING, Lincolnshire, PE11 2BG Authority: Environment Agency, Anglian Region Permit Reference: Bk0701iw Original Permit Ref: Bk0701iw Effective Date: 24th August 2001 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A11SW (SE)	0	1	525915 324459

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
23	Integrated Pollution Prevention And Control Name: Spalding Energy Co Ltd Location: West Marsh Road, Spalding, Lincolnshire, PE11 2BG Authority: Environment Agency, Anglian Region Permit Reference: Bk0701 Original Permit Ref: Bk0701 Effective Date: 24th August 2001 Status: Effective Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Not Supplied	A11NW (E)	0	1	525955 324629
24	Integrated Pollution Prevention And Control Name: Neerock Ltd Location: Woodhead Brothers (Spalding), Brunel Road, Pinchbeck, Spalding, Lincolnshire, PE11 3YY Authority: Environment Agency, Anglian Region Permit Reference: GP3038XU Original Permit Ref: Gp3038xu Effective Date: 13th November 2008 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 6.8 A(1) (B) Activity Description: Animal, Vegetable And Food; Slaughtering Animals Greater Than 50 T/Day Primary Activity: Y Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A10NW (W)	349	1	525209 324619
25	Integrated Pollution Prevention And Control Name: Geest Foods Limited Location: West Marsh Road, Spalding, Lincolnshire, PE11 2BB Authority: Environment Agency, Anglian Region Permit Reference: XP3534LC Original Permit Ref: Xp3438sb Effective Date: 11th December 2006 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: N Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A6SE (S)	671	1	525544 323811
25	Integrated Pollution Prevention And Control Name: Geest Foods Limited Location: West Marsh Road Food Processor, Geest Foods Limited, West Marsh Road,,, SPALDING, Lincolnshire, PE11 2BB Authority: Environment Agency, Anglian Region Permit Reference: Xp3438sb Original Permit Ref: Xp3438sb Effective Date: 27th July 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A6SE (S)	671	1	525544 323811

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
26	Integrated Pollution Prevention And Control Name: Geo Adams And Sons Limited Location: Fulney Lane Meat Processing Unit - Spalding, The Meat Plant, Fulney Lane, Spalding, Lincolnshire, PE12 6EZ Authority: Environment Agency, Anglian Region Permit Reference: Bt3579it Original Permit Ref: Bt3579it Effective Date: 16th June 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (C) (II) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Physico-Chemical Treatment Primary Activity: N Activity Code: 6.8 A(1) (B) Activity Description: Animal, Vegetable And Food; Slaughtering Animals Greater Than 50 T/Day Primary Activity: Y	A8SW (SE)	921	1	526454 323652
26	Integrated Pollution Prevention And Control Name: Geo Adams And Sons Limited Location: Fulney Lane, Spalding, Lincolnshire, PE12 6EZ Authority: Environment Agency, Anglian Region Permit Reference: LP3630UL Original Permit Ref: Bt3579it Effective Date: 4th April 2007 Status: Effective Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (C) (II) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Physico-Chemical Treatment Primary Activity: N Activity Code: 6.8 A(1) (B) Activity Description: Animal, Vegetable And Food; Slaughtering Animals Greater Than 50 T/Day Primary Activity: Y	A8SW (SE)	922	1	526454 323652
27	Local Authority Pollution Prevention and Controls Name: A S Whitaker & Sons Location: Stevenson Avenue, Pinchbeck, Spalding, Pe11 3sw Authority: South Holland District Council, Environmental Services Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the address or location	A10SW (W)	266	2	525288 324372
28	Local Authority Pollution Prevention and Controls Name: Whittakers Location: Stevenson Avenue, Pinchbeck, Spalding Authority: South Holland District Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A10SW (W)	389	2	525142 324518
29	Local Authority Pollution Prevention and Controls Name: Gist Spalding Location: Wardentree Lane, Pinchbeck, Spalding, Lincolnshire, PE11 3UG Authority: South Holland District Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Automatically positioned to the address	A14SE (N)	437	2	525768 325181
30	Local Authority Pollution Prevention and Controls Name: U Haul Location: 5 Wardentree Lane, Pinchbeck, SPALDING, Lincolnshire, PE11 3UG Authority: South Holland District Council, Environmental Services Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Automatically positioned to the address	A14SE (NW)	447	2	525532 325111

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
31	Local Authority Pollution Prevention and Controls Name: Morrison Supermarkets Plc. Location: Wardentree Lane, Pinchbeck, PE11 3UR Authority: South Holland District Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	528	2	525300 325000
32	Local Authority Pollution Prevention and Controls Name: Hill Hire Location: 5 Wardentree Park, Spalding, Pe11 3uu Authority: South Holland District Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location	A14SW (NW)	534	2	525393 325104
33	Local Authority Pollution Prevention and Controls Name: Lincs Co-Op Location: Springfields Roundabout, Holbeach Road, Spalding Authority: South Holland District Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8NW (SE)	826	2	526640 323977
	Nearest Surface Water Feature	A10NE (NW)	4	-	525703 324666
34	Pollution Incidents to Controlled Waters Property Type: Road Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Local Dyke Incident Date: 18th April 1996 Incident Reference: 2226 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NW (E)	0	1	525900 324600
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Private Drains Incident Date: 27th October 1993 Incident Reference: 1685 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NW (N)	0	1	525800 324695
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Cemetary Drain Incident Date: 20th August 1992 Incident Reference: 1403 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A10SE (SW)	81	1	525600 324400

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
37	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Yard Washings Note: Surface Water Drains Incident Date: 17th December 1998 Incident Reference: 2772 Catchment Area: Not Given Receiving Water: Potential River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (S)	349	1	525800 324100
38	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Spalding District, SPALDING Authority: Environment Agency, Anglian Region Pollutant: Other Sewage Note: River Welland Incident Date: 24th March 1999 Incident Reference: 2812 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15SE (NE)	414	1	526301 325001
39	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Unknown Note: Local Dyke Incident Date: 18th June 1996 Incident Reference: 2272 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (S)	442	1	525800 324000
40	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Waste Oil Note: Scraggs Dyke Incident Date: 23rd September 1998 Incident Reference: 2735 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	458	1	525500 325100
41	Pollution Incidents to Controlled Waters Property Type: Road Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Urban Runoff Note: Scraggs Dyke Incident Date: 15th October 1996 Incident Reference: 2359 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (N)	464	1	525700 325200
42	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Waste Oil Note: Cemetery Drain Incident Date: 22nd April 1996 Incident Reference: 2224 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	575	1	525100 324100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
43	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Vegetable Washings Note: Local Drain Incident Date: 7th June 1995 Incident Reference: 2044 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A15NW (N)	584	1	526000 325295
43	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Vernatts Drain Incident Date: 25th March 1992 Incident Reference: 1272 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (N)	589	1	526000 325300
44	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Urban Runoff Note: Scraggs Dyke Incident Date: 4th January 1996 Incident Reference: 2152 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: High Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	594	1	525300 325095
44	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Scraggs Dyke Incident Date: 4th July 1995 Incident Reference: 2052 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	598	1	525300 325100
45	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Vegetable Washings Note: Cemetery Drain Incident Date: 14th August 1998 Incident Reference: 2711 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	715	1	525001 324001
46	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Unknown Note: Cemetery Drain Incident Date: 27th June 1995 Incident Reference: 2049 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	720	1	525300 323800

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
47	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Cemetery Drain Incident Date: 16th February 1996 Incident Reference: 2179 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	724	1	525100 323900
48	Pollution Incidents to Controlled Waters Property Type: Road Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Waste Oil Note: Pennygate Drain Incident Date: 5th March 1996 Incident Reference: 2191 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (W)	730	1	524800 324500
49	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Unknown Note: Pennygate Drain Incident Date: 23rd September 1998 Incident Reference: 2733 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (W)	738	1	524800 324595
49	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Local Dyke Incident Date: 4th December 1995 Incident Reference: 2141 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (W)	739	1	524800 324600
50	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Unknown Note: Cemetery Drain Incident Date: 9th June 1994 Incident Reference: 1823 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	758	1	525200 323800
50	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Vegetable Washings Note: Cemetery Drain Incident Date: 11th August 1997 Incident Reference: 2506 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	763	1	525200 323795

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Lords Drain Incident Date: 11th October 1996 Incident Reference: 2360 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SE)	769	1	526400 323800
52	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Yard Washings Note: Cemetery Drain Incident Date: 12th May 1998 Incident Reference: 2649 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	804	1	525105 323800
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Unknown Note: Cemetery Drain Incident Date: 24th August 1994 Incident Reference: 1884 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	807	1	525100 323800
52	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Other Note: Cemetery Drain Incident Date: 15th July 1995 Incident Reference: 2056 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	808	1	525105 323795
52	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Unknown Note: Cemetery Drain Incident Date: 9th April 1995 Incident Reference: 2001 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	811	1	525100 323795
53	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Other Note: Cemetery Drain Incident Date: 11th December 1997 Incident Reference: 2557 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	816	1	525300 323700

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
54	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Cemetary Drain Incident Date: 24th September 1993 Incident Reference: 1665 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	893	1	525100 323700
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Scrags Drain Incident Date: 26th October 1993 Incident Reference: 1681 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	894	1	524801 325001
56	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Cemetary Drain Incident Date: 16th June 1993 Incident Reference: 1594 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	942	1	525200 323600
57	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Unknown Note: Cemetary Drain Incident Date: 14th March 1995 Incident Reference: 1988 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A5NW (SW)	960	1	524700 324000
57	Pollution Incidents to Controlled Waters Property Type: Food industry Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Yard Washings Note: Cemetary Drain Incident Date: 24th August 1995 Incident Reference: 2087 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5NW (SW)	962	1	524700 323995
58	Prosecutions Relating to Controlled Waters Location: West Marsh Road Industrial Estate, SPALDING, Lincolnshire, PE11 2BB Prosecution Text: EA Paper Data 23/02/2000, Causing poisonous, noxious or polluting matter to enter controlled waters. Prosecution Act: WRA91 s85(1) Hearing Date: 26th June 1998 Verdict: Guilty Fine: 3500 Cost: 1114.92 Positional Accuracy: Manually positioned to the road within the address or location	A6SE (S)	647	1	525685 323825

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
58	Prosecutions Relating to Controlled Waters Location: West Marsh Road Industrial Estate, SPALDING, Lincolnshire, PE11 2BB Prosecution Text: EA Paper Data 23/02/2000, Causing poisonous, noxious or polluting matter to enter controlled waters. Prosecution Act: WRA91 s85(1) Hearing Date: 10th June 1998 Verdict: Guilty Fine: 2000 Cost: 1230 Positional Accuracy: Manually positioned to the road within the address or location	A6SE (S)	647	1	525685 323825
59	Prosecutions Relating to Controlled Waters Location: Cemetry Drain, SPALDING, Lincolnshire, PE11 Prosecution Text: NRA Anglian Data, Discharging trade effluent into Cemetry Drain. Prosecution Act: WA89 s107 Hearing Date: 28th June 1991 Verdict: Guilty Fine: 400 Cost: 835.94 Positional Accuracy: Manually positioned to the address or location	A5NE (SW)	674	1	525027 324033
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A11SW (NW)	0	1	525796 324569
	River Quality Name: Welland GQA Grade: River Quality B Reach: New R. Spalding...Tidal Limit (2) Estimated Distance (km): 3 Flow Rate: Flow less than 2.5 cumecs Flow Type: Drain Year: 2000	A7NW (S)	457	1	526026 323969
60	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 12th January 2009 Incident Reference: 645505 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A10NW (W)	305	1	525333 324717
61	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 19th August 2002 Incident Reference: 101575 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and EffectsAmmonia/Amine Odour	A7NW (S)	305	1	525786 324157
62	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 29th January 2009 Incident Reference: 649664 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A10NW (W)	420	1	525158 324679
63	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 28th June 2002 Incident Reference: 88154 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable : Blood & Offal Pollutant: Oils - Unknown	A6NW (SW)	617	1	525129 324013

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
64	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 28th April 2003 Incident Reference: 154478 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable Materials And Wastes: Vegetable Cuttings And Deposits	A9NE (W)	721	1	524820 324612
64	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 17th April 2002 Incident Reference: 72418 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Agricultural Materials And Wastes: Other Agricultural Material Or Waste	A9NE (W)	725	1	524819 324628
65	Water Abstractions Operator: British Sugar Plc Licence Number: 5/31/14/*S/0014 Permit Version: 100 Location: Vernatts Drain Authority: Environment Agency, Anglian Region Abstraction: Food And Drink: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 September Authorised End: 31 March Permit Start Date: 1st January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (N)	0	1	525800 324700
66	Water Abstractions Operator: Spalding Energy Co Ltd Licence Number: 5/31/14/*S/0014 Permit Version: 101 Location: Vernatts Drain Authority: Environment Agency, Anglian Region Abstraction: Production Of Energy: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 September Authorised End: 31 March Permit Start Date: 2nd February 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SW (SW)	250	1	525340 324320
67	Water Abstractions Operator: L.W Van Geest Licence Number: 5/31/14/*s/018 Permit Version: Not Supplied Location: Vernatts Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 14 Yearly Rate (m3): 1091000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (NE)	508	1	526100 325195

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
67	Water Abstractions Operator: L.W Van Geest Licence Number: 5/31/14/*s/018 Permit Version: Not Supplied Location: Vernatts Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 5 Yearly Rate (m3): 364000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (NE)	513	1	526100 325200
68	Water Abstractions Operator: Lincolnshire Field Products Ltd Licence Number: 5/31/14/*S/0247 Permit Version: 1 Location: Vernatts Drain A - B Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	631	1	526190 325300
68	Water Abstractions Operator: Lincolnshire Field Products Ltd Licence Number: 5/31/14/*S/0247 Permit Version: 1 Location: Vernatts Drain A - B Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	631	1	526190 325300
68	Water Abstractions Operator: L W Van Geest (Farms) Ltd Licence Number: 5/31/14/*S/0018a Permit Version: 100 Location: Vernatt'S Drain - Spalding Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st October 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	634	1	526200 325300

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
68	Water Abstractions Operator: L W Van Geest (Farms) Ltd Licence Number: 5/31/14/*S/0018a Permit Version: 100 Location: Vernatt'S Drain - Spalding Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st October 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	634	1	526200 325300
69	Water Abstractions Operator: Elsom's Seeds Ltd Licence Number: 5/31/14/*s/167 Permit Version: Not Supplied Location: Blue Gowt Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 4 Yearly Rate (m3): 110000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (N)	809	1	525500 325500
70	Water Abstractions Operator: Lincolnshire Field Products Ltd Licence Number: 5/31/14/*S/0247 Permit Version: 1 Location: Blue Gowt C - D Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (N)	856	1	525810 325600
70	Water Abstractions Operator: L W Van Geest (Farms) Ltd Licence Number: 5/31/14/*S/0018a Permit Version: 100 Location: Blue Gowt Drain A - Pinchbeck Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st October 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (N)	856	1	525800 325600

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
70	Water Abstractions Operator: L.W. Van Geest (Farms) Ltd Licence Number: 5/31/14/*s/018a Permit Version: Not Supplied Location: Blue Gowt Drain A , PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 54 Yearly Rate (m3): 8000000 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (N)	856	1	525800 325600
	Water Abstractions Operator: Chas. Lacey & Sons Limited Licence Number: 5/31/14/*s/196 Permit Version: Not Supplied Location: Vernatts Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 20000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1243	1	524300 324300
	Water Abstractions Operator: B. H. Daniels Licence Number: 5/31/14/*s/037 Permit Version: Not Supplied Location: Vernatts Drain, SPALDING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 3 Yearly Rate (m3): 613710 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1359	1	524200 324200
	Water Abstractions Operator: L.W. Van Geest (Farms) Ltd Licence Number: 5/31/14/*s/018a Permit Version: Not Supplied Location: Blue Gowt Drain B , PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 54 Yearly Rate (m3): 8000000 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (N)	1391	1	526100 326100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Elsoms Seeds Ltd Licence Number: 5/31/14/*S/0222 Permit Version: 100 Location: Blue Gowt Drain, Pinchbeck Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 January Authorised End: 31 March Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NE (N)	1522	1	526250 326200
	Water Abstractions Operator: Cecil Francis Ltd Licence Number: 5/31/14/*s/187 Permit Version: Not Supplied Location: Blue Gowt Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 7 Yearly Rate (m3): 500000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1530	1	524000 324500
	Water Abstractions Operator: L W Van Geest (Farms) Ltd Licence Number: 5/31/14/*S/0018a Permit Version: 100 Location: Captain'S Drain -Pinchbeck Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st October 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	1658	1	524600 325900
	Water Abstractions Operator: L.W Van Geest Licence Number: 5/31/14/*s/018 Permit Version: Not Supplied Location: Vernatts Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 14 Yearly Rate (m3): 1091000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1678	1	526500 326300

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: C W Dobbs & Son Ltd Licence Number: 5/31/14/*S/0117 Permit Version: 101 Location: Vernatts Drains - South Holland Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 29th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1700	1	523900 324000
	Water Abstractions Operator: B. H. Daniels Licence Number: 5/31/14/*s/037 Permit Version: Not Supplied Location: Vernatts Drain, SPALDING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 3 Yearly Rate (m3): 613710 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1700	1	523900 324000
	Water Abstractions Operator: Lincolnshire Field Products Ltd Licence Number: 5/31/14/*S/0247 Permit Version: 1 Location: Captains Drain E - F Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th November 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1742	1	524550 325970
	Groundwater Vulnerability Geological Classification: Non Aquifer (Negligibly permeable) - Formations which are generally regarded as containing insignificant quantities of groundwater. However, groundwater flow through such rocks, although imperceptible, does take place and needs to be considered in assessing the risk associated with persistent pollutants Soil Classification: Not classified Map Sheet: Sheet 24 North Northamptonshire Scale: 1:100,000	(S)	0	1	524493 317897
	Drift Deposits None				
	Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	0	1	525971 324444
	Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	16	1	525971 324444
	Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	0	1	525971 324444
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	16	1	525971 324444

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Boundary Accuracy: As Supplied	A11SW (SE)	32	1	526000 324470
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NW (E)	60	1	526077 324640
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	60	1	526010 324425
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	60	1	525995 324390
	Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	60	1	526030 324470
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NW (E)	61	1	526080 324650
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (E)	61	1	526035 324480
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	61	1	526020 324445
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	61	1	526015 324435
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (SE)	61	1	525990 324380
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (E)	62	1	526050 324515
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (E)	62	1	526040 324490
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (E)	65	1	526055 324525
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (E)	68	1	526060 324535
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11SW (E)	71	1	526065 324545
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NW (NE)	76	1	526103 324695
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NW (E)	82	1	526090 324592
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NW (NE)	82	1	526108 324705
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NW (NE)	88	1	526112 324715
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	97	1	526116 324730
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	116	1	526127 324750

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	141	1	526139 324775
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	148	1	526141 324785
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	170	1	526175 324774
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A7NW (SE)	178	1	525935 324240
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A7NW (S)	201	1	525902 324220
	Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A7NW (S)	202	1	525900 324220
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	204	1	526190 324813
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	210	1	526195 324817
	Flooding from Rivers or Sea without Defences Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A11NE (NE)	222	1	526200 324830
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: 0553050520102R01	A10NE (NW)	10	1	525697 324673
	Flood Defences Type: Flood Defences Reference: 0553151000203L62	A11SW (E)	13	1	525995 324506
	Flood Defences Type: Flood Defences Reference: 0553151000203L63	A11SW (SE)	15	1	525987 324484
	Flood Defences Type: Flood Defences Reference: 0553050520102L01	A10NE (NW)	16	1	525693 324677
	Flood Defences Type: Flood Defences Reference: 0553151000203L61	A11NW (E)	44	1	526059 324637
	Flood Defences Type: Flood Defences Reference: 0553151000203L60	A11NW (E)	51	1	526079 324682
	Flood Defences Type: Flood Defences Reference: 0553151000203R56	A11SW (SE)	85	1	526052 324452
	Flood Defences Type: Flood Defences Reference: 0553151000203L59	A11NW (NE)	85	1	526102 324731
	Flood Defences Type: Flood Defences Reference: 0553151000204R51	A7NW (SE)	209	1	525953 324210
	Flood Defences Type: Flood Defences Reference: 0553151000203R57	A7NW (S)	225	1	525895 324198

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Flood Defences Type: Flood Defences Reference: 0553050510201L51	A7NW (S)	227	1	525895 324197
	Flood Defences Type: Flood Defences Reference: 0553151000204L51	A7NW (S)	227	1	525895 324197

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
71	Historical Landfill Sites Licence Holder: British Sugar Plc Location: Spalding, Lincolnshire Name: Spalding Sugar Beet Factory Operator Location: Po Box 26, Oundle Road, Peterborough Boundary Accuracy: As Supplied Provider Reference: EAHLD00276 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Household Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: L115, RD7 032/2, RD7-70-01/89, SH-70-01/89, 2500/5312	A6NE (SW)	181	1	525594 324238
72	Licensed Waste Management Facilities (Locations) Licence Number: 70996 Location: West Marsh Road, Spalding, Lincolnshire, PE11 2BB Operator Name: Lincolnshire County Council Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 16th September 1993 Last Modified: 31st December 2003 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (NE)	272	1	526200 324900
73	Licensed Waste Management Facilities (Locations) Licence Number: 70954 Location: Enterprise House, Westmarsh Road, Spalding, Lincolnshire, PE11 2BB Operator Name: Anglian Water Services Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Transfer Stations Taking Non-biodegradable Wastes Licence Status: Issued Issued: 5th January 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SW (NE)	416	1	526100 325100
74	Licensed Waste Management Facilities (Locations) Licence Number: 73048 Location: Albion Street, Spalding, Lincolnshire, PE11 2AY Operator Name: Transco Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 26th May 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 29th February 2000 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	794	1	525400 323700
	Local Authority Landfill Coverage Name: South Holland District Council - Has no landfill data to supply		0	2	528385 331597
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	8	531832 332221

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
75	Registered Landfill Sites Licence Holder: British Sugar Plc Licence Reference: L115 Site Location: Spalding Sugar Beet Factory, Spalding, Lincolnshire Licence Easting: 525400 Licence Northing: 324300 Operator Location: PO Box 26, Oundle Road, PETERBOROUGH, Cambridgeshire, PE2 9QU Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Lincs Cat.A Inert Waste Lincs Cat.B Gen.Waste (Slow Decomp) Soil Containing Some Vegetable Matter Prohibited Waste: Mat'L Likely To Become Windblown Poisonous, Noxious, Polluting Wastes	A10SE (SW)	0	1	525607 324440
76	Registered Waste Transfer Sites Licence Holder: Sundorne Products (Llanidloes) Ltd Licence Reference: L253 Site Location: West Marsh Road H.W.R.C, Spalding, Lincolnshire Operator Location: Park Avenue, Aberystwyth, Ceredigion, SY23 1pg Authority: Environment Agency - Anglian Region, Northern Area Site Category: Civic Amenity Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 16th September 1993 Preceded By: R 14 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Com. & Ind. Waste For Recycling Lead/Acid Batteries Lincs Cat.A Inert Waste Lincs Cat.B Gen.Waste (Slow Decomp) Lincs Cat.C Putrescible Lincs Cat.Di Difficut Max.Waste Permitted By Licence Spec.Waste (Epa'90:S62/1996 Regs)	A11NW (NE)	216	1	526080 324900
76	Registered Waste Transfer Sites Licence Holder: Lincolnshire C.C. Licence Reference: R 14 Site Location: West Marsh Road, Spalding, Lincolnshire Operator Location: City Hall, LINCOLN, Lincolnshire, LN1 1DN Authority: Environment Agency - Anglian Region, Northern Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st June 1977 Preceded By: Not Given Licence: Superseded By: L253 Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Civic Amenity/Refuse Amenity Waste Trade Waste Compat.With Recycl./Transf	A11NW (NE)	216	1	526080 324900

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
77	Registered Waste Transfer Sites Licence Holder: Anglian Water Servs. Ltd Northern Div. Licence Reference: L181 Site Location: Westmarsh Road Depot, SPALDING, Lincolnshire, PE11 2BB Operator Location: Waterside House, Waterside North, LINCOLN, Lincolnshire, LN2 5HA Authority: Environment Agency - Anglian Region, Northern Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 5th January 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Lincs Cat.A Inert Waste Lincs Cat.B Gen.Waste (Slow Decomp) Max.Waste Permitted By Licence-Stated Liquid/Sludge Wastes Prohibited Waste: Waste N.O.S.	A15SE (NE)	445	1	526200 325100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
78	Control of Major Accident Hazards Sites (COMAH) Name: Calor Gas (Spalding) Limited Location: Wardentree Lane, Pinchbeck, SPALDING, Lincolnshire, PE11 2UG Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the road within the address	A14SE (NW)	487	3	525501 325138
79	Control of Major Accident Hazards Sites (COMAH) Name: P P and H (Spalding) Ltd Location: Wardentree Lane, SPALDING, Lincolnshire, PE11 3UG Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Manually positioned to the road within the address or location	A14SW (NW)	667	3	525121 325017
80	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Calor Gas (Spalding) Limited Location: Wardentree Lane, Pinchbeck, SPALDING, Lincolnshire, PE11 2UG Status: Record Ceased To Be Supplied Under NIHHS Regulations (1982) Positional Accuracy: Automatically positioned to the road within the address	A14SE (NW)	483	3	525501 325133
81	Planning Hazardous Substance Consents Name: Pp & H Ltd Location: Wardentree Lane, Pinchbeck, SPALDING, Lincolnshire, PE Authority: South Holland District Council Application Ref: H14/0649/93 Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Substance: liquefied or not) Maximum Quantity: 50 Application date: 14th July 1993 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the road within the address or location	A14SE (NW)	477	4	525516 325136

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Oxford Clay and Kellaways Beds	(NE)	0	5	529799 330701
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	5	525798 324550
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	5	525798 324550
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	5	525725 324567
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	5	525700 324550
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	5	525725 324567
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	5	525798 324550
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	5	525798 324550
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	5	525798 325000
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	5	525798 325000
	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	A15SW (N)	0	5	525798 325000
	Shallow Mining Hazards No Hazard				

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
82	Contemporary Trade Directory Entries Name: Cleanaway Ltd Location: West Marsh Road, Spalding, Lincolnshire, PE11 2BB Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A11NW (E)	0	-	525994 324586
82	Contemporary Trade Directory Entries Name: Tendafrost Frozen Foods Ltd Location: West Marsh Rd, Spalding, Lincolnshire, PE11 2BE Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (E)	4	-	526008 324592
83	Contemporary Trade Directory Entries Name: A S Whitaker & Sons Location: Stephenson Avenue, Pinchbeck, SPALDING, Lincolnshire, PE11 3SW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (W)	266	-	525288 324372
84	Contemporary Trade Directory Entries Name: Acclaim Handling (D & R) Ltd Location: 8, Benner Road, Pinchbeck, SPALDING, Lincolnshire, PE11 3TZ Classification: Fork Lift Trucks Status: Active Positional Accuracy: Automatically positioned to the address	A10NE (NW)	272	-	525532 324871
84	Contemporary Trade Directory Entries Name: Manufacture Vehicle Engineers Location: 9, Benner Road, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Engine Component Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	A10NE (NW)	287	-	525502 324862
85	Contemporary Trade Directory Entries Name: Abbey Print Ltd Location: Benner Road, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A10NE (NW)	274	-	525482 324824
85	Contemporary Trade Directory Entries Name: Ultra Ltd Location: Enterprise Way, Pinchbeck, Spalding, Lincolnshire, PE11 3YR Classification: Window Frame Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	274	-	525482 324824
86	Contemporary Trade Directory Entries Name: Alcontrol Location: 3-5, Enterprise Way, Pinchbeck, Spalding, Lincolnshire, PE11 3YR Classification: Laboratories Status: Active Positional Accuracy: Manually positioned to the address or location	A10NW (NW)	277	-	525423 324767
87	Contemporary Trade Directory Entries Name: Welland Print Location: West Marsh Rd, Spalding, Lincolnshire, PE11 2BB Classification: Printers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A7NW (S)	310	-	525823 324132
88	Contemporary Trade Directory Entries Name: Wendle Location: 5 Benner Rd, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (NW)	322	-	525562 324974
88	Contemporary Trade Directory Entries Name: P S Carter Location: 5, Benner Road, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (NW)	323	-	525563 324975
88	Contemporary Trade Directory Entries Name: P S Carter Location: 5, Benner Road, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (NW)	323	-	525563 324975

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
88	Contemporary Trade Directory Entries Name: M B Supplies Location: 6, Benner Road, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Hydraulic Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (NW)	325	-	525557 324973
89	Contemporary Trade Directory Entries Name: Fowler-Welch Ltd Location: West Marsh Road, Spalding, Lincolnshire, PE11 2BB Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (SW)	327	-	525533 324156
90	Contemporary Trade Directory Entries Name: Map Technologies Location: 10, Cresswell Close, Pinchbeck, Spalding, Lincolnshire, PE11 3TY Classification: Food Colouring, Flavouring & Additive Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A10NW (NW)	357	-	525421 324880
91	Contemporary Trade Directory Entries Name: Watson Backus Machinery Ltd Location: Avicom House, 12, Enterprise Way, Pinchbeck, Spalding, Lincolnshire, PE11 3YR Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A10NW (W)	362	-	525277 324741
91	Contemporary Trade Directory Entries Name: Robsons Of Spalding Location: 12, Enterprise Way, Pinchbeck, Spalding, Lincolnshire, PE11 3YR Classification: Road Haulage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A10NW (W)	362	-	525277 324741
91	Contemporary Trade Directory Entries Name: Fruitex Location: Fleming Rd, Pinchbeck, Spalding, Lincolnshire, PE11 3UF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10NW (W)	383	-	525244 324738
91	Contemporary Trade Directory Entries Name: W A Burdall & Co Location: Fleming Road, Pinchbeck, Spalding, Lincolnshire, PE11 3TZ Classification: Commercial Vehicle Manufacturers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A10NW (W)	392	-	525240 324747
92	Contemporary Trade Directory Entries Name: Chris Vickers Location: Stephenson Av, Pinchbeck, Spalding, Lincolnshire, PE11 3SW Classification: Refrigeration Equipment - Commercial Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A10SW (W)	368	-	525162 324470
93	Contemporary Trade Directory Entries Name: Grays Body Shop Location: 8-9, Cresswell Close, Pinchbeck, Spalding, Lincolnshire, PE11 3TY Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the address or location	A10NW (NW)	374	-	525368 324850
94	Contemporary Trade Directory Entries Name: Quadrant Laboratories Ltd Location: Stephenson Av, Pinchbeck, Spalding, Lincolnshire, PE11 3SW Classification: Laboratories Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10SW (W)	396	-	525136 324526
94	Contemporary Trade Directory Entries Name: C P T Distribution Ltd Location: Stephenson Avenue, Pinchbeck, Spalding, Lincolnshire, PE11 3SW Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (W)	399	-	525139 324561
94	Contemporary Trade Directory Entries Name: Spalding Distribution Services Ltd Location: Stephenson Avenue, Pinchbeck, Spalding, Lincolnshire, PE11 3SW Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	399	-	525139 324561