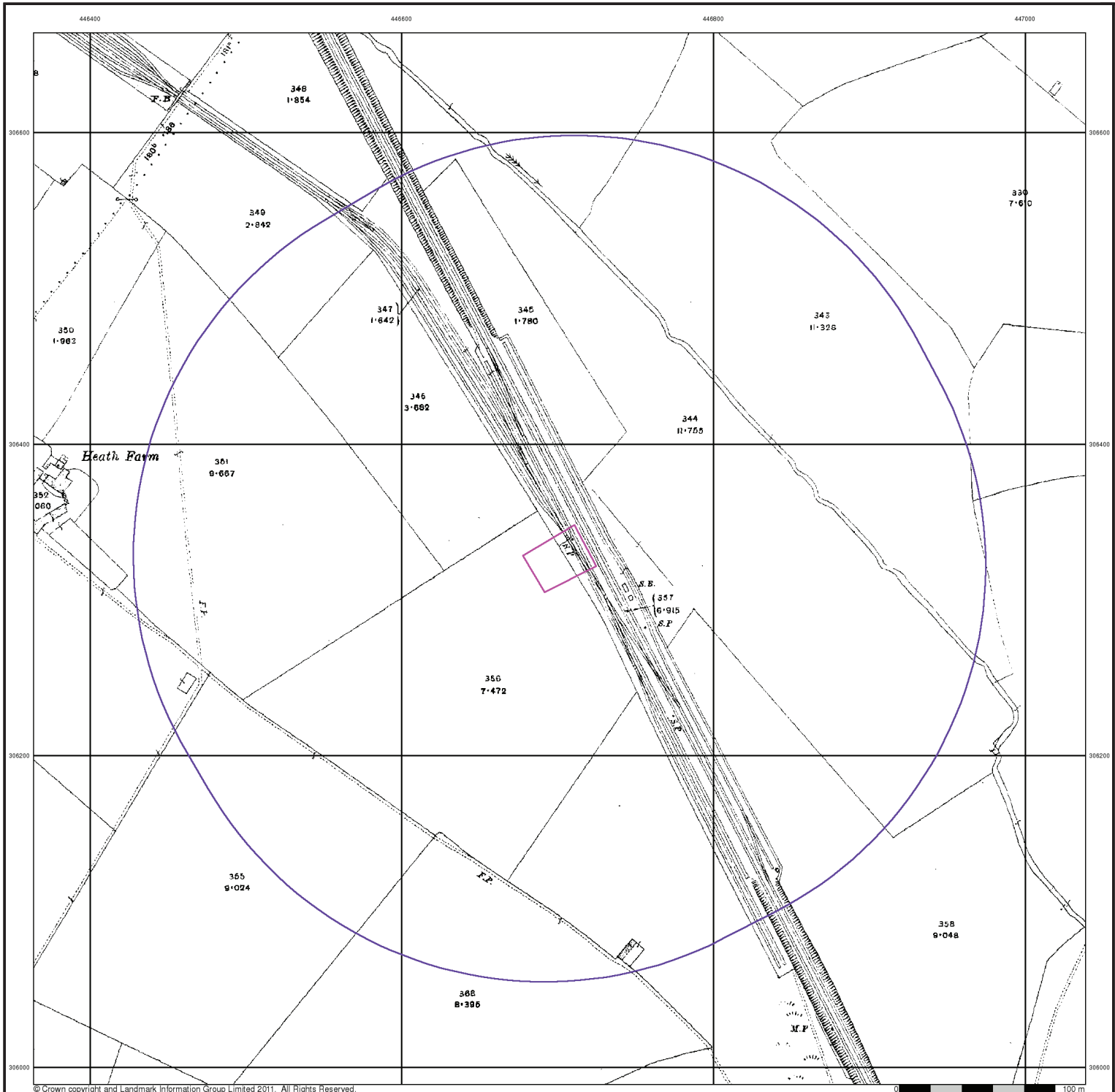


© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

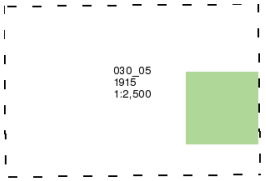
Leicestershire

Published 1915

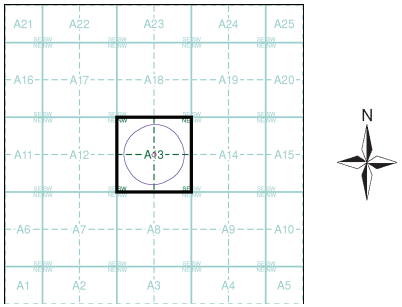
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



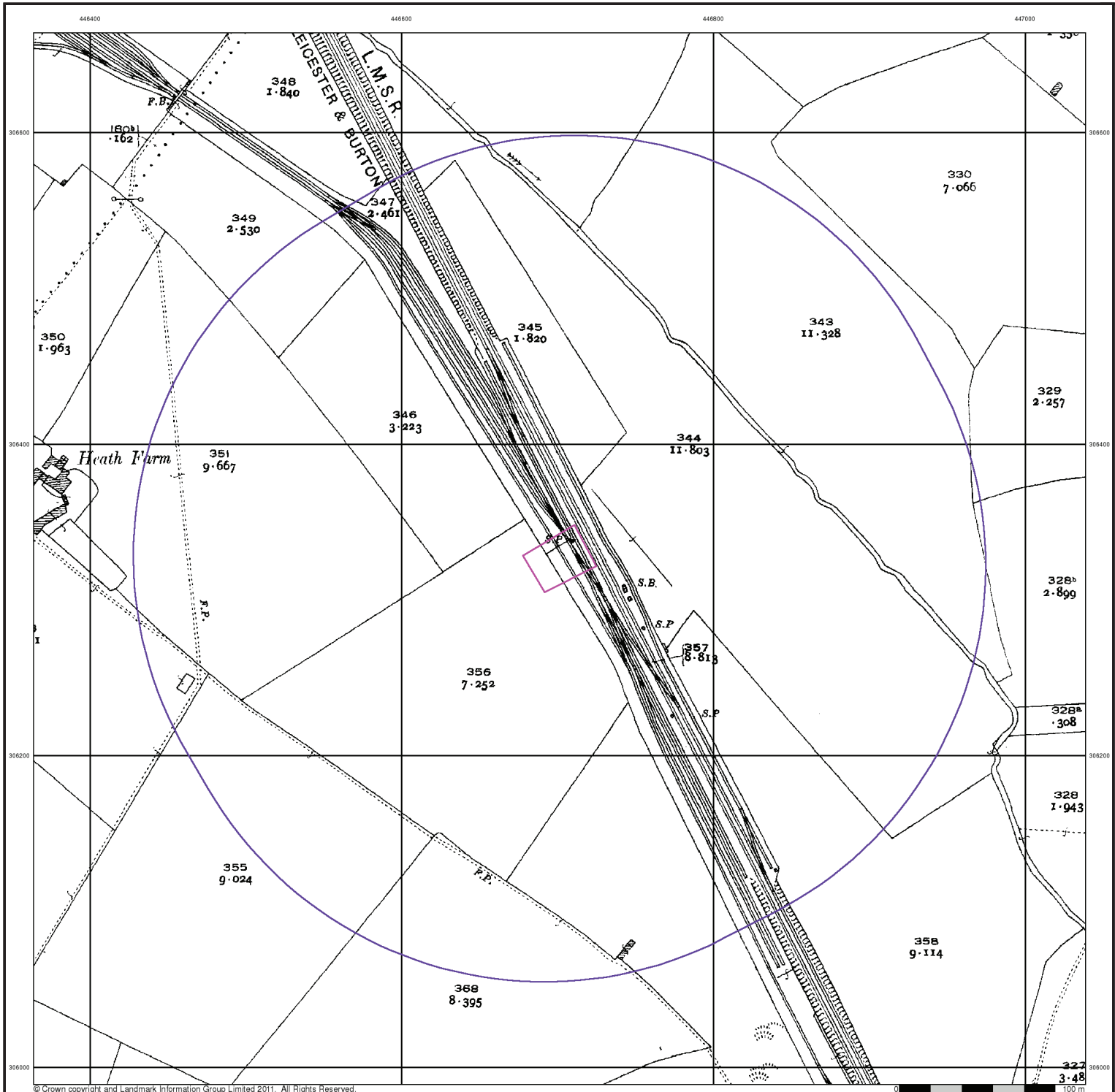
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

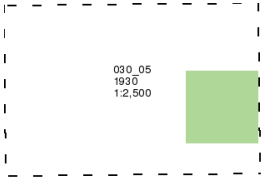
Leicestershire

Published 1930

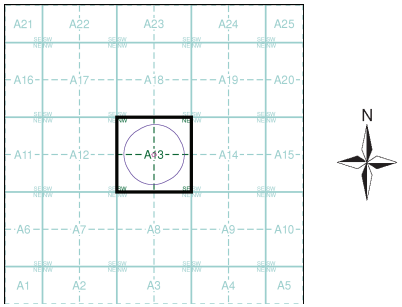
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



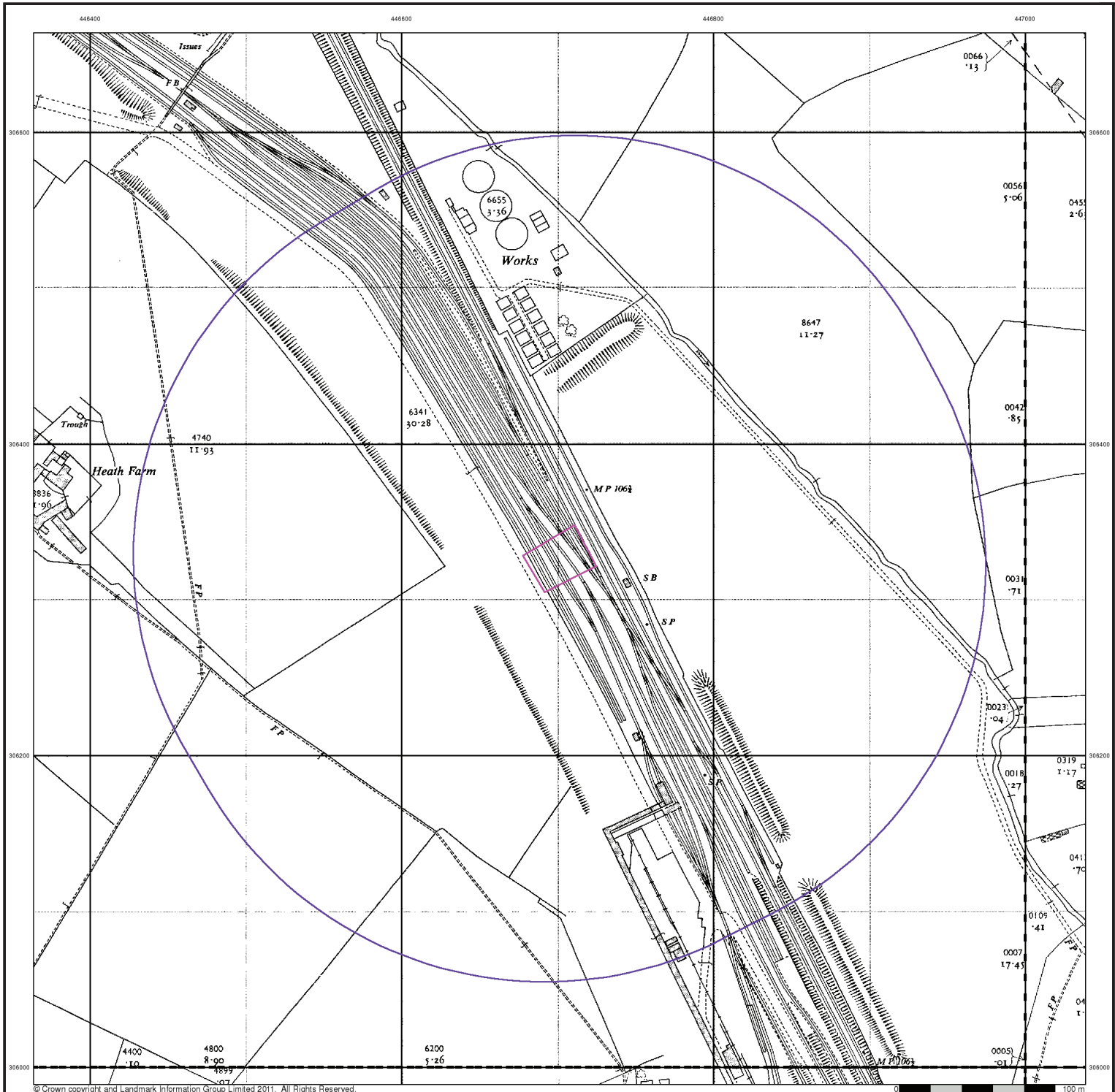
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

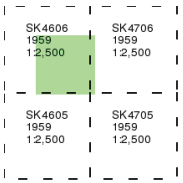
Ordnance Survey Plan

Published 1959

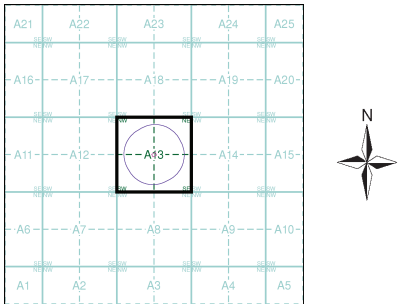
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



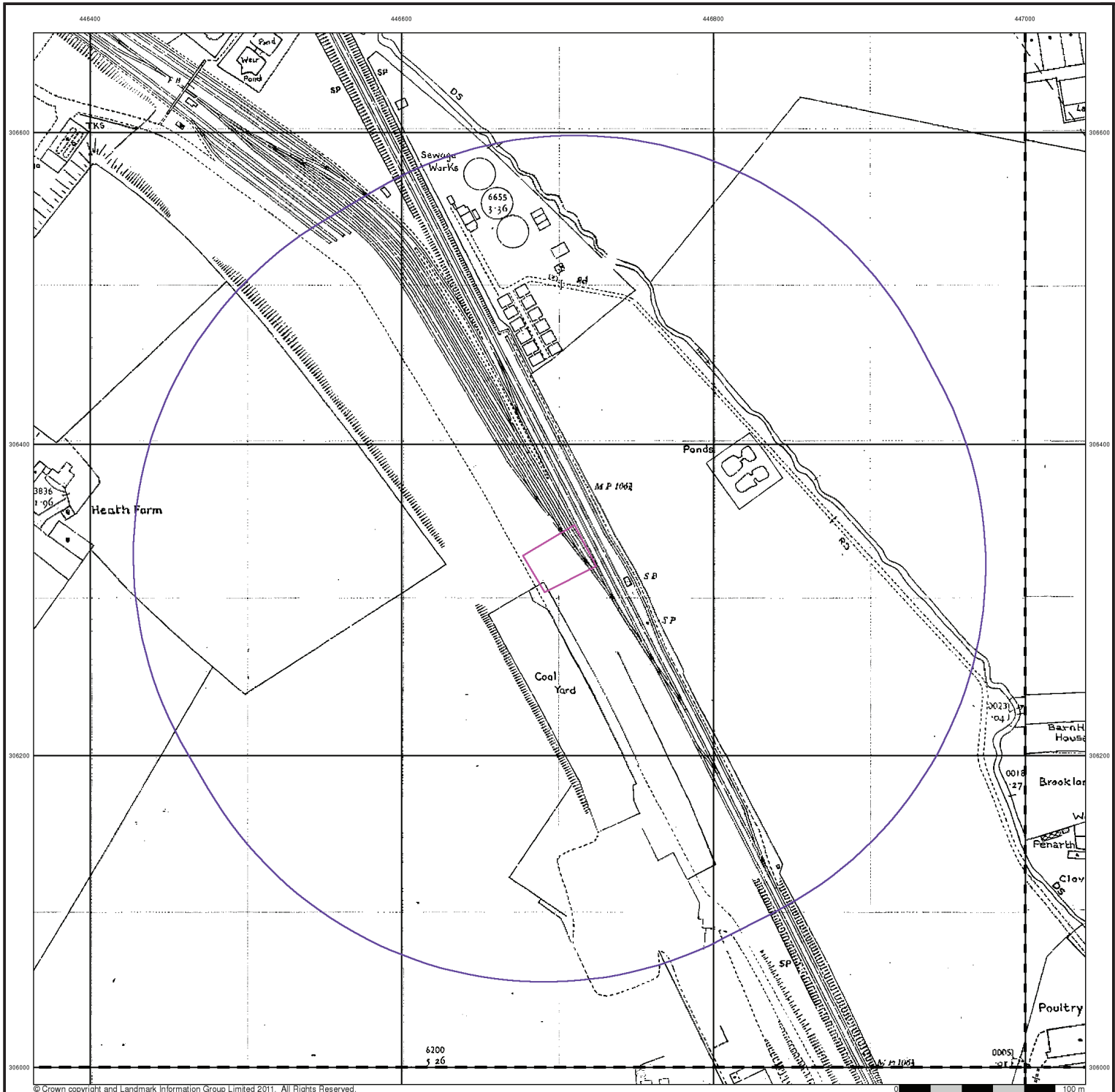
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

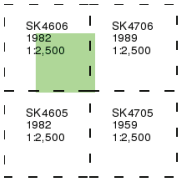
Additional SIMs

Published 1959 - 1989

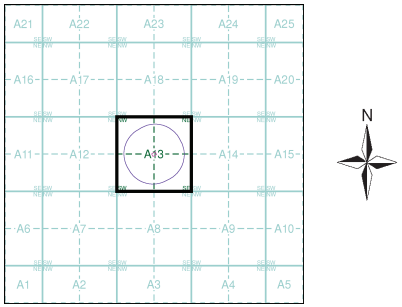
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



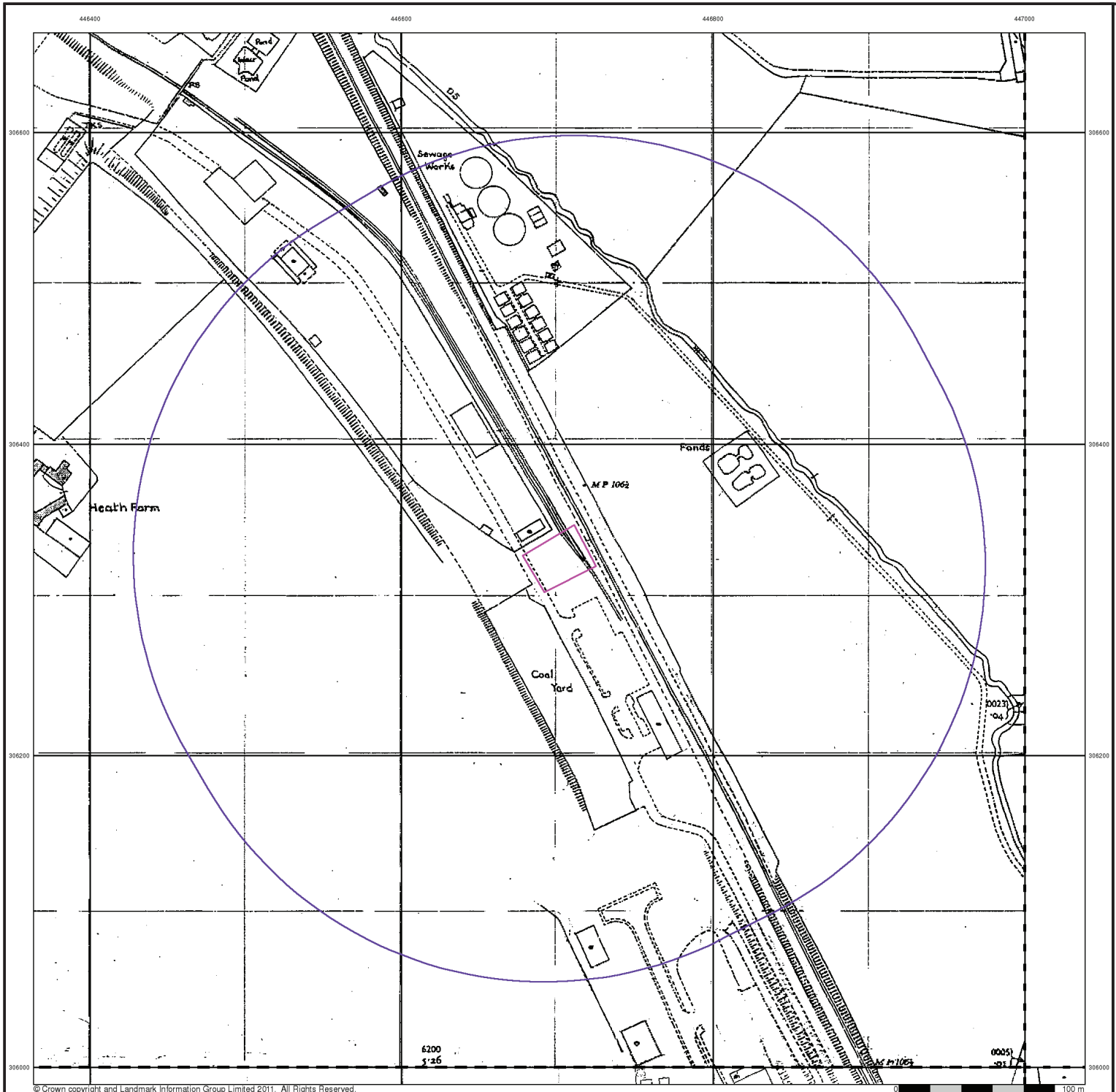
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

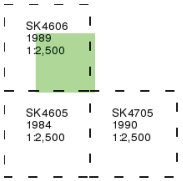
Additional SIMs

Published 1984 - 1990

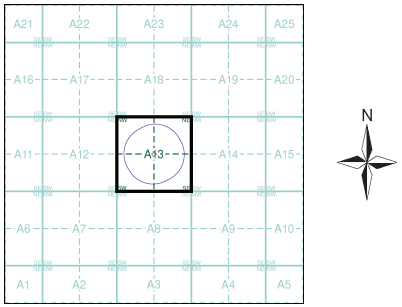
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



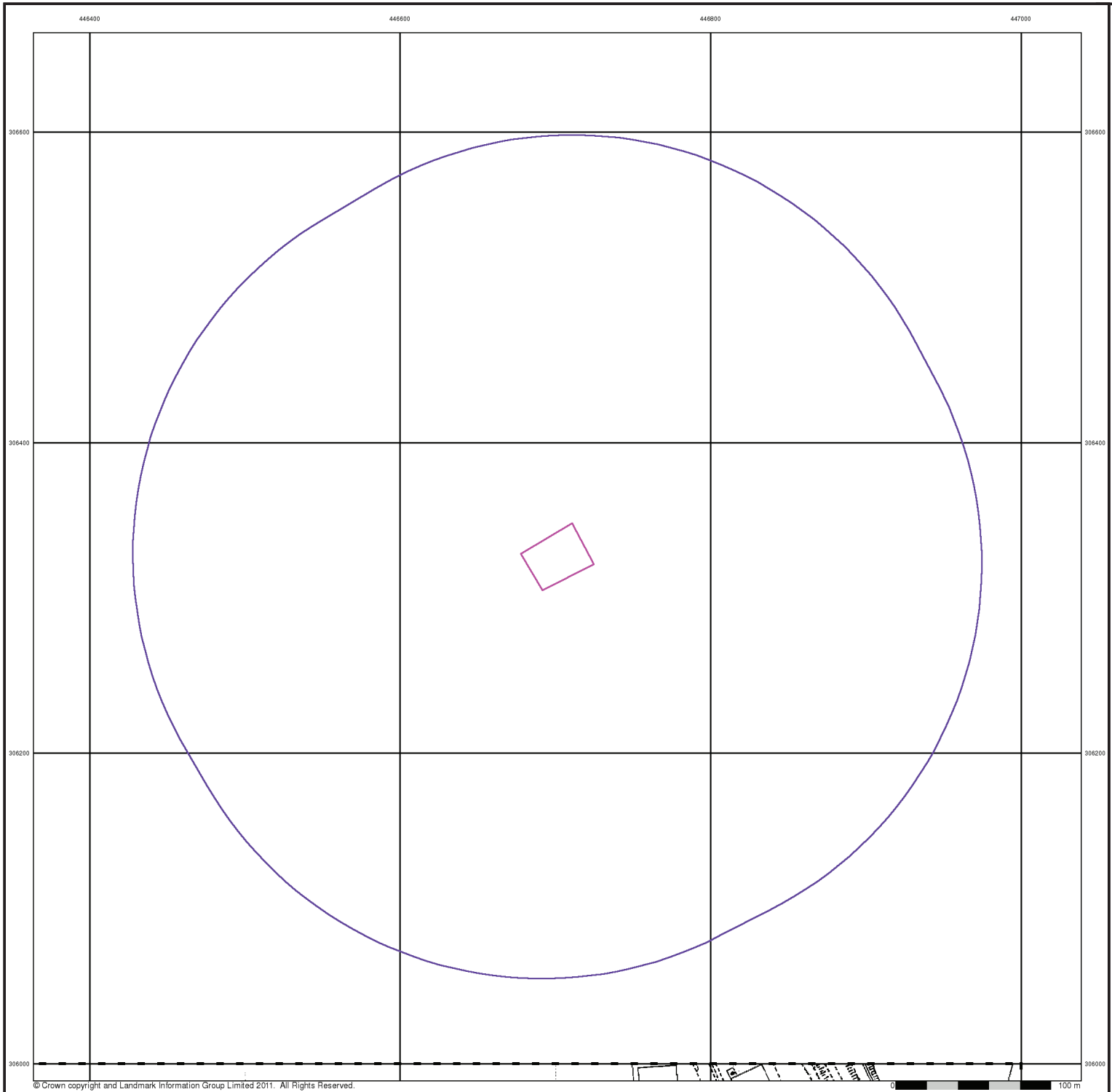
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

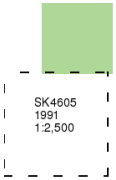
Additional SIMs

Published 1991

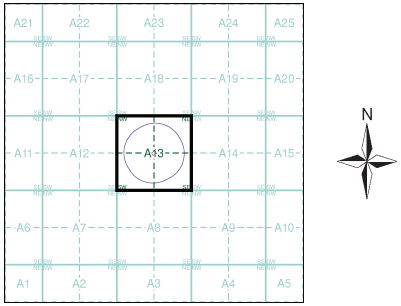
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



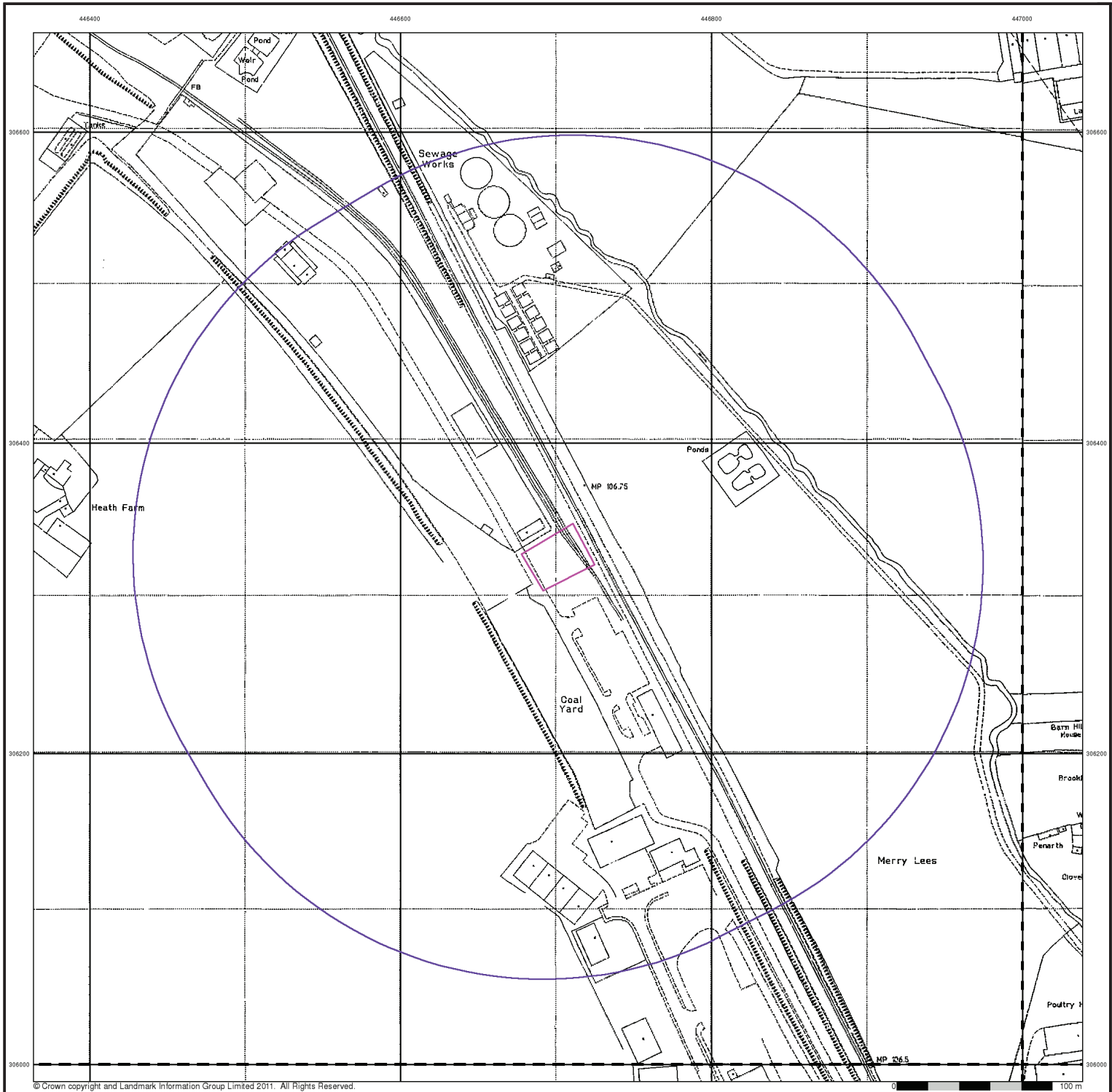
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

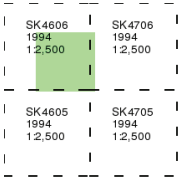
Large-Scale National Grid Data

Published 1994

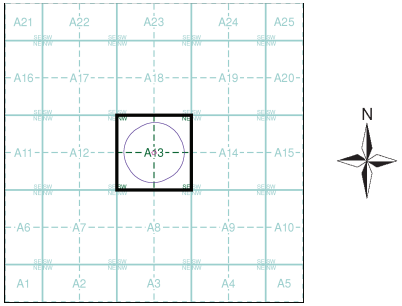
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



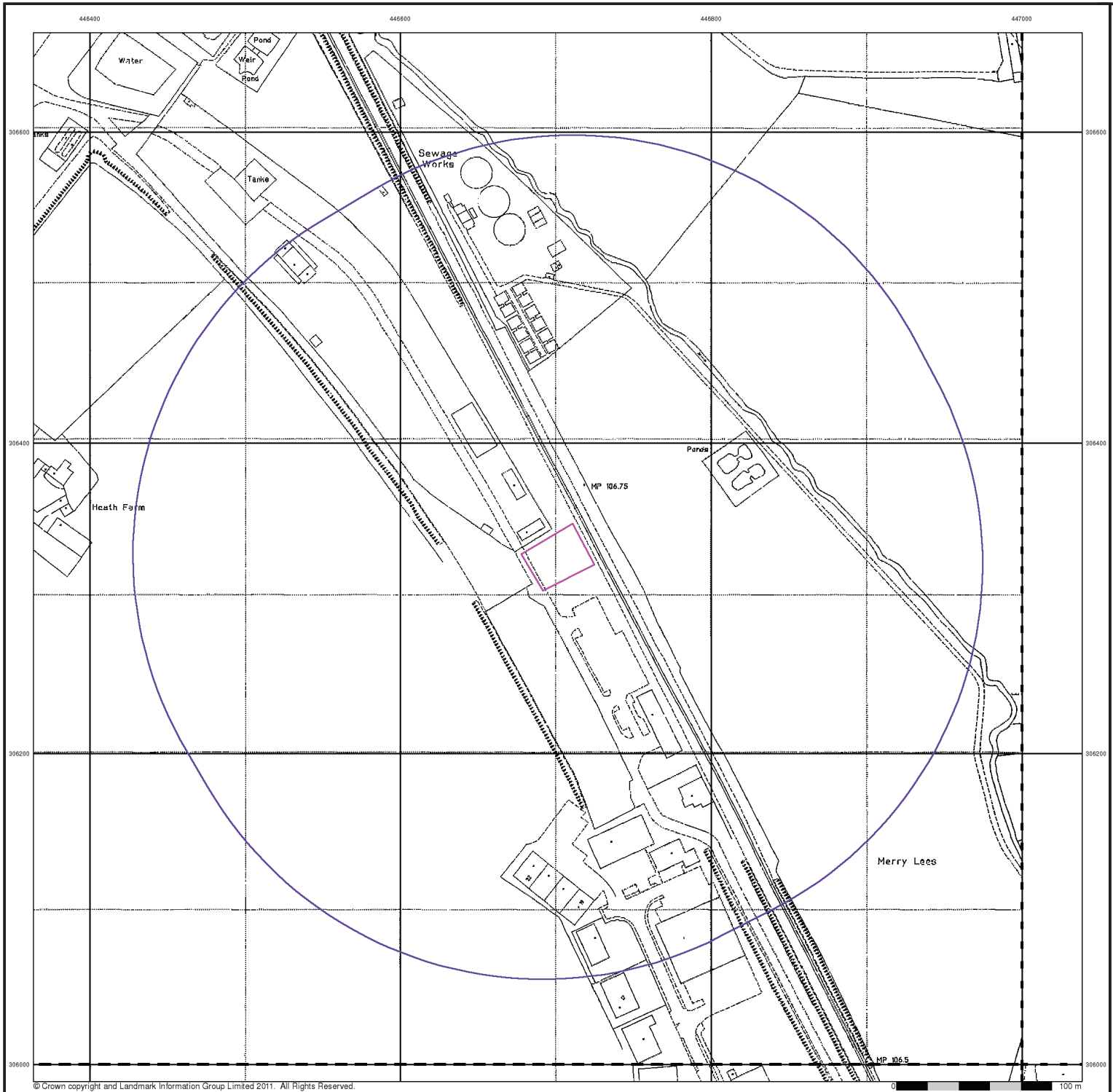
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown copyright and Landmark Information Group Limited 2011. All Rights Reserved.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

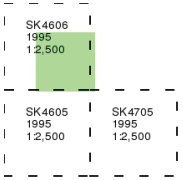
Large-Scale National Grid Data

Published 1995

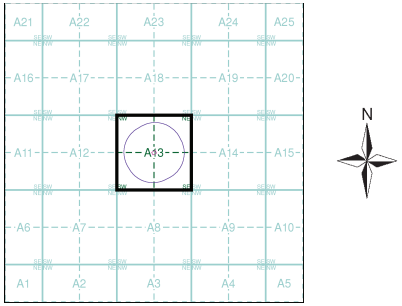
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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

A P P E N D I X C

Environmental Report

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
34008336_1_1

Customer Reference:
G11037

National Grid Reference:
446700, 306330

Slice:
A

Site Area (Ha):
0.11

Search Buffer (m):
500

Site Details:

8 Merrylees Industrial Estate
Leeside, Desford
LEICESTER
LE9 9FS

Client Details:

Mr J Poynton
Nicholls Colton & Partners Ltd
7-11 Harding Street
Leicester
LE1 4DH

Prepared For:

Mr G. Wilford
Merrylees Industrial Estate
Desford
Leicestershire

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	6
Geological	7
Industrial Land Use	9
Sensitive Land Use	10
Data Currency	11
Data Suppliers	15
Useful Contacts	16

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 2011. 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 v47.0

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Summary

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

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)	pg 6			1
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents	pg 6		1	
Planning Hazardous Substance Enforcements				
Geological				
BGS Recorded Mineral Sites	pg 7			1
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas	pg 7	Yes	n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards				n/a
Potential for Compressible Ground Stability Hazards	pg 7	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 7	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 7	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 8	Yes	Yes	n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a
Industrial Land Use				
Contemporary Trade Directory Entries	pg 9		6	n/a
Fuel Station Entries				

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
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				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 10	1		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Thornton & Bagworth Stw Off Merrylees Road, Thornton, Coalville, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Rothley Brook Catchment Reference: T/56/08339/R Permit Version: 1 Effective Date: 3rd February 1981 Issued Date: 3rd February 1981 Revocation Date: 10th December 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Rothley Brook **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	131	1	446820 306420
1	**Discharge Consents** Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Thornton & Bagworth Stw Off Merrylees Road, Thornton, Coalville, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Rothley Brook Catchment Reference: T/56/08339/R Permit Version: 1 Effective Date: 3rd February 1981 Issued Date: 3rd February 1981 Revocation Date: 10th December 2003 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Rothley Brook **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	131	1	446820 306420
2	**Discharge Consents** Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Merry Lees Pumping Station, Merry Lees, Near Desford, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Rothley Brook Catchment Reference: T/56/21826/O Permit Version: 1 Effective Date: 26th August 1992 Issued Date: 26th August 1992 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Rothley Brook **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	358	1	447020 306120
2	**Discharge Consents** Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Merry Lees Pumping Station, Merry Lees, Near Desford, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Rothley Brook Catchment Reference: T/56/21826/O Permit Version: 1 Effective Date: 26th August 1992 Issued Date: 26th August 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Rothley Brook **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	358	1	447020 306120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Hanson Brick Limited Property Type: Manufacture Of Clay Products Location: Desford Brickworks, Heath Road, Bagworth, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Rothley Brook Catchment Reference: T/56/21949/T Permit Version: 1 Effective Date: 11th December 1992 Issued Date: 11th December 1992 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Rothley Brook **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	397	1	446550 306710
4	**Discharge Consents** Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Merrylees Industrial Estate - Sws, Nr Desford, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Rothley Brook Catchment Reference: T/56/12300/O Permit Version: 1 Effective Date: 10th May 1988 Issued Date: 10th May 1988 Revocation Date: 30th March 2000 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Merrylees Brook **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	471	1	446970 305920
5	**Integrated Pollution Prevention And Control** Name: Blue Moon Farms Ltd Location: Henwood Farm, Henwood Farm, Desford Road,,Kirby Muxloe, LEICESTER, Leicestershire, LE9 2BF Authority: Environment Agency, Midlands Region Permit Reference: CP3537MJ Original Permit Ref: Cp3537mj Effective Date: 24th August 2007 **Status: Effective** Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	A13SE (SE)	434	1	447035 306020
	Nearest Surface Water Feature	A13NE (NE)	98	-	446804 306380
6	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: By Waterworks , Thornton Reservoir, THORNTON Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Amenity Affected; Red Discolouration Incident Date: 22nd May 1998 Incident Reference: 2804524 Catchment Area: Trent Catchment : Rothley Brook Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	388	1	447000 306050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Pumping Station Location: Merry Lees, Markfield, LEICESTER Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Power Failure At Merry Lees Some Sewage To Stream; Amenity Effected Incident Date: 1st June 1997 Incident Reference: 2802683 Catchment Area: Trent Catchment : Rothley Brook Receiving Water: Watercourse Cause of Incident: Electrical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	417	1	447000 306010
7	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Pumping Station Location: Anstey Abstraction Point Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Rothley Brook; Power Failure - Sewage To Brook At Bagworth; No Adverse Effects Incident Date: 25th April 1997 Incident Reference: 2802463 Catchment Area: Trent Catchment : Rothley Brook Receiving Water: Watercourse Cause of Incident: Electrical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	464	1	447100 306050
8	**Pollution Incidents to Controlled Waters** Property Type: Other Farming Location: Merry Lees Road, BAGWORTH Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Unknown Note: Tributary Rothly Brook; Greasy Disch From Drain; Amenity Effected Incident Date: 15th October 1997 Incident Reference: 2803519 Catchment Area: Trent Catchment : Rothley Brook Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	466	1	447130 306550
	River Quality Name: Rothley Bk GQA Grade: River Quality B Reach: Thornton Bagworth Stw To Thornton Bk Estimated Distance (km): 1.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13NE (NE)	0	1	446709 306334
	Water Abstractions Operator: Mr C H Bancroft Licence Number: 03/28/56/0009 Permit Version: 100 Location: Busky Farm - Well Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Busky Farm - Borehole Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	825	1	447400 306800
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 23 Leicestershire Scale: 1:100,000	A13SE (S)	0	1	446701 306326
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	A13SE (S)	0	2	446701 306326

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (S)	0	2	446701 306326
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Boundary Accuracy: As Supplied	A13NE (NE)	111	1	446810 306400
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Boundary Accuracy: As Supplied	A13NE (NE)	115	1	446810 306405
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Historical Landfill Sites** Licence Holder: Desford Brickworks Location: Heath Road, Coalville, Bagworth, Leicestershire Name: Desford Brickworks Operator Location: 14 Castle Hill, Maidenhead, Berkshire Boundary Accuracy: As Supplied Provider Reference: EAHLD35730 First Input Date: 1st June 1992 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 43283 Regis Ref: YP3/L/MOV001 WRC Ref: 2700/0047 BGS Ref: Not Supplied Other Ref: NYCC/295, 0700/NYCC295, NE3257	A13NW (NW)	388	1	446400 306599
10	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Desford Brickworks Licence Number: 43283 Location: Desford Brickworks, Heath Road, Bagworth, Coalville, Leicestershire, LE67 1DL Licence Holder: Hanson Brick Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied **Licence Status: Inactive** Issued 10th May 1991 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NW (NW)	387	1	446400 306598
11	**Licensed Waste Management Facilities (Locations)** Licence Number: 43283 Location: Desford Brickworks, Heath Road, Bagworth, Coalville, Leicestershire, LE67 1DL Operator Name: Hanson Brick Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Industrial Waste Landfills **Licence Status: Surrendered** Issued: 10th May 1991 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 27th July 2010 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	427	1	446490 306713
	Local Authority Landfill Coverage Name: Leicestershire County Council - Has supplied landfill data		0	3	446701 306326
	Local Authority Landfill Coverage Name: Hinckley And Bosworth Borough Council - Has no landfill data to supply		0	9	446701 306326
12	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 256 Authority: Leicestershire County Council **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A13NW (NW)	381	3	446392 306580

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Hazardous Substances

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Control of Major Accident Hazards Sites (COMAH)** Name: Flogas Uk Ltd Location: Leicester (Merrylees), Stoke Industrial Park, Merrylees Road, Leicester, Leicestershire, LE9 9FE Reference: Not Supplied Type: Upper Tier **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	341	4	446804 305984
14	**Planning Hazardous Substance Consents** Name: Flogas Uk Ltd Location: Stokes Industrial Park, Merrylees Road, Desford, Leicester, Leicestershire, Le9 9fe Authority: East Lindsey District Council, Planning Department Application Ref: N/005/1106/02 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 100 Application date: 22nd July 2002 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (S)	125	5	446749 306195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**BGS Recorded Mineral Sites** Site Name: Merrylees Drift Location: Merrylees, Bagworth, Coalville, Leicestershire Source: British Geological Survey, National Geoscience Information Service Reference: 17936 Type: Underground **Status: Ceased** Operator: Ncb South Midlands Area Operator Location: Coleorton Hall, Coleorton, Leicester, Le6 4fa Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NE (S)	349	2	446830 305985
	BGS 1:625,000 Solid Geology Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	A13SE (S)	0	2	446701 306326
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (S)	0	6	446701 306326
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	2	446700 306326
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	446701 306326
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	1	2	446725 306326
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	39	2	446650 306300
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	76	2	446750 306250
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	446701 306326
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	157	2	446575 306200
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	159	2	446600 306175
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	169	2	446625 306150
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	446701 306326
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	1	2	446725 306326
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	39	2	446650 306300
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	165	2	446775 306500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	228	2	446950 306350
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	446701 306326
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	175	2	446575 306175
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	246	2	446525 306125
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	446701 306326
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	446701 306326

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Contemporary Trade Directory Entries** Name: Flogas Uk Ltd Location: Stokes Industrial Park, Merrylees Road, Desford, Leicester, LE9 9FE Classification: Gas Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	105	-	446762 306224
16	**Contemporary Trade Directory Entries** Name: Flogas (Uk) Ltd Location: Stokes Industrial Park, Merrylees Road, Desford, Leicester, Leicestershire, LE9 9FE Classification: Gas Companies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	105	-	446762 306224
17	**Contemporary Trade Directory Entries** Name: Comer Industries (Uk) Ltd Location: Unit 2/3, Stokes Industrial Park, Merrylees Road, Desford, Leicester, LE9 9FE Classification: Power Transmission Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (S)	135	-	446728 306175
18	**Contemporary Trade Directory Entries** Name: Packaging Machinery Direct Ltd Location: Unit 21 Merrylees Ind Est,Lee Side, Desford, Leicester, Leicestershire, LE9 9FS Classification: Packaging & Wrapping Equipment & Supplies **Status: Active** Positional Accuracy: Manually positioned to the address or location	A13SW (S)	183	-	446695 306122
18	**Contemporary Trade Directory Entries** Name: Dansart Ltd Location: 19, Merrylees Industrial Estate, Lee Side, Desford, Leicester, LE9 9FS Classification: Plastics - Vacuum Forming **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (S)	205	-	446715 306102
19	**Contemporary Trade Directory Entries** Name: Lawman Commercial Services Ltd Location: 31 Merrylees Ind Est,Lee Side, Desford, Leicester, Leicestershire, LE9 9FS Classification: Commercial Vehicle Dealers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (S)	250	-	446765 306066

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Nitrate Vulnerable Zones** Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13SE (S)	0	7	446701 306326

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Hinckley And Bosworth Borough Council - Environmental Health Department	April 2010	Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	January 2011	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	January 2011	Quarterly
Integrated Pollution Controls Environment Agency - Midlands Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	January 2011	Quarterly
Local Authority Integrated Pollution Prevention And Control Hinckley And Bosworth Borough Council - Environmental Health Department	February 2010	Annual Rolling Update
Local Authority Pollution Prevention and Controls Hinckley And Bosworth Borough Council - Environmental Health Department	February 2010	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Hinckley And Bosworth Borough Council - Environmental Health Department	January 2011	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2010	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	December 2011	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	December 2011	Monthly
Registered Radioactive Substances Environment Agency - Midlands Region	January 2011	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2011	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2011	Annually
Substantiated Pollution Incident Register Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	January 2011 January 2011	Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	January 2011	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	October 2010	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2010	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2010	Annually
Source Protection Zones Environment Agency - Head Office	January 2011	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2010	Quarterly

Data Currency

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	November 2010	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	November 2010	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	November 2010	Quarterly
Flood Defences		
Environment Agency - Head Office	November 2010	Quarterly
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Midlands Region - East Area	October 2010	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	October 2010	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Midlands Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Midlands Region - East Area	January 2011	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	January 2011	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Midlands Region - East Area	October 2010	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	October 2010	Quarterly
Local Authority Landfill Coverage		
Hinckley And Bosworth Borough Council - Environmental Health Department	May 2000	Not Applicable
Leicestershire County Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Hinckley And Bosworth Borough Council - Environmental Health Department	May 2000	Not Applicable
Leicestershire County Council	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites		
Health and Safety Executive	July 2010	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Leicestershire County Council	August 2010	Annual Rolling Update
Hinckley And Bosworth Borough Council	January 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
Leicestershire County Council	August 2010	Annual Rolling Update
Hinckley And Bosworth Borough Council	January 2011	Annual Rolling Update
East Lindsey District Council - Planning Department	November 2010	Annual Rolling Update

Data Currency

Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2009	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	November 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2011	Quarterly

Data Currency

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas Natural England	October 2010	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	December 2010	Bi-Annually
Marine Nature Reserves Natural England	September 2010	Bi-Annually
National Nature Reserves Natural England	December 2010	Bi-Annually
National Parks Natural England	January 2011	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	November 2010	Annually
Ramsar Sites Natural England	December 2010	Bi-Annually
Sites of Special Scientific Interest Natural England	December 2010	Bi-Annually
Special Areas of Conservation Natural England	December 2010	Bi-Annually
Special Protection Areas Natural England	December 2010	Bi-Annually

Data Suppliers

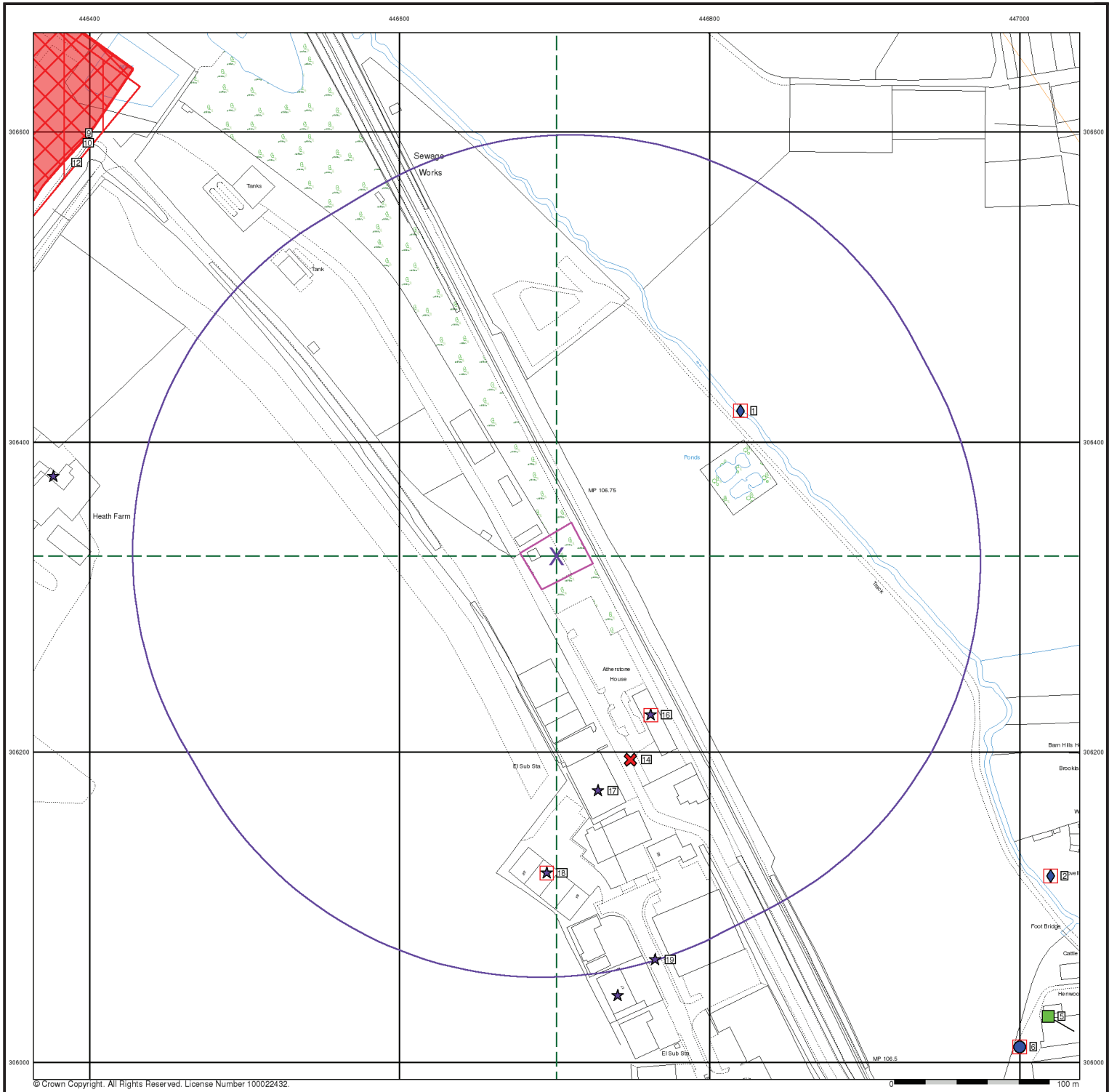
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey Licensed Partner
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
Natural England	NATURAL ENGLAND
Health Protection Agency	Health Protection Agency
Ove Arup	ARUP
Peter Brett Associates	pba

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Leicestershire County Council** County Hall, Glenfield, Leicestershire, LE3 8RH	Website: www.leics.gov.uk
4	**Health and Safety Executive** HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
5	**East Lindsey District Council - Planning Department** Teddar Hall, Manby Park, Louth, Lincolnshire, LN11 8UP	Telephone: 01507 601111 Fax: 01507 600206 Website: www.e-lindsey.gov.uk
6	**The Coal Authority - Mining Report Service** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
7	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
8	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	**Hinckley And Bosworth Borough Council - Environmental Health Department** First Floor, Florence House, St Marys Road, Hinckley, Leicestershire, LE10 1EQ	Telephone: 01455 238141 Fax: 01455 890228 Website: www.hinckleyandbosworthonline.org.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

- BGS Recorded Mineral Site

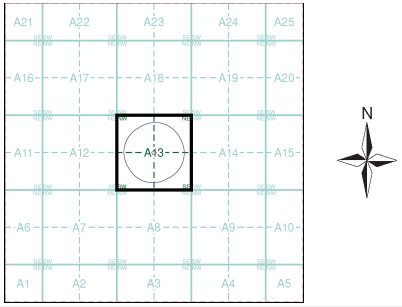
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Segment A13



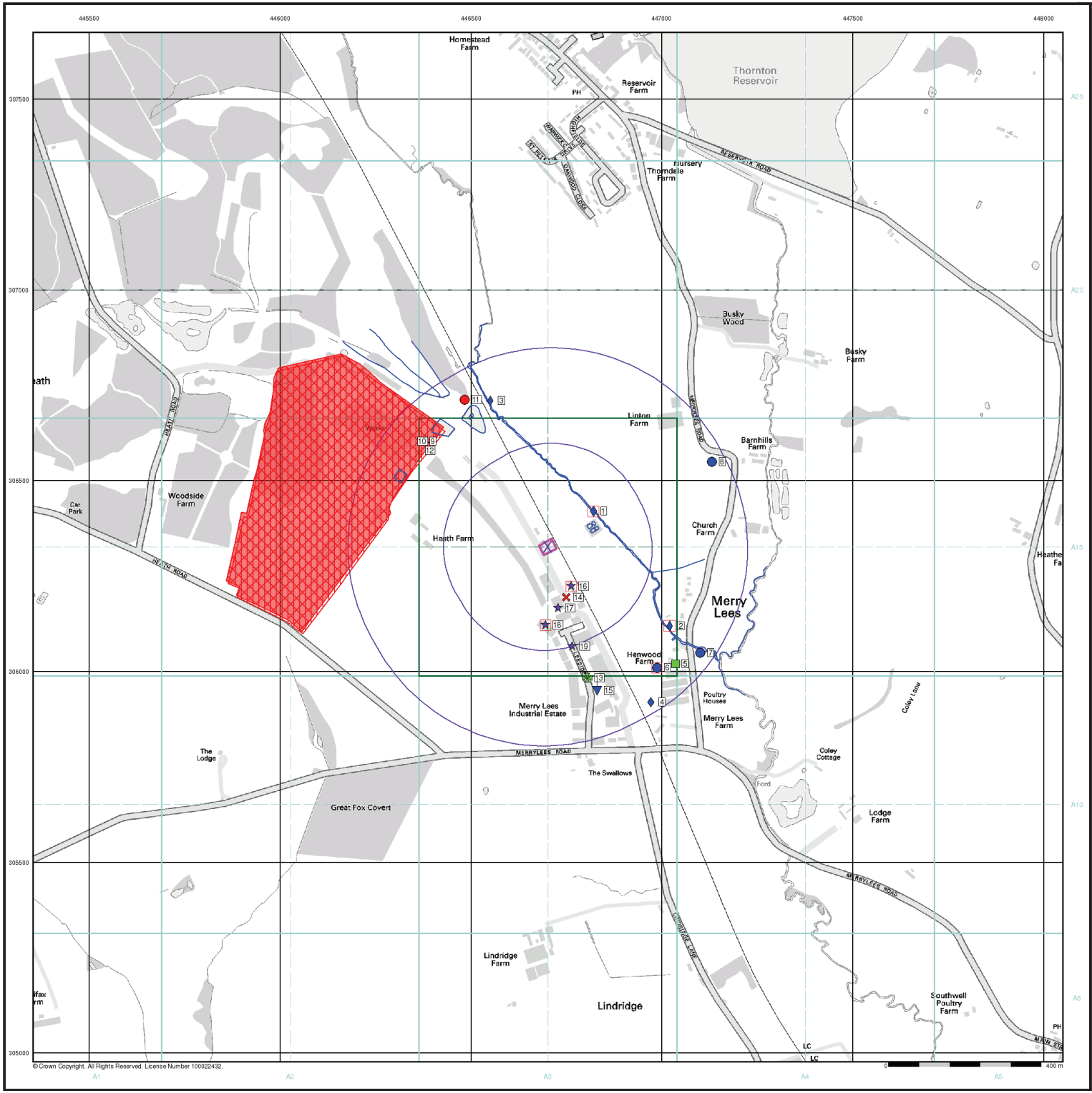
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Plot Buffer (m):	250

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

General

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

Agency and Hydrological

Contaminated Land Register Entry or Notice (Location)
Contaminated Land Register Entry or Notice
Discharge Consent
Enforcement or Prohibition Notice
Integrated Pollution Control
Integrated Pollution Prevention Control
Local Authority Integrated Pollution Prevention and Control
Local Authority Pollution Prevention and Control
Local Authority Pollution Prevention and Control Enforcement
Pollution Incident to Controlled Waters
Prosecution Relating to Authorised Processes
Prosecution Relating to Controlled Waters
Registered Radioactive Substance
River Network or Water Feature
River Quality Sampling Point
Substantiated Pollution Incident Register
Water Abstraction
Water Industry Act Referral

Waste

BGS Recorded Landfill Site (Location)
BGS Recorded Landfill Site
EA Historic Landfill (Buffered Point)
EA Historic Landfill (Polygon)
Integrated Pollution Control Registered Waste Site
Licensed Waste Management Facility (Landfill Boundary)
Licensed Waste Management Facility (Location)
Local Authority Recorded Landfill Site (Location)
Local Authority Recorded Landfill Site
Registered Landfill Site
Registered Landfill Site (Location)
Registered Landfill Site (Point Buffered to 100m)
Registered Landfill Site (Point Buffered to 250m)
Registered Waste Transfer Site (Location)
Registered Waste Transfer Site
Registered Waste Treatment or Disposal Site (Location)
Registered Waste Treatment or Disposal Site

Geological

BGS Recorded Mineral Site

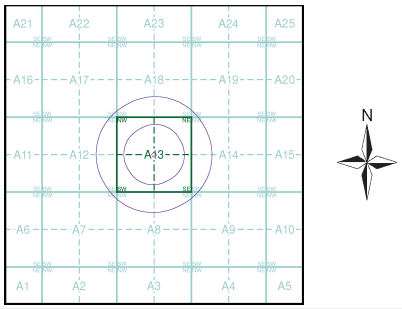
Hazardous Substances

COMAH Site
Explosive Site
NIHHS Site
Planning Hazardous Substance Consent
Planning Hazardous Substance Enforcement

Industrial Land Use

Contemporary Trade Directory Entry
Fuel Station Entry

Site Sensitivity Map - Slice A



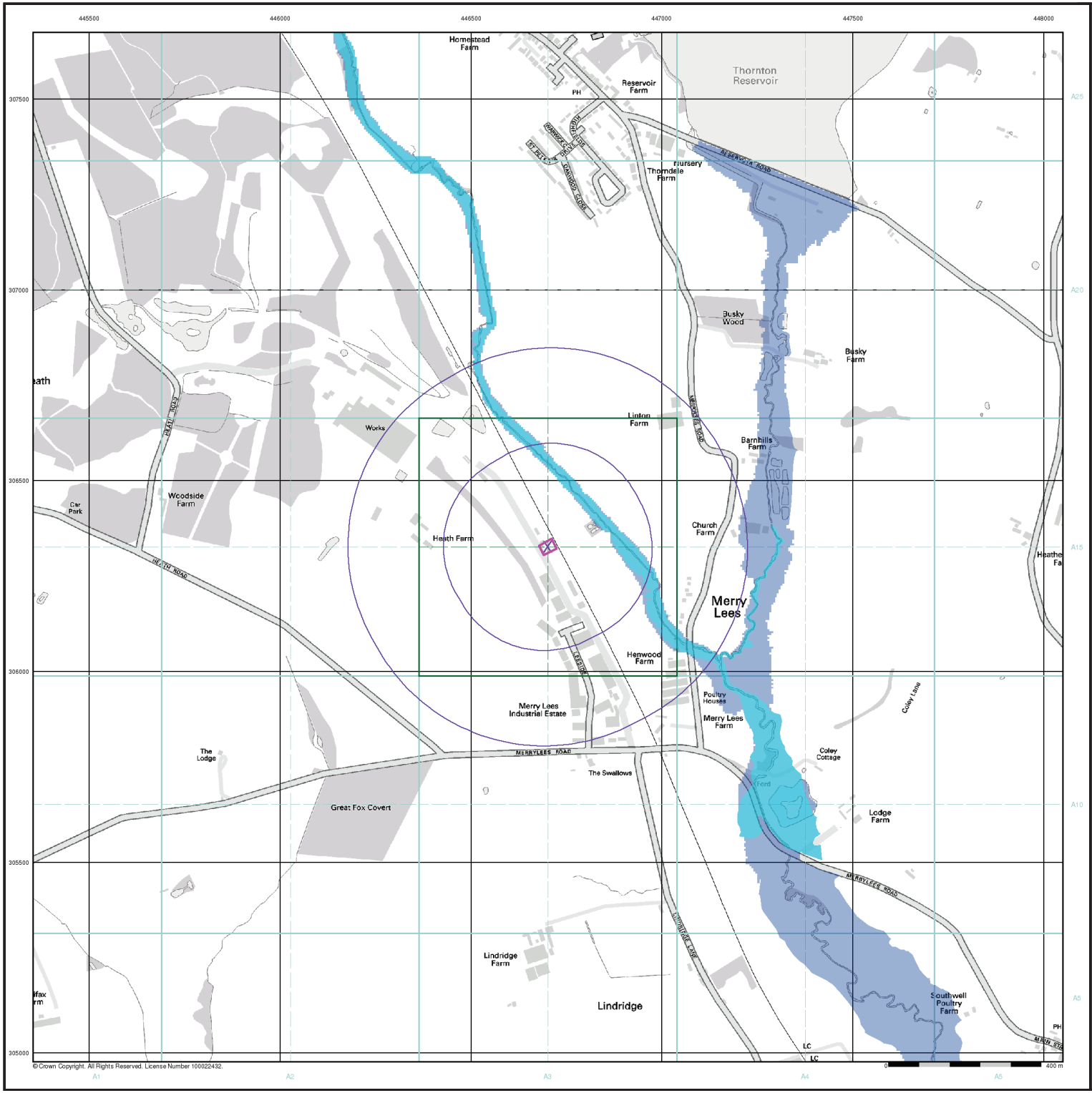
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

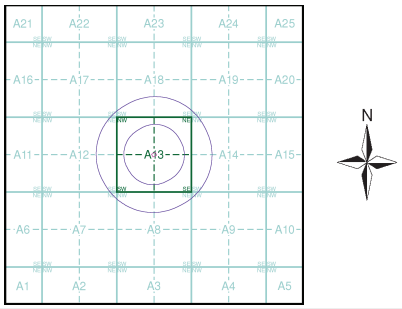
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



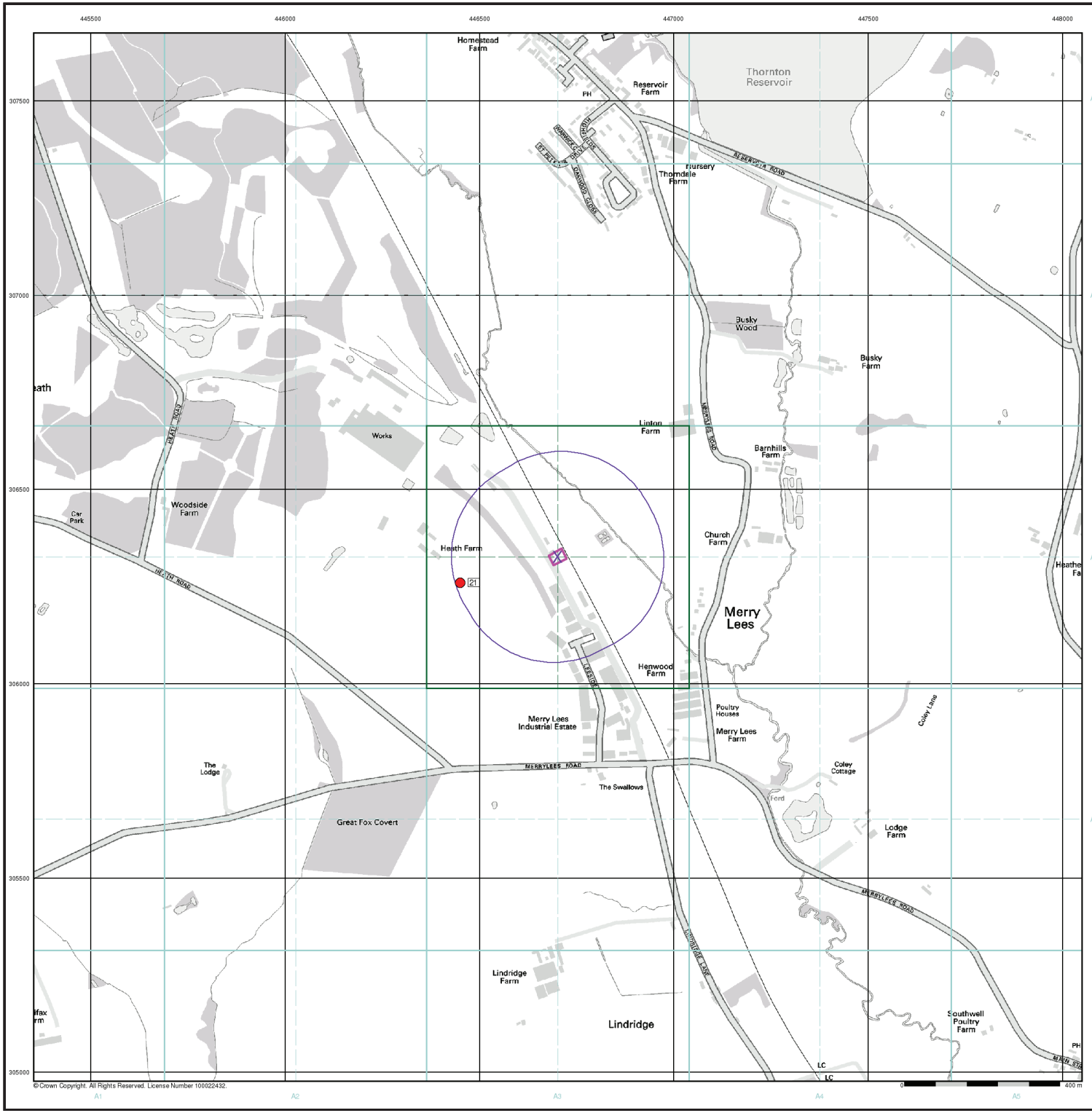
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

General

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

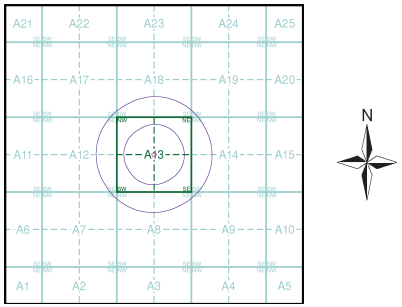
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

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

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

Borehole Map - Slice A



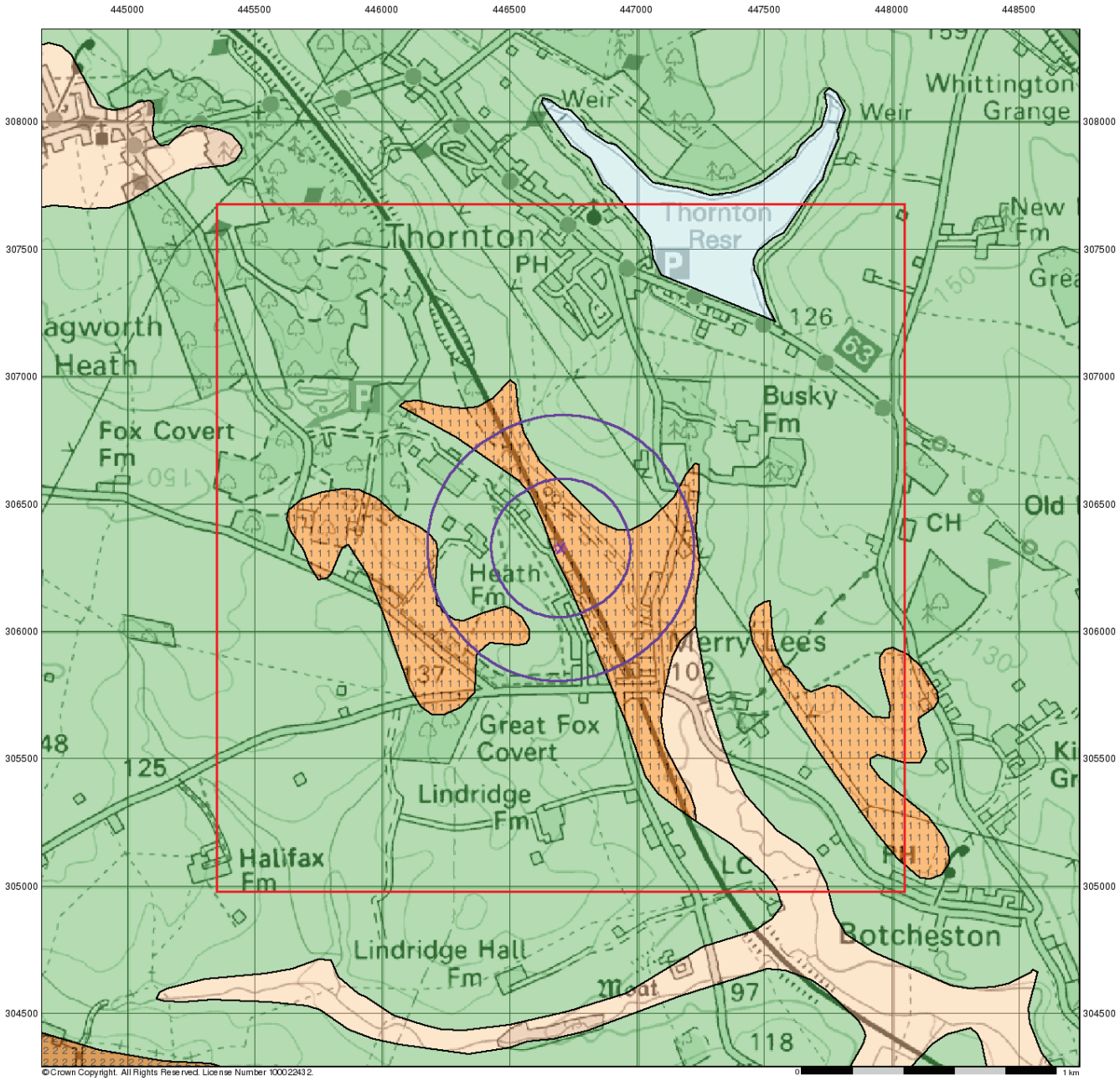
Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

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



Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Groundwater Vulnerability

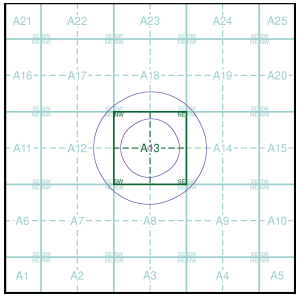
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

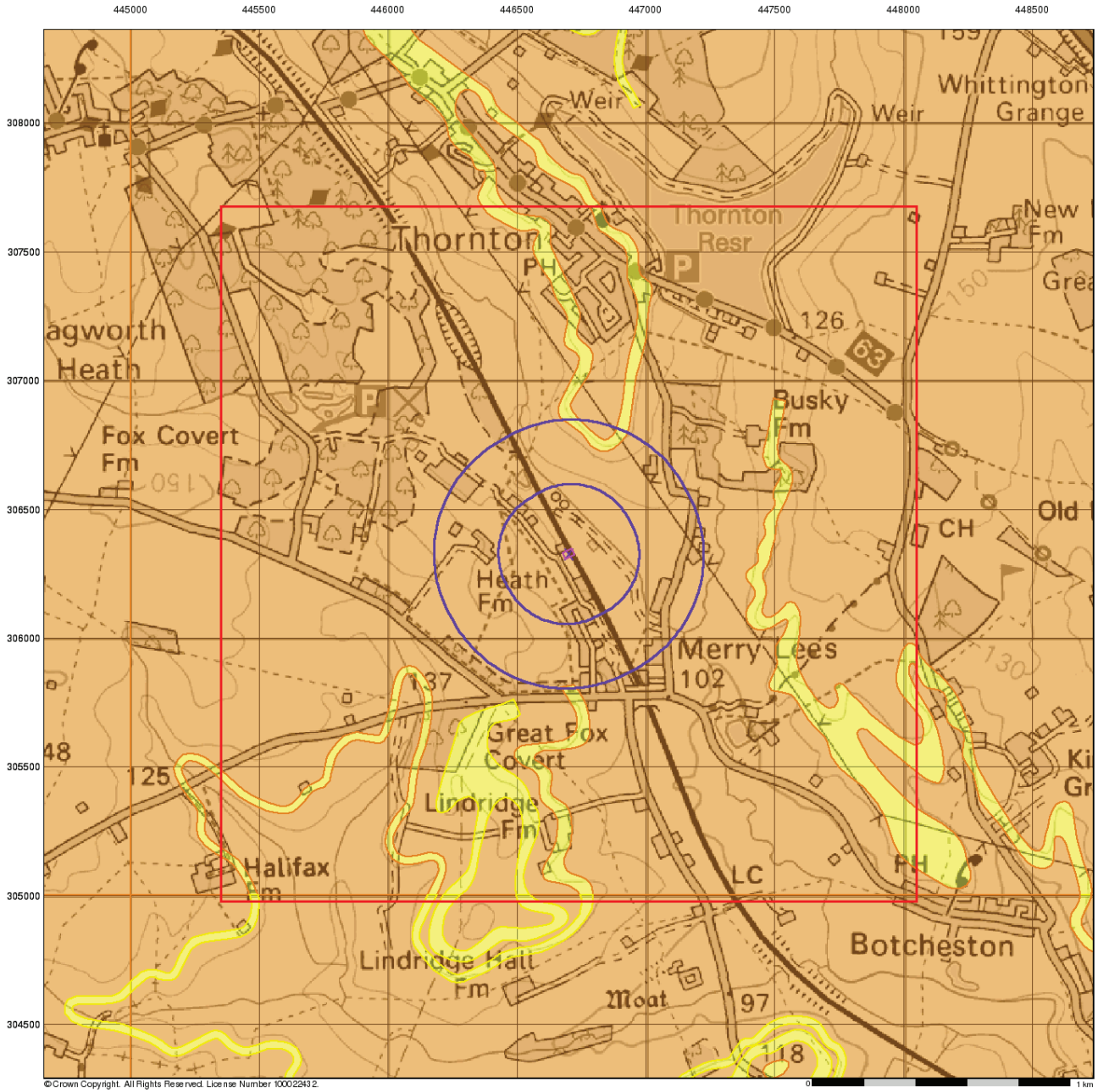


Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS



Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Bedrock Aquifer Designation

General

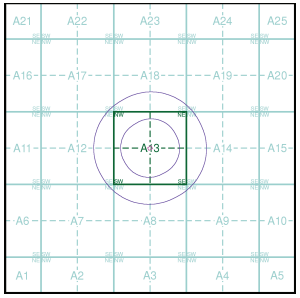
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A

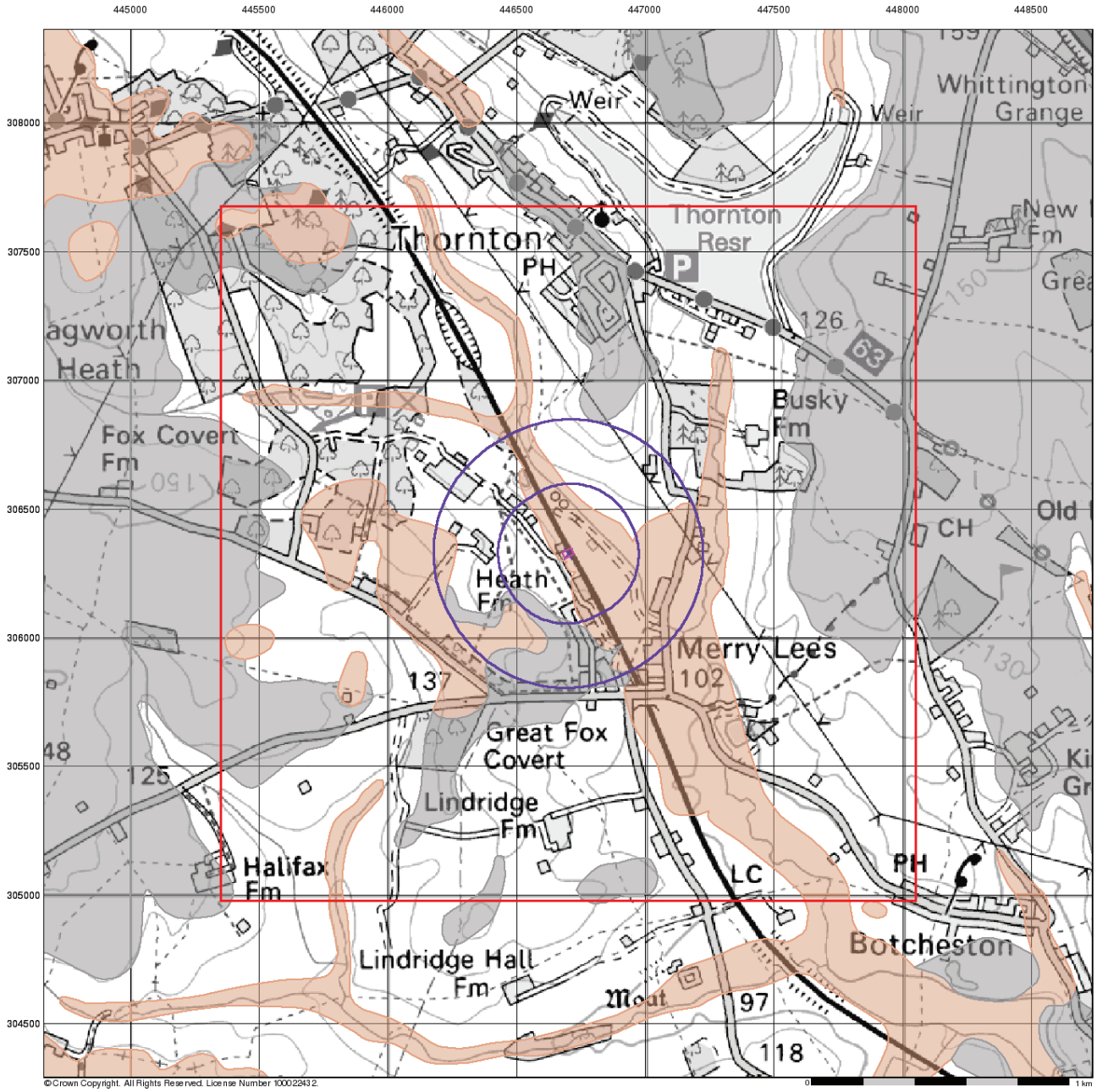


Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS



Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Superficial Aquifer Designation

General

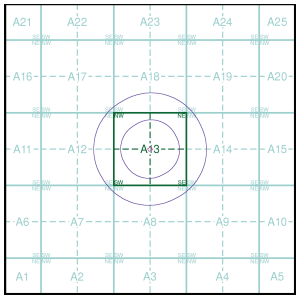
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A

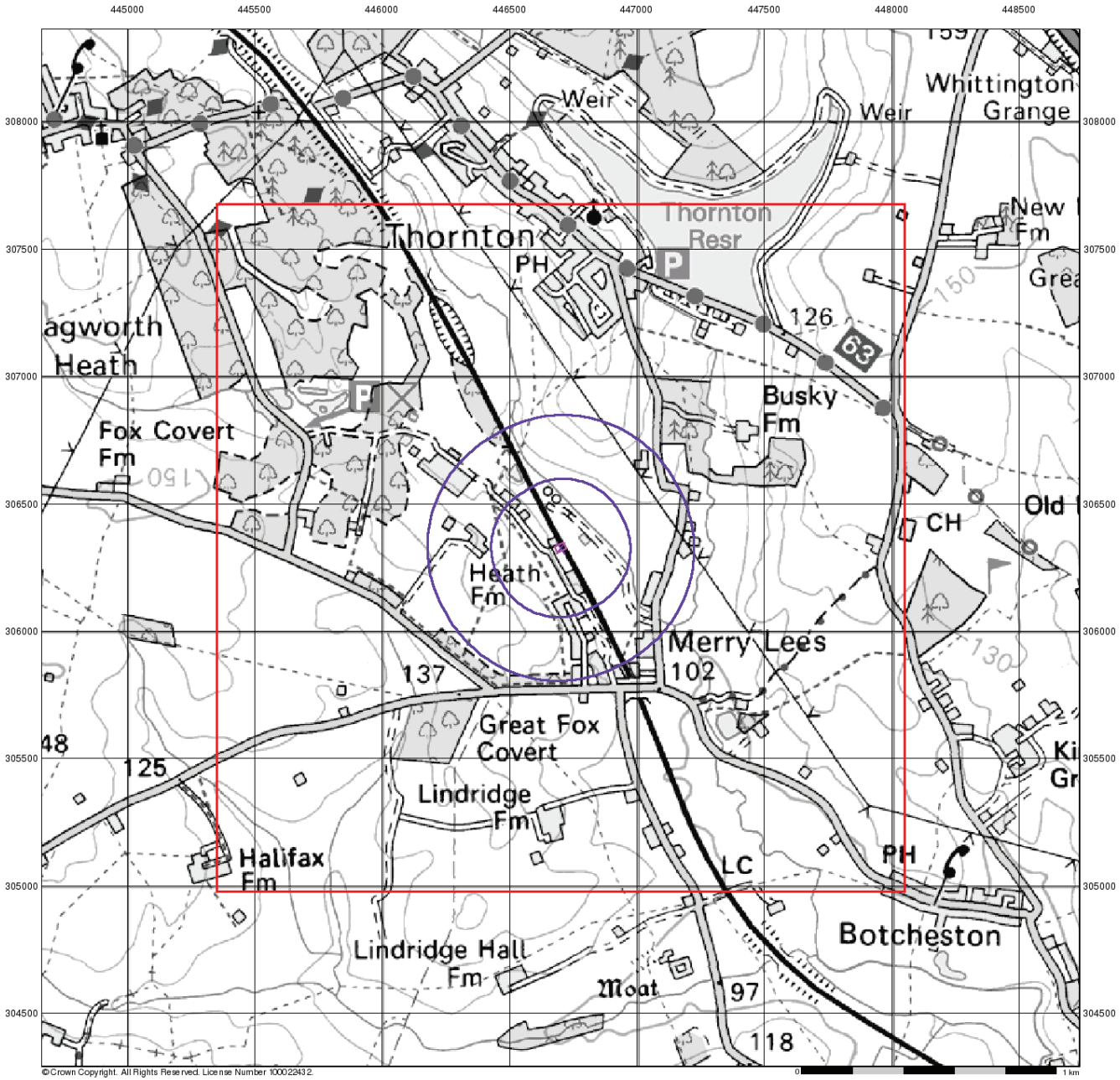


Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS



Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Source Protection Zones

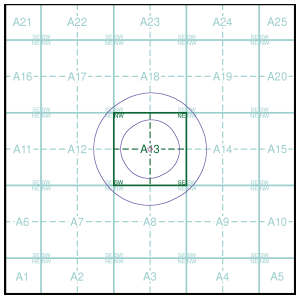
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A

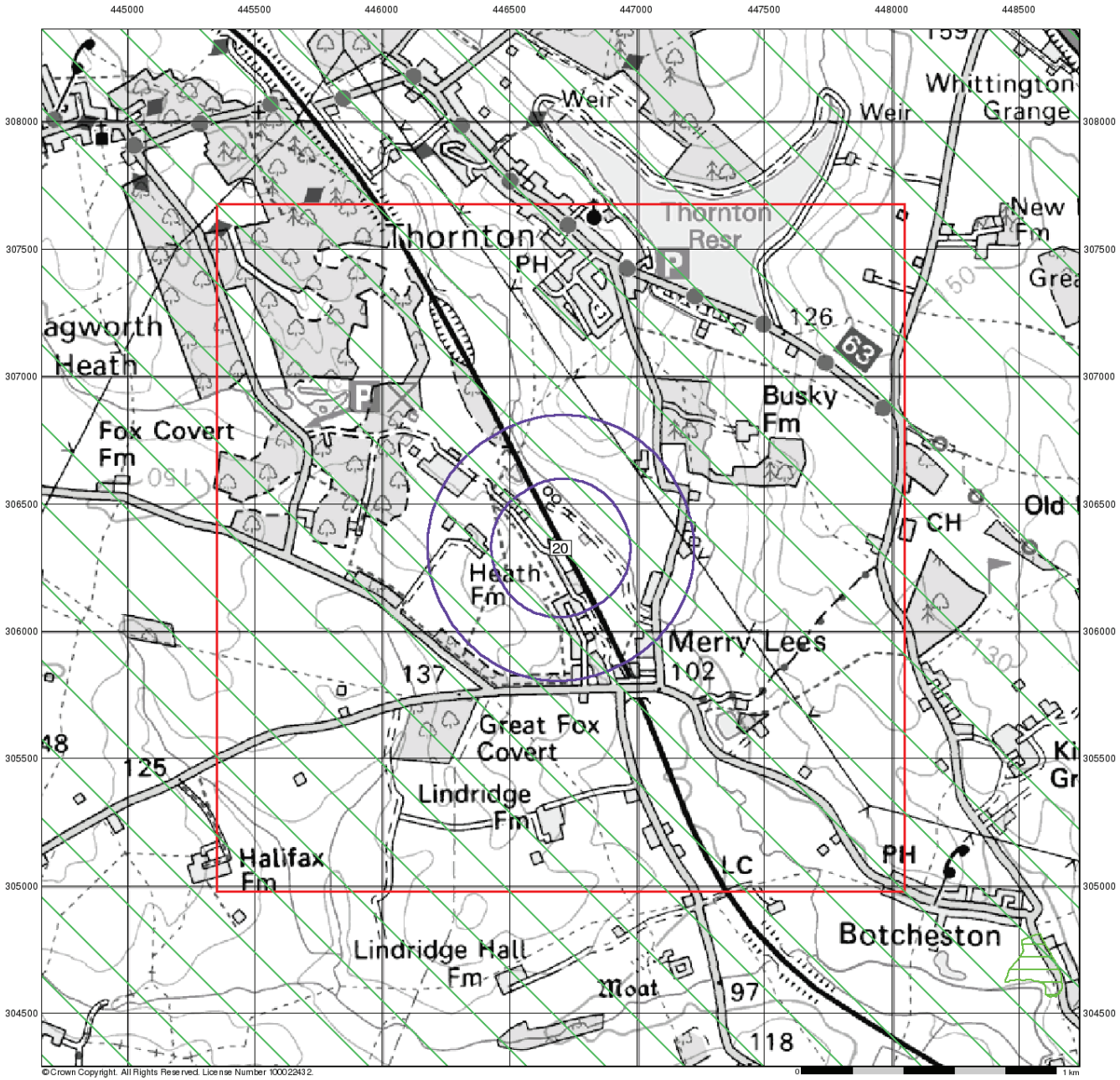


Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS



Nicholls Colton
GEOTECHNICAL
7-11 Harding Street, Leicester LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709

Sensitive Land Uses

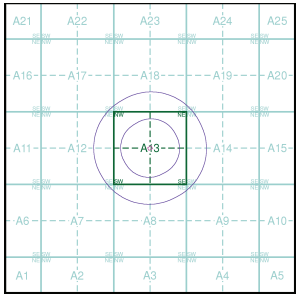
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	34008336_1_1
Customer Ref:	G11037
National Grid Reference:	446700, 306330
Slice:	A
Site Area (Ha):	0.11
Search Buffer (m):	500

Site Details

8 Merrylees Industrial Estate, Leeside, Desford, LEICESTER, LE9 9FS

A P P E N D I X D

Cable Percussion Borehole Logs

NICHOLLS COLTON AND PARTNERS LTD.
Tel: 0116 - 2536333

BOREHOLE RECORD
(Cable Percussion)

Borehole Number **BH1**

Site
Land Adjoining Stokes Industrial Park, Merrylees Road, Desford, Leicestershire.

Client
Mr G. Wilford

Boring diameter: 150 mm to 10.00m
Casing diameter: 150 mm to 5.50m
Logged by: NB
Scale: 1:30

LR: G11037 | Ground Level: | Date: 28/02/2010 | Location: -
Sheet 1 of 2

Samples & Tests Depth (m)	Type	SPT N	Water	Level (m)	Depth (m)	Description	Legend	Install-ation
					0.12	MADE GROUND - fragmented rock hardcore.		
0.20	D 1							
0.30-0.70	B 2				0.30	MADE GROUND - firm red and dark brown sandy gravelly clay with many brick and occasional polythene fragments (gravel is fine to coarse angular to sub-rounded quartz siltstone and occasional slate).		
0.90	D 3				0.90	MADE GROUND - black sandy ash and fine to coarse angular brick and fragmented mixed rock gravel and cobbles.		
1.10	D 4				1.10			
1.20	S	N=9						
1.20-1.65	SD 5							
1.20-1.70	B 6				1.40	Firm red brown locally orange sandy gravelly CLAY (gravel is fine to coarse angular to sub-rounded flint and quartz).		
1.80-2.00	D 7					Soft and firm dark brown sandy slightly gravelly slightly organic CLAY with occasional rootlets and a slight organic odour (gravel is fine to coarse angular to sub-rounded flint and quartz).		
2.00-2.50	B 9							
2.05	S	N=14			2.10			
2.05-2.50	SD 8							
			▼			Orange brown and grey clayey fine to medium SAND and fine to coarse angular to sub-rounded flint and quartz GRAVEL.		
2.60-3.00	D 10				2.60			
						Stiff red brown locally pale grey green CLAY.		
3.00	S	N=10				Firm red brown gravelly CLAY with pockets of fine to medium sand and fine to coarse angular to sub-rounded flint and quartz gravel (gravel is fine to coarse angular to sub-rounded flint and quartz).		
3.00-3.45	SD 11							
3.00-3.50	B 12				3.20			
						Firm red brown slightly gravelly CLAY (gravel is medium to coarse angular to sub-rounded quartz and mudstone).		
4.00	D 13							
			▼					
4.50	D 14				4.50	Stiff friable red brown and pale grey green CLAY with occasional fine to coarse angular mudstone lithorelicts.		
5.00	D 15							
						(continued next sheet)		

Remarks and Water Observations

1. Hand dug starter pit to 1.20m to check for services.
2. Slight groundwater seepages were encountered from 2.50m to 2.80m and 4.50m to 5.30m (both zones sealed off with casing) during boring operations.
3. A Groundwater monitoring pipe (slotted from 4.00m to 10.00m) installed to base of borehole at 10.00m.

NICHOLLS COLTON AND PARTNERS LTD.
Tel: 0116 - 2536333

BOREHOLE RECORD
(Cable Percussion)

Borehole Number **BH1**

Site
Land Adjoining Stokes Industrial Park, Merrylees Road, Desford, Leicestershire.

Client
Mr G. Wilford

Boring diameter: 150 mm to 10.00m
Casing diameter: 150 mm to 5.50m
Logged by: NB
Scale: 1:30

LR: G11037 | Ground Level: | Date: 28/02/2010 | Location: -
Sheet 2 of 2

Samples & Tests Depth (m)	Type	SPT N	Water	Level (m)	Depth (m)	Description	Legend	Install-ation
5.50	D 16					Stiff friable red brown and pale grey green CLAY with occasional fine to coarse angular mudstone lithorelicts.		
6.00	D 17							
6.50	D 18				6.50	Very stiff friable red brown locally pale red brown and grey green CLAY with thin bands of very weak mudstone and occasional siltstone.		
7.00	D 19							
7.50	D 20							
8.00	D 21							
8.50	D 22				8.50	Very stiff friable red brown locally pale grey green CLAY/ very weak MUDSTONE.		
9.00	D 23							
9.50	D 24							
					9.80			
10.00	D 25				10.00	Very weak red brown and pale grey green MUDSTONE.		
						End of Borehole at 10.00 m		

Remarks and Water Observations

1. Hand dug starter pit to 1.20m to check for services.
2. Slight groundwater seepages were encountered from 2.50m to 2.80m and 4.50m to 5.30m (both zones sealed off with casing) during boring operations.
3. A Groundwater monitoring pipe (slotted from 4.00m to 10.00m) installed to base of borehole at 10.00m.

A P P E N D I X E

Trial Pit Logs

NICHOLLS COLTON AND PARTNERS LTD. Tel: 0116 - 2536333	**TRIAL PIT RECORD**	Trial Pit Number **TP1**
Site Land Adjoining Stokes Industrial Park, Merrylees Road, Desford, Leicestershire.		
Client Mr G. Wilford	Method of excavation Mechanical Excavator	Dimensions 0.60m x 2.00m
LR: G11037 Ground Level:	Date: 11/03/2011	Location: -

Logged by: JP
Scale: 1:12
Sheet 1 of 1

Samples & In situ Tests			Water	Level (mAOD)	Depth (m)	Description	Legend	Install-ation
Depth (m)	Type	Result						
					0.05	MADE GROUND - brown slightly clayey slightly organic fine to medium sand/Topsoil.		
0.30	E 1					MADE GROUND - dark brown slightly organic slightly clayey slightly gravelly fine to coarse sand. Gravel is angular to sub-rounded fine to coarse quartz. /Topsoil.		
					0.40			
0.50	E 2					MADE GROUND - firm brown slightly gravelly clay. Gravel is angular to sub-rounded fine to coarse quartz.		
					0.60			
0.70	E 3					MADE GROUND - black sandy ash and clinker.		
					0.95			
1.00	E 4					MADE GROUND - light grey fragmented ;grey siltstone.		
					1.20			
1.40	E 5					Firm brown slightly gravelly CLAY. Gravel is angular to sub-rounded fine to coarse quartz.		
					1.60			
1.80	E 6					Firm light brown sandy slightly gravelly CLAY. Gravel is angular to sub-rounded fine to coarse quartz.		
					2.00	*End of Trial Pit 2.00 m*		

Remarks and Water Observations

1. No groundwater seepages were observed during excavation.
2. Trial pit walls did not collapse during excavation.
3. Trial pit backfilled with arisings upon completion.

NICHOLLS COLTON AND PARTNERS LTD.
Tel: 0116 - 2536333

TRIAL PIT RECORD

Trial Pit Number **TP2**

Site
Land Adjoining Stokes Industrial Park, Merrylees Road, Desford, Leicestershire.

Client	Method of excavation	Dimensions	Logged by: JP
Mr G. Wilford	Mechanical Excavator	0.60m x 2.00m	Scale: 1:12
LR: G11037 Ground Level:	Date: 11/03/2011	Location: -	Sheet 1 of 1

Samples & In situ Tests			Water	Level (mAOD)	Depth (m)	Description	Legend	Install-ation
Depth (m)	Type	Result						
						MADE GROUND - crushed granite hard-core (roadstone) with some fragments of brick.		
					0.25			
0.30	E 1					MADE GROUND - firm brown slightly organic sandy slightly gravelly clay with occasional fragments of brick. Gravel is angular to sub-rounded fine to coarse quartz. /Topsoil.		
					0.50			
0.70	E 2					MADE GROUND - black very sandy slightly gravelly ash and clinker with occasional fragments of brick. Gravel is angular to sub-rounded fine to coarse quartz.		
					1.50			
1.60	E 3					Firm brown slightly gravelly CLAY. Gravel is angular to sub-rounded fine to coarse quartz.		
					1.80			
1.90	E 4					Firm light brown sandy slightly gravelly CLAY. Gravel is angular to sub-rounded fine to coarse quartz.		
					2.00	*End of Trial Pit 2.00 m*		

Remarks and Water Observations
1. No groundwater seepages were observed during excavation.
2. Trial pit walls did not collapse during excavation.
3. Trial pit backfilled with arisings upon completion.

NICHOLLS COLTON AND PARTNERS LTD. Tel: 0116 - 2536333	**TRIAL PIT RECORD**	Trial Pit Number **TP3**
Site Land Adjoining Stokes Industrial Park, Merrylees Road, Desford, Leicestershire.		
Client Mr G. Wilford	Method of excavation Mechanical Excavator	Dimensions 0.60m x 2.00m
LR: G11037 Ground Level:	Date: 11/03/2011	Location: -

Logged by: JP

Scale: 1:12

Sheet 1 of 1

Samples & In situ Tests			Water	Level (mAOD)	Depth (m)	Description	Legend	Install-ation
Depth (m)	Type	Result						
0.20	E 1					MADE GROUND - topsoil.		
					0.30			
0.60	E 2					MADE GROUND - black very ashy gravelly fine to coarse sand with many fragments of clinker and occasional fragments of brick.		
					1.00			
1.20	E 3					Stiff light brown sandy slightly gravelly CLAY. Gravel is angular to sub-rounded fine to coarse quartz.		
					1.50	*End of Trial Pit 1.50 m*		

Remarks and Water Observations

1. No groundwater seepages were observed during excavation.
2. Trial pit walls did not collapse during excavation.
3. Trial pit backfilled with arisings upon completion.

A P P E N D I X F

Laboratory Test Results – Contamination

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

0320

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL SOIL SUITE

MERRYLEES, DESFORD

REPORT NO. G11037-01/001		
ORDER REFERENCE: G11037-01		DATE OF ISSUE:13/04/2011
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5190	HOLE NUMBER:		TP1
SAMPLE MATRIX:		Clay	SAMPLE NUMBER:		E2
MOISTURE CONTENT:	(%)	10	SAMPLE DEPTH:		0.50m
STONE CONTENT:	(%)	5.8	VISUAL DESCRIPTION:		Brown sandy gravelly clay

Acenaphthene	(mg/kg)	< 0.1	Arsenic	(mg/kg)	5.0
Acenaphthylene	(mg/kg)	< 0.1	Cadmium	(mg/kg)	< 2.5
Anthracene	(mg/kg)	< 0.1	Chromium (Total)	(mg/kg)	25.8
Benzo (a) anthracene	(mg/kg)	< 0.1	Copper	(mg/kg)	13.2
Benzo (a) pyrene	(mg/kg)	< 0.1	Lead	(mg/kg)	8.2
Benzo (b) fluoranthene	(mg/kg)	< 0.1	Mercury	(mg/kg)	< 0.7
Benzo (g, h, i) perylene	(mg/kg)	< 0.1	Nickel	(mg/kg)	28.9
Benzo (k) fluoranthene	(mg/kg)	< 0.1	Zinc	(mg/kg)	61.8
Chrysene	(mg/kg)	< 0.1			
Dibenzo (a,h) anthracene	(mg/kg)	< 0.1	PHENOLS CONTENT	(mg/kg)	< 1.1
Fluoranthene	(mg/kg)	0.2			
Fluorene	(mg/kg)	< 0.1	PH VALUE		7.3
Indeno (1, 2, 3,-cd) pyrene	(mg/kg)	< 0.1			
Naphthalene	(mg/kg)	< 0.1	Asbestos Presence		None Detected
Phenanthrene	(mg/kg)	0.1			
Pyrene	(mg/kg)	0.1			
TOTAL PAH CONTENT	(mg/kg)	1.7			

NOTES:
1. Analysis was carried out in accordance with NCA method statements: MS - CL - PAH, MS - CL - Phenols (Skalar), MS - CL - ICP Metals and BS 1377: Parts 1 and 3 : 1990.
2. Testing was carried out on an air dried sample for all tests with the exception of phenols that were determined on an as received sample.
3. Concentrations are reported as a percentage mass of the dry soil passing the 10mm BS test sieve, where appropriate these results have been corrected for moisture content but not stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <30˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
6. Sample was supplied by client.
7. MCERTS accreditation does not cover mercury, anthracene, acenaphthylene, asbestos, total PAH and pH value. All testing is UKAS accredited.
8. Asbestos was subcontracted to AOH.

.....

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

0320

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL SOIL SUITE

MERRYLEES, DESFORD

REPORT NO. G11037-01/002		
ORDER REFERENCE: G11037-01		DATE OF ISSUE:13/04/2011
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5191
SAMPLE MATRIX:		Clay
MOISTURE CONTENT:	(%)	22
STONE CONTENT:	(%)	6.2

HOLE NUMBER:	TP2
SAMPLE NUMBER:	E1
SAMPLE DEPTH:	0.30m
VISUAL DESCRIPTION:	Brown grey sandy gravelly clay with root fragments

Acenaphthene	(mg/kg)	0.9
Acenaphthylene	(mg/kg)	< 0.1
Anthracene	(mg/kg)	1.3
Benzo (a) anthracene	(mg/kg)	3.1
Benzo (a) pyrene	(mg/kg)	2.9
Benzo (b) fluoranthene	(mg/kg)	3.4
Benzo (g, h, i) perylene	(mg/kg)	1.9
Benzo (k) fluoranthene	(mg/kg)	1.4
Chrysene	(mg/kg)	3.2
Dibenzo (a,h) anthracene	(mg/kg)	0.4
Fluoranthene	(mg/kg)	7.8
Fluorene	(mg/kg)	0.5
Indeno (1, 2, 3,-cd) pyrene	(mg/kg)	2.1
Naphthalene	(mg/kg)	0.2
Phenanthrene	(mg/kg)	5.7
Pyrene	(mg/kg)	6.1
TOTAL PAH CONTENT	(mg/kg)	40.9

Arsenic	(mg/kg)	20.1
Cadmium	(mg/kg)	< 2.5
Chromium (Total)	(mg/kg)	40.2
Copper	(mg/kg)	83.9
Lead	(mg/kg)	119
Mercury	(mg/kg)	< 0.7
Nickel	(mg/kg)	42.1
Zinc	(mg/kg)	288

PHENOLS CONTENT	(mg/kg)	< 1.2

PH VALUE	7.1

Asbestos Presence	None Detected

NOTES:
1. Analysis was carried out in accordance with NCA method statements: MS - CL - PAH, MS - CL - Phenols (Skalar), MS - CL - ICP Metals and BS 1377: Parts 1 and 3 : 1990.
2. Testing was carried out on an air dried sample for all tests with the exception of phenols that were determined on an as received sample.
3. Concentrations are reported as a percentage mass of the dry soil passing the 10mm BS test sieve, where appropriate these results have been corrected for moisture content but not stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <30˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
6. Sample was supplied by client.
7. MCERTS accreditation does not cover mercury, anthracene, acenaphthylene, asbestos, total PAH and pH value. All testing is UKAS accredited.
8. Asbestos was subcontracted to AOH.

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

0320

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL SOIL SUITE

MERRYLEES, DESFORD

REPORT NO. G11037-01/003		
ORDER REFERENCE: G11037-01		DATE OF ISSUE: 13/04/2011
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5192
SAMPLE MATRIX:		Sand
MOISTURE CONTENT:	(%)	29
STONE CONTENT:	(%)	3.7

HOLE NUMBER:		TP3
SAMPLE NUMBER:		E2
SAMPLE DEPTH:		0.60m
VISUAL DESCRIPTION:		Black clayey gravelly sand

Acenaphthene	(mg/kg)	0.1
Acenaphthylene	(mg/kg)	< 0.1
Anthracene	(mg/kg)	0.5
Benzo (a) anthracene	(mg/kg)	1.4
Benzo (a) pyrene	(mg/kg)	1.1
Benzo (b) fluoranthene	(mg/kg)	1.7
Benzo (g, h, i) perylene	(mg/kg)	1.0
Benzo (k) fluoranthene	(mg/kg)	0.6
Chrysene	(mg/kg)	1.6
Dibenzo (a,h) anthracene	(mg/kg)	0.2
Fluoranthene	(mg/kg)	3.7
Fluorene	(mg/kg)	0.1
Indeno (1, 2, 3,-cd) pyrene	(mg/kg)	0.8
Naphthalene	(mg/kg)	0.8
Phenanthrene	(mg/kg)	3.0
Pyrene	(mg/kg)	2.9
TOTAL PAH CONTENT	(mg/kg)	19.6

Arsenic	(mg/kg)	25.6
Cadmium	(mg/kg)	< 2.5
Chromium (Total)	(mg/kg)	35.2
Copper	(mg/kg)	148
Lead	(mg/kg)	46.5
Mercury	(mg/kg)	< 0.7
Nickel	(mg/kg)	76.5
Zinc	(mg/kg)	157

PHENOLS CONTENT	(mg/kg)	< 1.3

PH VALUE	7.2

Asbestos Presence	None Detected

NOTES:
1. Analysis was carried out in accordance with NCA method statements: MS - CL - PAH, MS - CL - Phenols (Skalar), MS - CL - ICP Metals and BS 1377: Parts 1 and 3 : 1990.
2. Testing was carried out on an air dried sample for all tests with the exception of phenols that were determined on an as received sample.
3. Concentrations are reported as a percentage mass of the dry soil passing the 10mm BS test sieve, where appropriate these results have been corrected for moisture content but not stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <30˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
6. Sample was supplied by client.
7. MCERTS accreditation does not cover mercury, anthracene, acenaphthylene, asbestos, total PAH and pH value. All testing is UKAS accredited.
8. Asbestos was subcontracted to AOH.

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

0320

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL SOIL ANALYSIS

MERRYLEES, DESFORD

REPORT NO. G11037-01/004		
ORDER REFERENCE: G11037-01		DATE OF ISSUE: 13/04/2011
DATE OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5193	HOLE NUMBER:	TP3
SAMPLE MATRIX:		Clay	SAMPLE NUMBER:	E3
MOISTURE CONTENT:	(%)	15	SAMPLE DEPTH:	1.20m
STONE CONTENT:	(%)	2.2	VISUAL DESCRIPTION:	Red brown slightly sandy gravelly clay

Acenaphthene	(mg/kg)	< 0.1	Arsenic	(mg/kg)	12.3
Acenaphthylene	(mg/kg)	< 0.1	Cadmium	(mg/kg)	< 2.5
Anthracene	(mg/kg)	< 0.1	Chromium (Total)	(mg/kg)	42.5
Benzo (a) anthracene	(mg/kg)	< 0.1	Copper	(mg/kg)	2.0
Benzo (a) pyrene	(mg/kg)	< 0.1	Lead	(mg/kg)	4.0
Benzo (b) fluoranthene	(mg/kg)	< 0.1	Mercury	(mg/kg)	< 0.7
Benzo (g, h, i) perylene	(mg/kg)	< 0.1	Nickel	(mg/kg)	39.5
Benzo (k) fluoranthene	(mg/kg)	< 0.1	Zinc	(mg/kg)	74.7
Chrysene	(mg/kg)	< 0.1			
Dibenzo (a,h) anthracene	(mg/kg)	< 0.1	PHENOLS CONTENT	(mg/kg)	< 1.2
Fluoranthene	(mg/kg)	< 0.1			
Fluorene	(mg/kg)	< 0.1	PH VALUE		7.5
Indeno (1, 2, 3,-cd) pyrene	(mg/kg)	< 0.1			
Naphthalene	(mg/kg)	< 0.1			
Phenanthrene	(mg/kg)	< 0.1			
Pyrene	(mg/kg)	< 0.1			
TOTAL PAH CONTENT	(mg/kg)	< 1.6			

NOTES:
1. Analysis was carried out in accordance with NCA method statements: MS - CL - PAH, MS - CL - Phenols (Skalar), MS - CL - ICP Metals and BS 1377: Parts 1 and 3 : 1990.
2. Testing was carried out on an air dried sample for all tests with the exception of phenols that were determined on an as received sample.
3. Concentrations are reported as a percentage mass of the dry soil passing the 10mm BS test sieve, where appropriate these results have been corrected for moisture content but not stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <30˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
6. Sample was supplied by client.
7. MCERTS accreditation does not cover mercury, anthracene, acenaphthylene, total PAH and pH value. All testing is UKAS accredited.

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

0320

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL SOIL SUITE

MERRYLEES, DESFORD

REPORT NO. G11037-01/005		
ORDER REFERENCE: G11037-01	DATE OF ISSUE:13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5194
SAMPLE MATRIX:		Sand
MOISTURE CONTENT:	(%)	26
STONE CONTENT:	(%)	4.9

HOLE NUMBER:	BH1
SAMPLE NUMBER:	E2
SAMPLE DEPTH:	0.30-0.70m
VISUAL DESCRIPTION:	Black clayey gravelly sand

Acenaphthene	(mg/kg)	< 0.1
Acenaphthylene	(mg/kg)	< 0.1
Anthracene	(mg/kg)	< 0.1
Benzo (a) anthracene	(mg/kg)	0.2
Benzo (a) pyrene	(mg/kg)	0.2
Benzo (b) fluoranthene	(mg/kg)	0.2
Benzo (g, h, i) perylene	(mg/kg)	0.1
Benzo (k) fluoranthene	(mg/kg)	0.1
Chrysene	(mg/kg)	0.2
Dibenzo (a,h) anthracene	(mg/kg)	< 0.1
Fluoranthene	(mg/kg)	0.4
Fluorene	(mg/kg)	< 0.1
Indeno (1, 2, 3,-cd) pyrene	(mg/kg)	< 0.1
Naphthalene	(mg/kg)	< 0.1
Phenanthrene	(mg/kg)	0.2
Pyrene	(mg/kg)	0.3
TOTAL PAH CONTENT	(mg/kg)	2.5

Arsenic	(mg/kg)	23.1
Cadmium	(mg/kg)	< 2.5
Chromium (Total)	(mg/kg)	24.2
Copper	(mg/kg)	130
Lead	(mg/kg)	44.2
Mercury	(mg/kg)	< 0.7
Nickel	(mg/kg)	568
Zinc	(mg/kg)	214

PHENOLS CONTENT	(mg/kg)	< 1.3

PH VALUE	7.1

Asbestos Presence	None Detected

NOTES:
1. Analysis was carried out in accordance with NCA method statements: MS - CL - PAH, MS - CL - Phenols (Skalar), MS - CL - ICP Metals and BS 1377: Parts 1 and 3 : 1990.
2. Testing was carried out on an air dried sample for all tests with the exception of phenols that were determined on an as received sample.
3. Concentrations are reported as a percentage mass of the dry soil passing the 10mm BS test sieve, where appropriate these results have been corrected for moisture content but not stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <30˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
6. Sample was supplied by client.
7. MCERTS accreditation does not cover mercury, anthracene, acenaphthylene, asbestos, total PAH and pH value. All testing is UKAS accredited.
8. Asbestos was subcontracted to AOH.

.....

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

SCRUBBED TOTAL PETROLEUM HYDROCARBON CONTENT

MERRYLEES, DESFORD

REPORT NO. G11037-01/006		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 13/04/2011

NCA SAMPLE REFERENCE	CLIENT SAMPLE REFERENCE	SAMPLE LOCATION	SAMPLE DEPTH: (M)	SAMPLE MATRIX	VISUAL DESCRIPTION	MOISTURE CONTENT (%)	STONE CONTENT (%)	TPH (>C_8 to C_{40})
11-5191	TP2	E1	0.30	Clay	Brown grey sandy gravelly clay with root fragments	22	6.2	447
11-5152	TP3	E2	0.60	Sand	Black clayey gravelly sand	29	3.7	477
11-5193	TP3	E3	1.20	Clay	Red brown slightly sandy gravelly clay	15	2.2	52.8

NOTES:
1. Analysis was carried out in accordance with NCA method statement: MS - CL - TPH.
2. Testing was carried out on an as received sample.
3. The concentration of TPH is reported as a percentage mass of the dry soil passing a 10mm BS test sieve, this result has been corrected for moisture content but not for stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <105˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on a 10mm BS test sieve.
6. Sample was supplied by client.
7. Sample was subject to a scrubbing 'clean-up' step prior to analysis.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

SEMI VOLATILE ORGANIC COMPOUNDS

MERRYLESS, DESFORD

REPORT NO. G11037-01/007		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5191
SAMPLE MATRIX:		Clay
MOISTURE CONTENT:	(%)	22
STONE CONTENT:	(%)	6.2

CLIENT SAMPLE REFERENCE:	TP2
SAMPLE LOCATION:	E1
SAMPLE DEPTH:	0.30m
VISUAL DESCRIPTION:	Brown grey sandy gravelly clay with occasional root fragments

Phenol	(mg/l)	< 2.0
bis(2-Chloroethyl)ether	(mg/l)	< 0.5
2-Chlorophenol	(mg/l)	< 2.0
1,3-Dichlorobenzene	(mg/l)	< 0.5
1,4-Dichlorobenzene	(mg/l)	< 0.5
Benzyl alcohol	(mg/l)	< 0.5
1,2-Dichlorobenzene	(mg/l)	< 0.5
2-Methylphenol	(mg/l)	< 0.5
bis(2-Chloroisopropyl)ether	(mg/l)	< 0.5
Hexachloroethane	(mg/l)	< 0.5
N-Nitroso-di-n-propylamine	(mg/l)	< 0.5
3- & 4-Methylphenol	(mg/l)	< 2.0
Nitrobenzene	(mg/l)	< 0.5
Isophorone	(mg/l)	< 0.5
2-Nitrophenol	(mg/l)	< 2.0
2,4-Dimethylphenol	(mg/l)	< 2.0
Benzoic Acid	(mg/l)	< 2.0
bis(2-Chloroethoxy)methane	(mg/l)	< 0.5
2,4-Dichlorophenol	(mg/l)	< 2.0
1,2,4-Trichlorobenzene	(mg/l)	< 0.5
Naphthalene	(mg/l)	< 2.0
4-Chlorophenol	(mg/l)	< 2.0
4-Chloroaniline	(mg/l)	< 0.5

Hexachlorobutadiene	(mg/l)	< 0.5
4-Chloro-3-methylphenol	(mg/l)	< 0.5
2-Methylnaphthalene	(mg/l)	< 2.0
1-Methylnaphthalene	(mg/l)	< 2.0
Hexachlorocyclopentadiene	(mg/l)	< 0.5
2,4,6-Trichlorophenol	(mg/l)	< 2.0
2,4,5-Trichlorophenol	(mg/l)	< 2.0
2-Chloronaphthalene	(mg/l)	< 2.0
Biphenyl	(mg/l)	< 2.0
Diphenyl ether	(mg/l)	< 2.0
2-Nitroaniline	(mg/l)	< 0.5
Acenaphthylene	(mg/l)	< 2.0
Dimethylphthalate	(mg/l)	< 0.5
2,6-Dinitrotoluene	(mg/l)	< 2.0
Acenaphthene	(mg/l)	< 2.0
3-Nitroaniline	(mg/l)	< 0.5
2,4-Dinitrophenol	(mg/l)	< 2.0
Dibenzofuran	(mg/l)	<0.5
4-Nitrophenol	(mg/l)	< 5.0
2,4-Dinitrotoluene	(mg/l)	< 0.5
Fluorene	(mg/l)	< 0.2
Diethylphthalate	(mg/l)	< 2.0
4-Chlorophenyl-phenylether	(mg/l)	< 0.5

4,6-Dinitro-2-methylphenol	(mg/l)	< 2.0
4-Nitroaniline	(mg/l)	< 0.5
N-Nitrosodiphenylamine	(mg/l)	< 0.5
4-Bromophenyl-phenylether	(mg/l)	< 0.5
Hexachlorobenzene	(mg/l)	< 0.5
Pentachlorophenol	(mg/l)	0.4
Phenanthrene	(mg/l)	0.4
Anthracene	(mg/l)	< 5.0
Di-n-butylphthalate	(mg/l)	< 2.0
Fluoranthene	(mg/l)	0.6
Pyrene	(mg/l)	0.5
Butylbenzylphthalate	(mg/l)	< 5.0
Benzo[a]anthracene	(mg/l)	0.3
Chrysene	(mg/l)	0.3
3,3'-Dichlorobenzidine	(mg/l)	< 2.0
bis(2-Ethylhexyl)phthalate	(mg/l)	< 5.0
Di-n-octylphthalate	(mg/l)	< 2.0
Benzo[b]fluoranthene	(mg/l)	0.6
Benzo[k]fluoranthene	(mg/l)	0.5
Benzo[a]pyrene	(mg/l)	0.3
Indeno[1,2,3-cd]pyrene	(mg/l)	0.2
Dibenzo[a,h]anthracene	(mg/l)	< 2.0
Benzo[g,h,i]perylene	(mg/l)	0.2

NOTES:
1. Analysis was subcontracted to Scientifics.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

SEMI VOLATILE ORGANIC COMPOUNDS

MERRYLESS, DESFORD

REPORT NO. G11037-01/008		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5192
SAMPLE MATRIX:		Sand
MOISTURE CONTENT:	(%)	28
STONE CONTENT:	(%)	3.7

CLIENT SAMPLE REFERENCE:	TP3
SAMPLE LOCATION:	E2
SAMPLE DEPTH:	0.60m
VISUAL DESCRIPTION:	Black clayey gravelly sand

Phenol	(mg/l)	< 2.0
bis(2-Chloroethyl)ether	(mg/l)	< 0.5
2-Chlorophenol	(mg/l)	< 2.0
1,3-Dichlorobenzene	(mg/l)	< 0.5
1,4-Dichlorobenzene	(mg/l)	< 0.5
Benzyl alcohol	(mg/l)	< 0.5
1,2-Dichlorobenzene	(mg/l)	< 0.5
2-Methylphenol	(mg/l)	< 0.5
bis(2-Chloroisopropyl)ether	(mg/l)	< 0.5
Hexachloroethane	(mg/l)	< 0.5
N-Nitroso-di-n-propylamine	(mg/l)	< 0.5
3- & 4-Methylphenol	(mg/l)	< 2.0
Nitrobenzene	(mg/l)	< 0.5
Isophorone	(mg/l)	< 0.5
2-Nitrophenol	(mg/l)	< 2.0
2,4-Dimethylphenol	(mg/l)	< 2.0
Benzoic Acid	(mg/l)	< 10.0
bis(2-Chloroethoxy)methane	(mg/l)	< 0.5
2,4-Dichlorophenol	(mg/l)	< 2.0
1,2,4-Trichlorobenzene	(mg/l)	< 5.0
Naphthalene	(mg/l)	< 0.2
4-Chlorophenol	(mg/l)	< 2.0
4-Chloroaniline	(mg/l)	< 5.0

Hexachlorobutadiene	(mg/l)	< 5.0
4-Chloro-3-methylphenol	(mg/l)	< 5.0
2-Methylnaphthalene	(mg/l)	< 0.2
1-Methylnaphthalene	(mg/l)	< 0.2
Hexachlorocyclopentadiene	(mg/l)	< 0.5
2,4,6-Trichlorophenol	(mg/l)	< 2.0
2,4,5-Trichlorophenol	(mg/l)	< 2.0
2-Chloronaphthalene	(mg/l)	< 0.2
Biphenyl	(mg/l)	< 0.2
Diphenyl ether	(mg/l)	< 0.2
2-Nitroaniline	(mg/l)	< 0.5
Acenaphthylene	(mg/l)	< 0.2
Dimethylphthalate	(mg/l)	< 0.5
2,6-Dinitrotoluene	(mg/l)	< 0.5
Acenaphthene	(mg/l)	< 0.2
3-Nitroaniline	(mg/l)	< 0.5
2,4-Dinitrophenol	(mg/l)	< 1.0
Dibenzofuran	(mg/l)	< 0.5
4-Nitrophenol	(mg/l)	< 5.0
2,4-Dinitrotoluene	(mg/l)	< 0.5
Fluorene	(mg/l)	< 0.2
Diethylphthalate	(mg/l)	< 0.5
4-Chlorophenyl-phenylether	(mg/l)	< 0.5

4,6-Dinitro-2-methylphenol	(mg/l)	< 5.0
4-Nitroaniline	(mg/l)	< 0.5
N-Nitrosodiphenylamine	(mg/l)	< 0.5
4-Bromophenyl-phenylether	(mg/l)	< 0.5
Hexachlorobenzene	(mg/l)	< 0.5
Pentachlorophenol	(mg/l)	< 0.5
Phenanthrene	(mg/l)	1.3
Anthracene	(mg/l)	1.3
Di-n-butylphthalate	(mg/l)	< 0.5
Fluoranthene	(mg/l)	2.5
Pyrene	(mg/l)	2.1
Butylbenzylphthalate	(mg/l)	< 0.5
Benzo[a]anthracene	(mg/l)	2.0
Chrysene	(mg/l)	2.0
3,3'-Dichlorobenzidine	(mg/l)	< 2.0
bis(2-Ethylhexyl)phthalate	(mg/l)	< 0.5
Di-n-octylphthalate	(mg/l)	< 0.2
Benzo[b]fluoranthene	(mg/l)	1.7
Benzo[k]fluoranthene	(mg/l)	1.7
Benzo[a]pyrene	(mg/l)	0.9
Indeno[1,2,3-cd]pyrene	(mg/l)	0.7
Dibenzo[a,h]anthracene	(mg/l)	0.3
Benzo[g,h,i]perylene	(mg/l)	0.7

NOTES:
1. Analysis was subcontracted to Scientifics.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

SEMI VOLATILE ORGANIC COMPOUNDS

MERRYLESS, DESFORD

REPORT NO. G11037-01/009		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5193
SAMPLE MATRIX:		Clay
MOISTURE CONTENT:	(%)	15
STONE CONTENT:	(%)	2.2

CLIENT SAMPLE REFERENCE:	TP3
SAMPLE LOCATION:	E3
SAMPLE DEPTH:	1.20m
VISUAL DESCRIPTION:	Red brown slightly sandy gravelly clay

Phenol	(mg/l)	< 0.2
bis(2-Chloroethyl)ether	(mg/l)	< 0.5
2-Chlorophenol	(mg/l)	< 0.2
1,3-Dichlorobenzene	(mg/l)	< 0.5
1,4-Dichlorobenzene	(mg/l)	< 0.5
Benzyl alcohol	(mg/l)	< 0.5
1,2-Dichlorobenzene	(mg/l)	< 0.5
2-Methylphenol	(mg/l)	< 0.5
bis(2-Chloroisopropyl)ether	(mg/l)	< 0.5
Hexachloroethane	(mg/l)	< 0.5
N-Nitroso-di-n-propylamine	(mg/l)	< 0.5
3- & 4-Methylphenol	(mg/l)	< 0.2
Nitrobenzene	(mg/l)	< 0.5
Isophorone	(mg/l)	< 0.5
2-Nitrophenol	(mg/l)	< 0.2
2,4-Dimethylphenol	(mg/l)	< 0.2
Benzoic Acid	(mg/l)	< 10.0
bis(2-Chloroethoxy)methane	(mg/l)	< 0.5
2,4-Dichlorophenol	(mg/l)	< 0.2
1,2,4-Trichlorobenzene	(mg/l)	< 0.5
Naphthalene	(mg/l)	< 0.2
4-Chlorophenol	(mg/l)	< 2.0
4-Chloroaniline	(mg/l)	< 0.5

Hexachlorobutadiene	(mg/l)	< 0.5
4-Chloro-3-methylphenol	(mg/l)	< 0.5
2-Methylnaphthalene	(mg/l)	< 0.2
1-Methylnaphthalene	(mg/l)	< 0.2
Hexachlorocyclopentadiene	(mg/l)	< 0.5
2,4,6-Trichlorophenol	(mg/l)	< 2.0
2,4,5-Trichlorophenol	(mg/l)	< 2.0
2-Chloronaphthalene	(mg/l)	< 0.2
Biphenyl	(mg/l)	< 0.2
Diphenyl ether	(mg/l)	< 0.2
2-Nitroaniline	(mg/l)	< 0.5
Acenaphthylene	(mg/l)	< 0.2
Dimethylphthalate	(mg/l)	< 0.5
2,6-Dinitrotoluene	(mg/l)	< 0.5
Acenaphthene	(mg/l)	< 0.2
3-Nitroaniline	(mg/l)	< 0.5
2,4-Dinitrophenol	(mg/l)	< 1.0
Dibenzofuran	(mg/l)	< 0.5
4-Nitrophenol	(mg/l)	< 5.0
2,4-Dinitrotoluene	(mg/l)	< 0.5
Fluorene	(mg/l)	< 0.2
Diethylphthalate	(mg/l)	< 0.5
4-Chlorophenyl-phenylether	(mg/l)	< 0.5

4,6-Dinitro-2-methylphenol	(mg/l)	< 5.0
4-Nitroaniline	(mg/l)	< 0.5
N-Nitrosodiphenylamine	(mg/l)	< 0.5
4-Bromophenyl-phenylether	(mg/l)	< 0.5
Hexachlorobenzene	(mg/l)	< 0.5
Pentachlorophenol	(mg/l)	< 5.0
Phenanthrene	(mg/l)	< 0.2
Anthracene	(mg/l)	< 0.2
Di-n-butylphthalate	(mg/l)	< 0.5
Fluoranthene	(mg/l)	< 0.2
Pyrene	(mg/l)	< 0.2
Butylbenzylphthalate	(mg/l)	< 0.5
Benzo[a]anthracene	(mg/l)	< 0.2
Chrysene	(mg/l)	< 0.2
3,3'-Dichlorobenzidine	(mg/l)	< 2.0
bis(2-Ethylhexyl)phthalate	(mg/l)	< 0.5
Di-n-octylphthalate	(mg/l)	< 0.2
Benzo[b]fluoranthene	(mg/l)	< 0.2
Benzo[k]fluoranthene	(mg/l)	< 0.2
Benzo[a]pyrene	(mg/l)	< 0.2
Indeno[1,2,3-cd]pyrene	(mg/l)	< 0.2
Dibenzo[a,h]anthracene	(mg/l)	< 0.2
Benzo[g,h,i]perylene	(mg/l)	< 0.2

NOTES:
1. Analysis was subcontracted to Scientifics.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

PCB'S ANALYSIS

MERRYLEES, DESFORD

REPORT NO. G11037-01/010		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5191	11-5192	11-5193
HOLE NUMBER:		TP2	TP3	TP3
SAMPLE NUMBER:		E1	E2	E3
SAMPLE DEPTH:		0.30	0.60	1.20
SAMPLE MATRIX:		Clay	Sand	Clay
VISUAL DESCRIPTION:		Brown grey slightly gravelly clay	Black clayey gravelly sand	Red brown slightly sandy gravelly clay
MOISTURE CONTENT:	(%)	22	29	15
STONE CONTENT:	(%)	6.2	3.7	2.2
PCB 28	(mg/kg)	<0.040	<0.040	<0.040
PCB 52	(mg/kg)	<0.040	<0.040	<0.040
PCB 101	(mg/kg)	<0.040	<0.040	<0.040
PCB 118	(mg/kg)	<0.040	<0.040	<0.040
PCB 153	(mg/kg)	<0.040	<0.040	<0.040
PCB 138	(mg/kg)	<0.040	<0.040	<0.040
PCB 180	(mg/kg)	<0.040	<0.040	<0.040
Total PCB's	(mg/kg)	<0.280	<0.280	<0.280

NOTES:
1. Analysis was carried out in accordance with NCA method statements: MS - CL - PCB's.
2. Testing was carried out on an air dried sample for all tests.
3. Concentrations are reported as a percentage mass of the dry soil passing the 10mm BS test sieve, where appropriate these results have been corrected for moisture content but not stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <30˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
6. Sample was supplied by client.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

SPECIATED TOTAL PETROLEUM HYDROCARBON CONTENT

MERRYLEES, DESFORD

REPORT NO. G11037-01/011		
ORDER REFERENCE: G11023-AA	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING:29/03 TO 13/04/2011

NCA Sample Reference:	Client Sample Reference:	Sample Location:	Sample Depth: (m)	Sample Matrix:	Visual Description:	Moisture Content: (%)	Stone Content: (%)	Aliphatics (mg/kg)							Aromatics (mg/kg)						
								>C_5 to C_6	>C_6 to C_8	>C_8 to C_{10}	>C_{10} to C_{12}	>C_{12} to C_{16}	>C_{16} to C_{21}	>C_{21} to C_{35}	>C_5 to C_7	>C_7 to C_8	>C_8 to C_{10}	>C_{10} to C_{12}	>C_{12} to C_{16}	>C_{16} to C_{21}	>C_{21} to C_{35}
11-5190	TP1	E2	0.50	Clay	Brown sandy gravelly clay	10	5.8	< 0.01	< 0.01	< 0.01	<11	<11	<11	23	< 0.01	< 0.01	< 0.01	< 11	< 11	< 11	28
11-5194	BH1	E2	0.30-0.70	Sand	Black clayey gravelly sand	26	4.9	< 0.01	< 0.01	< 0.01	< 13	27	47	17	< 0.01	< 0.01	< 0.01	< 13	30	74	260

NOTES:
1. Analysis for EPH was carried out in accordance with NCA method statements: MS - CL - EPH and MS-CL-VPH.
2. Testing was carried out on an as received sample.
3. Concentrations are reported as a percentage mass of the dry soil passing a 10mm BS test sieve, this result has been corrected for moisture content but not for stone content.
4. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep, oven dried at <105˚C.
5. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on a 10mm BS test sieve.
6. Sample was supplied by client.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL LEACHATE ANALYSIS

MERRYLEES, DESFORD

REPORT NO. G11037-01/012		
ORDER REFERENCE: G11023-AA	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5190
SAMPLE MATRIX:		Clay
MOISTURE CONTENT:	(%)	10
STONE CONTENT:	(%)	5.8

HOLE NUMBER:	TP1
SAMPLE NUMBER:	E2
SAMPLE DEPTH:	0.50m
VISUAL DESCRIPTION:	Brown sandy gravelly clay

Acenaphthene	(µg/l)	< 0.05
Acenaphthylene	(µg/l)	< 0.01
Anthracene	(µg/l)	< 0.01
Benzo (a) anthracene	(µg/l)	< 0.01
Benzo (a) pyrene	(µg/l)	< 0.01
Benzo (b) fluoranthene	(µg/l)	< 0.01
Benzo (g, h, i) perylene	(µg/l)	< 0.01
Benzo (k) fluoranthene	(µg/l)	< 0.01
Chrysene	(µg/l)	< 0.01
Dibenzo (a,h) anthracene	(µg/l)	< 0.01
Fluoranthene	(µg/l)	< 0.01
Fluorene	(µg/l)	< 0.01
Indeno (1, 2, 3,-cd) pyrene	(µg/l)	< 0.01
Naphthalene	(µg/l)	< 0.26
Phenanthrene	(µg/l)	< 0.01
Pyrene	(µg/l)	< 0.01
TOTAL PAH CONTENT	(µg/l)	< 0.47

Arsenic	(µg/l)	16.2
Cadmium	(µg/l)	< 2.5
Chromium (Total)	(µg/l)	3.6
Copper	(µg/l)	3.8
Lead	(µg/l)	< 1.0
Mercury	(µg/l)	< 1.0
Nickel	(µg/l)	< 2.5
Zinc	(µg/l)	15.2

PH VALUE		7.8
PHENOL INDEX	(mg/l)	< 0.1

NOTES:
1. Leaching was carried out in accordance with NRA R&D note 301 using a 10 : 1 by wet mass of sample extraction ratio.
2. Results have not been corrected for the extraction ratio with regards to the moisture content of the soil.
3. Results have not been calculated or reported as 'mg of contaminant leached per kg of soil at natural moisture content' as required by the NRA. This information is available on request.
4. Analysis was carried out in accordance with NCA method statements: MS - ICP waters, MS - CL - Phenols and MS - CL - Anions and BS1377 Parts 1 and 3.
5. Testing was carried out on an as received sample.
6. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep.
7. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
8. Sample was supplied by client.
9. Speciated PAH was subcontracted to SAL.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL LEACHATE ANALYSIS

MERRYLEES, DESFORD

REPORT NO. G11037-01/013		
ORDER REFERENCE: G11037-01		DATE OF ISSUE: 13/04/2011
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5191
SAMPLE MATRIX:		Clay
MOISTURE CONTENT:	(%)	22
STONE CONTENT:	(%)	6.2

HOLE NUMBER:	TP2
SAMPLE NUMBER:	E1
SAMPLE DEPTH:	0.30m
VISUAL DESCRIPTION:	Brown grey sandy gravelly clay it rot fragments

Acenaphthene	(µg/l)	< 0.02
Acenaphthylene	(µg/l)	< 0.01
Anthracene	(µg/l)	< 0.01
Benzo (a) anthracene	(µg/l)	< 0.01
Benzo (a) pyrene	(µg/l)	< 0.01
Benzo (b) fluoranthene	(µg/l)	< 0.01
Benzo (g, h, i) perylene	(µg/l)	< 0.01
Benzo (k) fluoranthene	(µg/l)	< 0.01
Chrysene	(µg/l)	< 0.01
Dibenzo (a,h) anthracene	(µg/l)	< 0.01
Fluoranthene	(µg/l)	< 0.01
Fluorene	(µg/l)	< 0.01
Indeno (1, 2, 3,-cd) pyrene	(µg/l)	< 0.01
Naphthalene	(µg/l)	< 0.03
Phenanthrene	(µg/l)	< 0.01
Pyrene	(µg/l)	< 0.01
TOTAL PAH CONTENT	(µg/l)	< 0.19

Arsenic	(µg/l)	17.5
Cadmium	(µg/l)	< 2.5
Chromium (Total)	(µg/l)	< 2.5
Copper	(µg/l)	22.7
Lead	(µg/l)	< 1.0
Mercury	(µg/l)	< 1.0
Nickel	(µg/l)	< 2.5
Zinc	(µg/l)	37.7

PH VALUE		8.4
PHENOL INDEX	(mg/l)	< 0.1

NOTES:
1. Leaching was carried out in accordance with NRA R&D note 301 using a 10 : 1 by wet mass of sample extraction ratio.
2. Results have not been corrected for the extraction ratio with regards to the moisture content of the soil.
3. Results have not been calculated or reported as 'mg of contaminant leached per kg of soil at natural moisture content' as required by the NRA. This information is available on request.
4. Analysis was carried out in accordance with NCA method statements: MS - ICP waters, MS - CL - Phenols and MS - CL - Anions and BS1377 Parts 1 and 3.
5. Testing was carried out on an as received sample.
6. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep.
7. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
8. Sample was supplied by client.
9. Speciated PAH was subcontracted to SAL.

.....
J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

NICHOLLS COLTON GEOTECHNICAL LEACHATE ANALYSIS

MERRYLEES, DESFORD

REPORT NO. G11037-01/014		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 29/03 TO 12/04/2011

NCA SAMPLE REFERENCE:		11-5192
SAMPLE MATRIX:		Sand
MOISTURE CONTENT:	(%)	29
STONE CONTENT:	(%)	3.7

HOLE NUMBER:		TP3
SAMPLE NUMBER:		E2
SAMPLE DEPTH:		0.60m
VISUAL DESCRIPTION:		Black clayey gravelly sand

Acenaphthene	(µg/l)	< 0.02
Acenaphthylene	(µg/l)	< 0.01
Anthracene	(µg/l)	< 0.01
Benzo (a) anthracene	(µg/l)	< 0.01
Benzo (a) pyrene	(µg/l)	< 0.01
Benzo (b) fluoranthene	(µg/l)	< 0.01
Benzo (g, h, i) perylene	(µg/l)	< 0.01
Benzo (k) fluoranthene	(µg/l)	< 0.01
Chrysene	(µg/l)	< 0.01
Dibenzo (a,h) anthracene	(µg/l)	< 0.01
Fluoranthene	(µg/l)	< 0.01
Fluorene	(µg/l)	< 0.01
Indeno (1, 2, 3,-cd) pyrene	(µg/l)	< 0.01
Naphthalene	(µg/l)	< 0.27
Phenanthrene	(µg/l)	< 0.01
Pyrene	(µg/l)	< 0.01
TOTAL PAH CONTENT	(µg/l)	< 0.43

Arsenic	(µg/l)	25.6
Cadmium	(µg/l)	< 2.5
Chromium (Total)	(µg/l)	< 2.5
Copper	(µg/l)	12.0
Lead	(µg/l)	< 1.0
Mercury	(µg/l)	< 1.0
Nickel	(µg/l)	< 2.5
Zinc	(µg/l)	5.2

PH VALUE		8.1
PHENOL INDEX	(mg/l)	< 0.1

NOTES:
1. Leaching was carried out in accordance with NRA R&D note 301 using a 10 : 1 by wet mass of sample extraction ratio.
2. Results have not been corrected for the extraction ratio with regards to the moisture content of the soil.
3. Results have not been calculated or reported as 'mg of contaminant leached per kg of soil at natural moisture content' as required by the NRA. This information is available on request.
4. Analysis was carried out in accordance with NCA method statements: MS - ICP waters, MS - CL - Phenols and MS - CL - Anions and BS1377 Parts 1 and 3.
5. Testing was carried out on an as received sample.
6. Moisture Content was determined in accordance with NCA method statement MS - CL - Sample Prep.
7. Stone Content was determined in accordance with NCA method statement MS - CL - Sample Prep and refers to the percentage of stones retained on the 10mm test sieve.
8. Sample was supplied by client.
9. Speciated PAH was subcontracted to SAL.

.....

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

Nicholls Colton & Partners Limited
7-11 Harding Street, Leicester, LE1 4DH
Tel: 0116 253 6333. Fax: 0116 251 4709
e-mail: testing@nicholls-colton.co.uk
website: www.nicholls-colton.co.uk

TEST REPORT

SPECIATED TOTAL PETROLEUM HYDROCARBON CONTENT OF LEACHATE

MERRYLEES, DESFORD

REPORT NO. G11037-01/015		
ORDER REFERENCE: G11037-01	DATE OF ISSUE: 13/04/2011	
DATE & TIME OF SAMPLING: NOT PROVIDED	DATE OF RECEIPT: 28/03/2011	DATE OF TESTING: 04/04 TO 11/04/2011

NCA Sample Reference:	Client Sample Reference:	Sample Location:	Matrix	Aliphatics (mg/l)							Aromatics (mg/l)						
				>C_5 to C_6	>C_6 to C_8	>C_8 to C_{10}	>C_{10} to C_{12}	>C_{12} to C_{16}	>C_{16} to C_{21}	>C_{21} to C_{35}	>C_6 to C_7	>C_7 to C_8	>C_8 to C_{10}	>C_{10} to C_{12}	>C_{12} to C_{16}	>C_{16} to C_{21}	>C_{21} to C_{35}
11-5190	TP1	E2	Water	< 0.01	< 0.01	< 0.02	< 0.02	0.05	0.08	< 0.02	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	0.02	< 0.02
11-5191	TP2	E1	Water	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	0.03	< 0.02	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
11-5192	TP3	E2	Water	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	0.02	< 0.02	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

NOTES:
1. Sample was supplied by client.
7. Analysis was subcontracted to SAL.

J. Gane
Environmental Laboratory Manager
Nicholls Colton Analytical

Nicholls Colton Geotechnical
7 - 11 Harding Street
Leicester
LE1 4DH

A P P E N D I X G

Groundwater Monitoring Results

GROUNDWATER MONITORING RESULTS

SITE: 8 Merrylees Industrial Estate, Desford

BH Ref	Date	11/3/11	20/5/11				
BH1	Borehole Depth (m bgl)	9.80	9.80				
	Groundwater (m bgl)	Dry	2.27				
Monitored By		NB	PM				

NICHOLLS COLTON GEOTECHNICAL

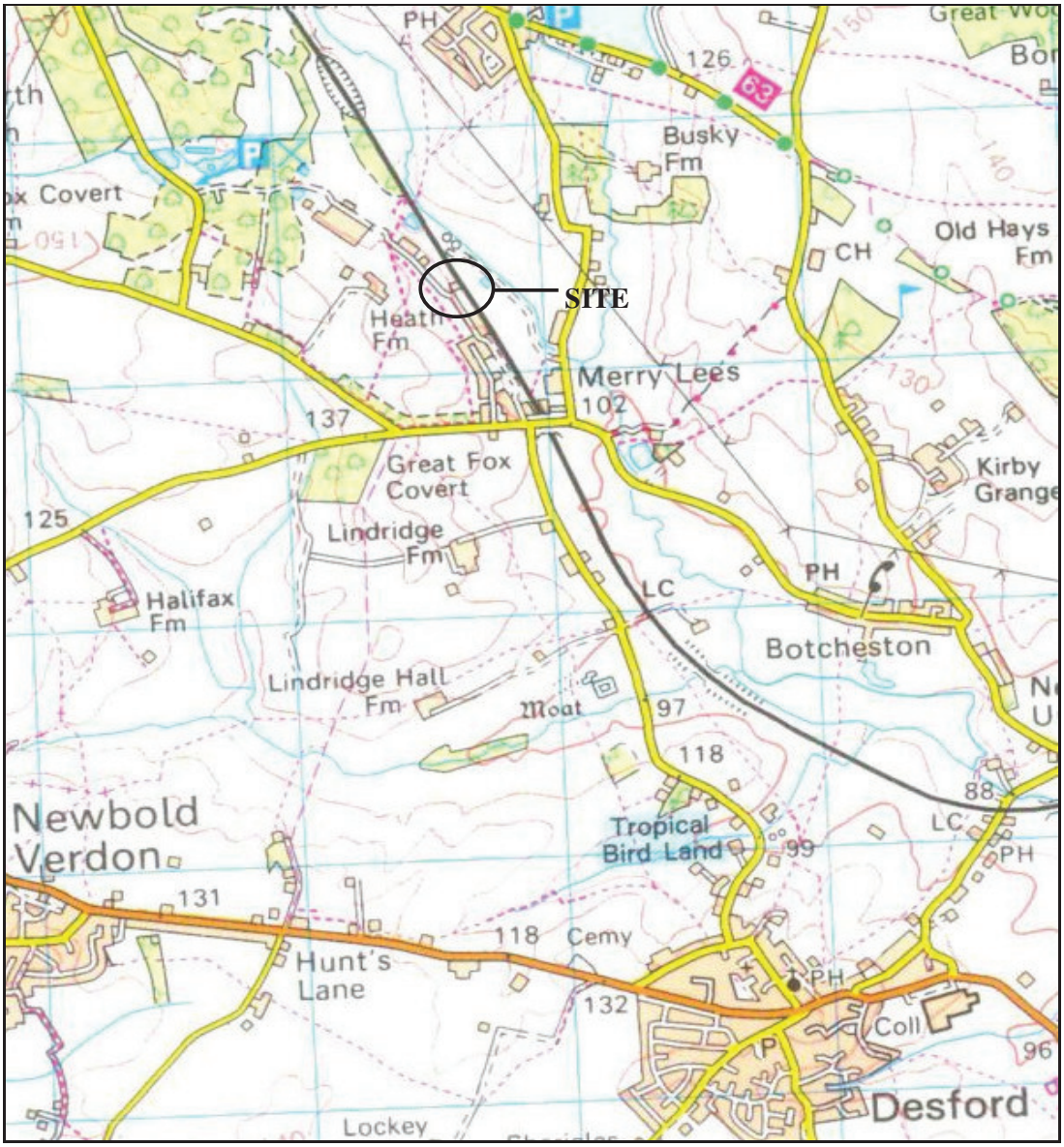
Project No: G11037

Date: June 2011

DRAWINGS

G11037/01 Site Location Plan

G11037/02 Exploratory Hole Location Plan

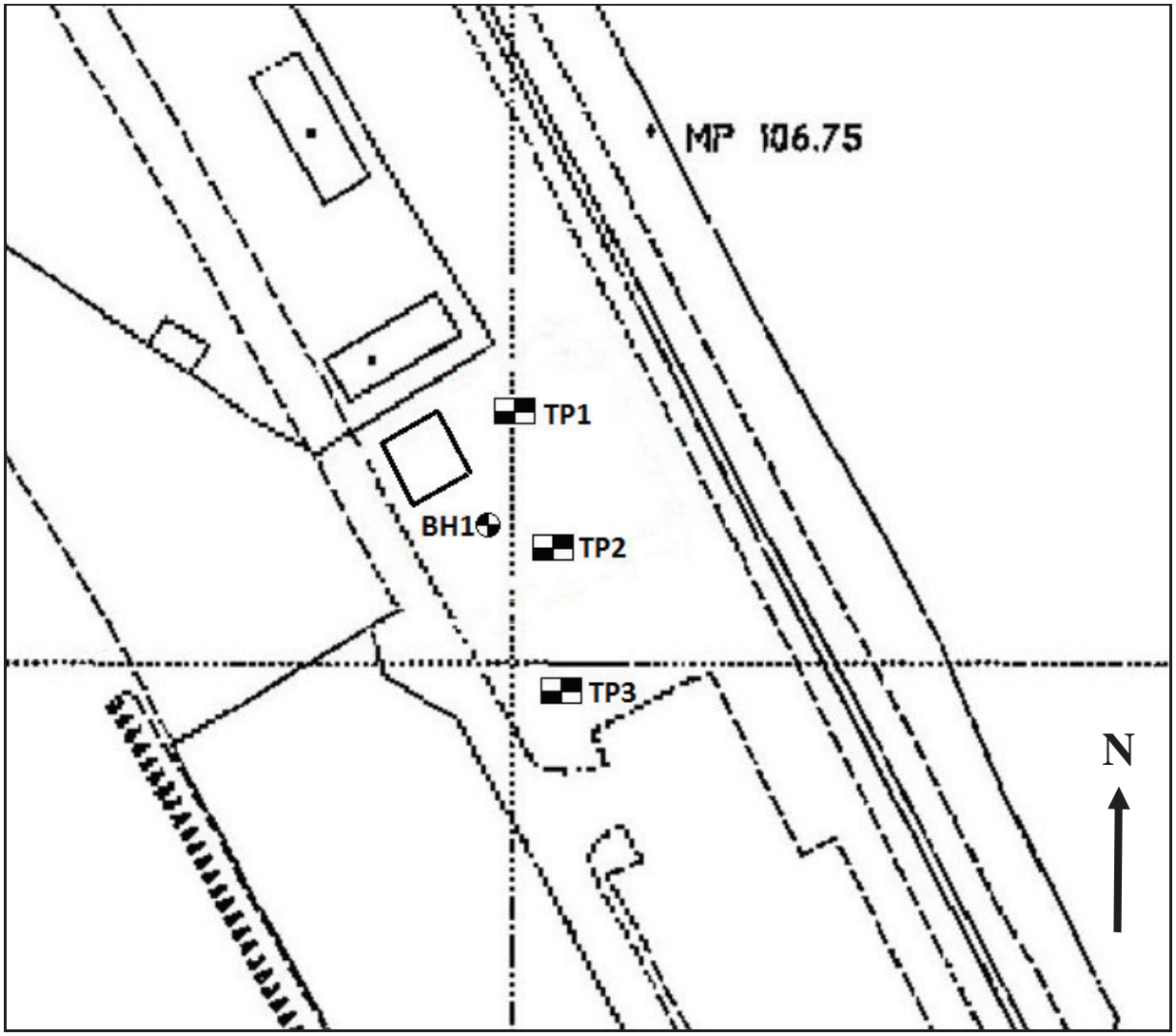


Based upon the 2002 Ordnance Survey 1:50000 Scale Landranger 140 Map with the permission of the Controller of Her Majesty's Stationery Office, © Crown copyright Nicholls Colton and Partners Ltd., 7-11 Harding Street, Leicester. Conventional Licence No. AL 100014431.

NICHOLLS COLTON GEOTECHNICAL 7-11 Harding Street Leicester LE1 4DH	**Client:** Mr G Wilford

Project:
8 Merrylees Industrial Estate, Desford, Leicestershire

Drawing No:	**Title:**	**Date:**
G11037/01	Site Location Plan	July 2011



NICHOLLS COLTON GEOTECHNICAL 7-11 Harding Street Leicester LE1 4DH	**Client:** Mr G Wilford
Project: 8 Merrylees Industrial Estate, Desford, Leicestershire	

Drawing No:	**Title:**	**Date:**
G11037/02	Exploratory Hole Location Plan	July 2011