

APPENDIX 2

GROUNDSURE ENVIROINSIGHT REPORT



GroundSure EnvirolInsight

Address:
Date: 19 Feb 2015
Reference: FIND-46611
Client: FIND



Aerial Photograph Capture date: 02-Sep-2005
Grid Reference: 335673,393693
Site Size: 0.39ha

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Environmental Permits, Incidents and Registers		On-site	0-50m	51-250	251-500		
1.1 Industrial Sites Holding Environmental Permits and/or Authorisations							
1.1.1	Records of historic IPC Authorisations	0	0	0	0		
1.1.2	Records of Part A(1) and IPPC Authorised Activities	0	0	0	0		
1.1.3	Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0		
1.1.4	Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0		
1.1.5	Records of List 1 Dangerous Substances Inventory sites	0	0	1	0		
1.1.6	Records of List 2 Dangerous Substances Inventory sites	0	0	0	0		
1.1.7	Records of Part A(2) and Part B Activities and Enforcements	0	0	0	2		
1.1.8	Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0		
1.1.9	Records of Licensed Discharge Consents	0	0	0	0		
1.1.10	Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0		
1.2	Records of COMAH and NIHHS sites	0	0	0	0		
1.3 Environment Agency Recorded Pollution Incidents							
1.3.1	National Incidents Recording System, List 2	0	0	0	0		
1.3.2	National Incidents Recording System, List 1	0	0	0	0		
1.4	Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0		
Section 2: Landfill and Other Waste Sites		On-site	0-50m	51-250	251-500	501-1000	1000-5000
2.1 Landfill Sites							
2.1.1	Environment Agency Registered Landfill Sites	0	0	0	0	0	Not searched
2.1.2	Environment Agency Historic Landfill Sites	0	0	0	0	0	4
2.1.3	BGS/DoE Landfill Site Survey	0	0	0	0	0	0
2.1.4	GroundSure Local Authority Landfill Sites Data	0	0	0	0	1	0
2.2 Landfill and Other Waste Sites Findings							
2.2.1	Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
2.2.2	Environment Agency Licensed Waste Sites	0	0	0	0	5	28

Section 3: Current Land Use	On-site	0-50m	51-250	251-500
3.1 Current Industrial Sites Data	1	0	16	Not searched
3.2 Records of Petrol and Fuel Sites	0	0	0	1
3.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0

Section 4: Geology	
4.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?	No
4.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?	None
4.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 5: Hydrogeology and Hydrology	0-500m
5.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?	Yes
5.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?	Yes

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
5.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	1	0	0	2
5.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
5.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	1
5.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
5.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
5.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	1	0	0	0	Not searched	Not searched

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
5.9 Is there any Environment Agency information on river quality within 1500m of the study site?	No	No	No	No	No	No
5.10 Detailed River Network entries within 500m of the site	0	0	0	0	Not searched	Not searched
5.11 Surface water features within 250m of the study site	No	No	Yes	Not searched	Not searched	Not searched

Section 6: Flooding

6.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	No
6.2 Are there any Environment Agency Zone 3 floodplains within 250m of the study site?	No
6.3 Are there any Flood Defences within 250m of the study site?	No
6.4 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
6.5 Are there any areas used for Flood Storage within 250m of the study site?	No
6.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Limited potential
6.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Low

Section 7: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
7.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
7.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
7.5 Records of Ramsar sites	0	0	0	0	0	0
7.6 Records of Ancient Woodlands	0	0	0	0	0	0
7.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
7.8 Records of World Heritage Sites	0	0	0	0	0	2
7.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0
7.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
7.11 Records of National Parks	0	0	0	0	0	0
7.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
7.13 Records of Nitrate Vulnerable Zones	0	0	0	1	0	0
7.14 Records of Green Belt Data	0	0	0	0	0	0

Section 8: Natural Hazards

8.1 What is the maximum risk of natural ground subsidence?	Very Low
8.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Negligible
8.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
8.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Negligible
8.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Negligible
8.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
8.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Negligible

Section 9: Mining

9.1 Are there any coal mining areas within 75m of the study site?	No
9.2 What is the risk of subsidence relating to shallow mining within 150m of the study site?	Negligible
9.3 Are there any brine affected areas within 75m of the study site?	No

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between GroundSure and the Client. The document contains the following sections:

1. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

2. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

3. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure underground oil and gas pipelines.

4. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

5. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

6. Flooding

Provides information on surface water flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

7. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

8. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence.

9. Mining

Provides information on areas of coal and shallow mining.

10. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, GroundSure provide a free Technical Helpline (08444 159000) for further information and guidance.

Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Environmental Permits, Incidents and Registers Map



Environmental Permits,
Incidents and Registers Legend



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- | | |
|-------------------------------|--|
| Recorded Pollution Incident | RAS 3 & 4 Authorisations |
| Dangerous Substances (List 1) | Part A(1) Authorised Processes and Historic IPC Authorisations |
| Dangerous Substances (List 2) | Part A(2) and Part B Authorised Processes |
| Site Outline | COMAH / NIHS Sites |
| Search Buffers (m) | Sites Determined as Contaminated Land |
| Water Industry Referrals | Hazardous Substance Consents and Enforcements |
| Licenced Discharge Consents | |
| Red List Discharge Consents | |



1. Environmental Permits, Incidents and Registers

1.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

1.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

1.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

1.1.3 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

1.1.4 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

1.1.5 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

1

The following List 1 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance	Direction	NGR	Details
1	196.0	SW	335520 393520	Name: Cwf (metal Treatments) Ltd Status: Active Receiving Water: Mersey Estuary Authorised Substances: Cadmium

1.1.6 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

1.1.7 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

2

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance	Direction	NGR	Details
2	322.0	NW	335362 393873	Address: Malthurst (Barlow Lane) Process: Petrol Filling Station Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
3	480.0	N	335596 394207	Address: 5 Star Dry Cleaners Process: Dry Cleaners Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

1.1.9 Records of Licensed Discharge Consents within 500m of the study site:

0

Database searched and no data found.

1.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

1.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

1.3 Environment Agency Recorded Pollution Incidents

1.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

0

Database searched and no data found.

1.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

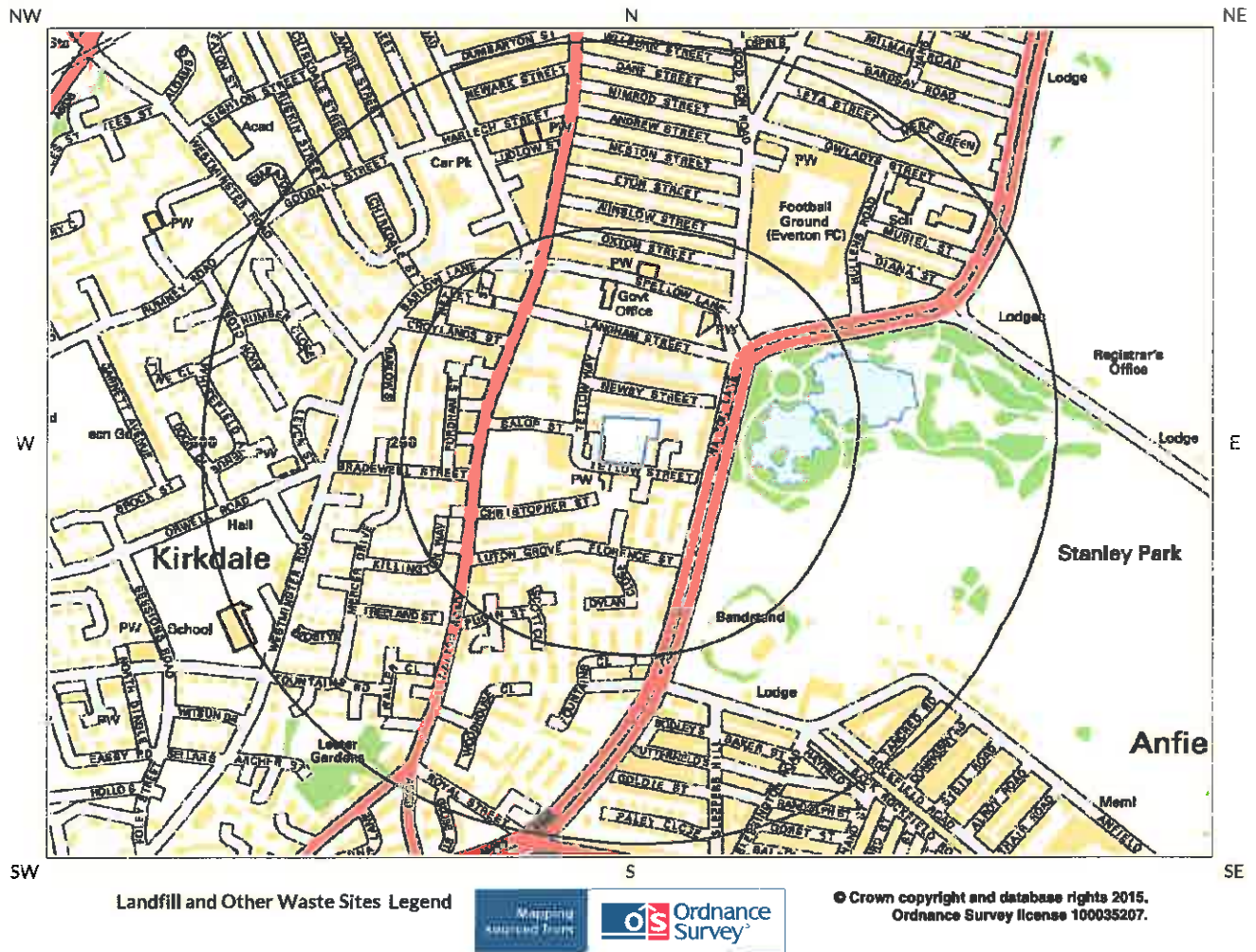
1.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

0

Database searched and no data found.

2. Landfill and Other Waste Sites Map





2. Landfill and Other Waste Sites

2.1 Landfill Sites

2.1.1 Records from Environment Agency landfill data within 1000m of the study site:

0

Database searched and no data found.

2.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site:

4

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
Not shown	1051.0	W	334400 393300	Site Address: Former Tillotsons Factory, Commercial Road, Stanley Road, Liverpool, Merseyside Waste Licence: Yes Site Reference: GDO M083, 096/02 Waste Type: Inert, Industrial, Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 23-Jan-1981 Licence Surrendered: Licence Hold Address: 173a Rice Lane, Liverpool Operator: Merseyscere Limited
Not shown	1277.0	W	334300 393100	Site Address: Railway Goods Yard, Sandhills Lane, Liverpool 8, Merseyside Waste Licence: Yes Site Reference: M182, 142/02 Waste Type: Inert, Industrial, Household, Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 13-Mar-1984 Licence Surrendered: Licence Hold Address: Woodend Avenue, Speke, Merseyside Operator: Merseyscere Limited
Not shown	1311.0	W	334100 393600	Site Address: Canada Dock Goods Yard, Juniper Street, Bankhall Lane, Liverpool, Merseyside Waste Licence: Yes Site Reference: M235, 050/02, 419/02, 30419 Waste Type: Industrial, Environmental Permitting Regulations (Waste) Reference: NR1/L/MDC001 Licence Issue: 14-Apr-1978 Licence Surrendered: 23-Feb-2000 Licence Hold Address: 42, Lightbody Street, Liverpool 5 Operator: -
Not shown	1485.0	W	334100 393600	Site Address: Canada Dock Goods Yard, Juniper Street, Bankhall Lane, Liverpool, Merseyside Waste Licence: Yes Site Reference: M235, 050/02, 419/02, 30419 Waste Type: Industrial, Environmental Permitting Regulations (Waste) Reference: NR1/L/MDC001 Licence Issue: 14-Apr-1978 Licence Surrendered: 23-Feb-2000 Licence Hold Address: 42, Lightbody Street, Liverpool 5 Operator: -

2.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

2.1.4 Records of Local Authority landfill sites within 1500m of the study site:

1

The following landfill records are represented as points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Site Address	Source	Data Type
Not shown	679.0	S		Refuse Tip	1968 mapping	Polygon

2.2 Other Waste Sites

2.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

2.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site:

33

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
Not shown	783.0	S	335500 392900	Site Address: Land/premises At, St Domingo Road, Liverpool, Merseyside, L5 Type: Transfer Station taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CSL001 EPR reference: EA/EPR/JP3996CG/A001 Operator: City Engineering Waste Management licence No: 53887 Annual Tonnage: 30000.0 Issue Date: 23/08/1991 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Liverpool City Council Correspondence Address: -, -

ID	Distance (m)	Direction	NGR	Details	
Not shown	942.0	NW	334900 394300	Site Address: Marsh Street, Kirkdale, Liverpool, L20 2BL Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LRI001 EPR reference: - Operator: L Rifkin Liverpool Ltd Waste Management licence No: 53976 Annual Tonnage: 416.667	Issue Date: 25/08/1988 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: L Rifkin Liverpool Ltd Correspondence Address: -, L Rifkin Ltd, Marsh Street, Kirkdale, Liverpool, L20 2BL
Not shown	962.0	NW	334834 394240	Site Address: Private Sidings, Kirkdale Station, Liverpool, Merseyside, L20 2BL Type: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LRI001 EPR reference: EA/EPR/XP3891CT/V002 Operator: L Rifkin Liverpool Ltd Waste Management licence No: 53976 Annual Tonnage: 75000.0	Issue Date: 25/08/1988 Effective Date: - Modified: 25/10/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: L Rifkin (Liverpool) Ltd Correspondence Address: -, -
Not shown	976.0	NW	334785 394182	Site Address: Private Sidings, Kirkdale Station, Liverpool, Merseyside, L20 2BL Type: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LRI001 EPR reference: EA/EPR/BB3400XT/T001 Operator: L Rifkin Demolition (Liverpool) Ltd Waste Management licence No: 53976 Annual Tonnage: 75000.0	Issue Date: 25/08/1988 Effective Date: 14/03/2014 Modified: 25/10/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Private Sidings Correspondence Address: -, -
Not shown	976.0	NW	334785 394182	Site Address: Kirkdale Station, Liverpool, Merseyside, L20 2BL Type: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NOR442 EPR reference: EA/EPR/AB3705HK/T001 Operator: S Norton & Co Limited Waste Management licence No: 53976 Annual Tonnage: 75000.0	Issue Date: 25/08/1988 Effective Date: 08/11/2013 Modified: 25/10/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Private Sidings Correspondence Address: -, -
Not shown	1147.0	W	334500 393600	Site Address: Land/premises At, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CBU001 EPR reference: EA/EPR/UP3092CV/T003 Operator: Clydemorn Ltd Waste Management licence No: 53440 Annual Tonnage: 13333.0	Issue Date: 15/12/1999 Effective Date: 08/10/2004 Modified: 13/06/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Mersey Waste Management Correspondence Address: -, -
Not shown	1205.0	W	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: - Operator: Veolia E S Onyx Limited Waste Management licence No: 50492 Annual Tonnage: 0.0	Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: -, Redfern Street, Bootle, Liverpool, L20 8JB

ID	Distance (m)	Direction	NGR	Details
Not shown	1205.0	W	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: EA/EPR/QP3894CK/A001 Operator: Veolia E S (U K) Ltd Waste Management licence No: 50492 Annual Tonnage: 1475.0 Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: -, -
Not shown	1205.0	W	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, L20 8JB Type: - Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: - Operator: Veolia E S Onyx Limited Waste Management licence No: 50492 Annual Tonnage: 0.0 Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: -, Redfern Street, Bootle, Liverpool, L20 8JB
Not shown	1205.0	W	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: - Operator: Veolia E S Uk Ltd Waste Management licence No: 50492 Annual Tonnage: 0.0 Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: -, Redfern Street, Bootle, Liverpool, L20 8JB
Not shown	1206.0	W	334440 393620	Site Address: Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE384 EPR reference: EA/EPR/GP3935KM/V003 Operator: Greenway Environmental Ltd Waste Management licence No: 102527 Annual Tonnage: 24999.0 Issue Date: 02/03/2011 Effective Date: - Modified: 31/01/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Redfern Waste Management Facility Correspondence Address: -, -
Not shown	1207.0	W	334439 393623	Site Address: 1, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE268 EPR reference: EA/EPR/EP3297EV/T001 Operator: Greenway Environmental Ltd Waste Management licence No: 53718 Annual Tonnage: 417.0 Issue Date: 04/06/1992 Effective Date: 08/12/2009 Modified: 08/02/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: -, -
Not shown	1207.0	W	334439 393623	Site Address: Redfern Street Site, 1, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES002 EPR reference: EA/EPR/XP3696CE/T002 Operator: Veolia E S (U K) Ltd Waste Management licence No: 53718 Annual Tonnage: 417.0 Issue Date: 6/4/1992 Effective Date: 7/4/2006 Modified: 2/8/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: -, Veolia House, 154 A, Pentonville Road, London, N1 9PE

ID	Distance (m)	Direction	NGR	Details	
Not shown	1207.0	W	334439 393623	Site Address: Redfern Street, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES002 EPR reference: - Operator: Veolia E S Onyx Waste Management licence No: 53718 Annual Tonnage: 417.0	Issue Date: 04/06/1992 Effective Date: 04/07/2006 Modified: 08/02/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: -, Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1207.0	W	334439 393623	Site Address: Redfern Street Site, 1, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES002 EPR reference: - Operator: Veolia E S Uk Ltd Waste Management licence No: 53718 Annual Tonnage: 417.0	Issue Date: 04/06/1992 Effective Date: 04/07/2006 Modified: 08/02/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: -, Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1232.0	W	334414 393716	Site Address: The Old Railway Sidings, Bankhall Street, Liverpool, Merseyside, L20 8JD Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BA 001 EPR reference: EA/EPR/AP3998CS/A001 Operator: Barry Flanagan & Gerard Flanagan Waste Management licence No: 50094 Annual Tonnage: 6250.0	Issue Date: 28/03/2002 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Barrys Skip Hire Correspondence Address: -, -
Not shown	1235.0	W	334417 393544	Site Address: Land/premises At, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MER063 EPR reference: EA/EPR/AB3539DF/V002 Operator: M W M Recycling Ltd Waste Management licence No: 53440 Annual Tonnage: 13333.0	Issue Date: 15/12/1999 Effective Date: 19/03/2012 Modified: 02/12/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Land/premises At Redfern Street Correspondence Address: -, -
Not shown	1247.0	W	334400 393600	Site Address: Land/premises At, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Metal Recycling Site (Vehicle Dismantler) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KEW003 EPR reference: EA/EPR/WP3894CN/A001 Operator: Ian Robert Kewin & Michael Stephen Kewin Waste Management licence No: 50419 Annual Tonnage: 2499.0	Issue Date: 13/01/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: I & M Commercials Correspondence Address: -, -

ID	Distance (m)	Direction	NGR	Details
Not shown	1249.0	W	334399 393588	Site Address: D W Classic Car Spares, Redfern Street, Liverpool, Merseyside, L20 8JB Type: Vehicle Depollution Facility <5000 tps Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WIL382 EPR reference: EA/EPR/LB3237AT/A001 Operator: Wilson Danny Waste Management licence No: 104726 Annual Tonnage: 4999.0 Issue Date: 08/11/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: D W Classic Car Spares Correspondence Address: -, -
Not shown	1304.0	W	334357 393466	Site Address: 17-21, Foster Sreet, Bootle, Liverpool, Merseyside, L20 8EX Type: HCI Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GAS003 EPR reference: EA/EPR/FP3494CZ/V002 Operator: Gaskells (North West) Ltd Waste Management licence No: 50351 Annual Tonnage: 74999.0 Issue Date: 04/11/2004 Effective Date: - Modified: 16/12/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Gaskells Waste Services Correspondence Address: -, -
Not shown	1307.0	W	334340 393600	Site Address: Land / Premises At, Redfern Street, Bootle, Merseyside, L20 8JB Type: Vehicle depollution facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KEW002 EPR reference: EA/EPR/EP3095VB/A001 Operator: Mr Stephen Kewin & Mrs Eileen Kewin Waste Management licence No: 101041 Annual Tonnage: 0.0 Issue Date: 08/09/2009 Effective Date: - Modified: - Surrendered Date: 04/02/2011 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Steve Kewin Trucks Correspondence Address: -, -
Not shown	1318.0	SE	336600 392700	Site Address: Off Lower Breck Road, Liverpool, Merseyside, L6 4DW Type: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LIV001 EPR reference: - Operator: Liverpool City Council Waste Management licence No: 54253 Annual Tonnage: 0.0 Issue Date: 10/10/1991 Effective Date: - Modified: - Surrendered Date: 12/10/2000 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: "Liverpool C C, Breckside Park Depot" Correspondence Address: -, Breckside Park Depot, Off Lower Breck Road, Liverpool, Merseyside, L6 4DW
Not shown	1318.0	SE	336600 392700	Site Address: Off Lower Breck Road, Liverpool, Merseyside, L6 4DW Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LIV001 EPR reference: EA/EPR/KP3897CK/S002 Operator: Liverpool City Council Waste Management licence No: 54253 Annual Tonnage: 25000.0 Issue Date: 10/10/1991 Effective Date: - Modified: - Surrendered Date: 12/10/2000 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Liverpool C C, Breckside Park Depot Correspondence Address: -, -
Not shown	1330.0	N	336100 395000	Site Address: Moor Lane, Walton, Liverpool, Merseyside, L4 6XG Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LIV002 EPR reference: EA/EPR/KP3497CP/S002 Operator: Liverpool City Council - Cleansing Dept Waste Management licence No: 54254 Annual Tonnage: 203474.0 Issue Date: 10/10/1991 Effective Date: - Modified: - Surrendered Date: 22/04/2003 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Liverpool C C Cleansing Dept Moor Lane Depot Correspondence Address: -, -

ID	Distance (m)	Direction	NGR	Details
Not shown	1330.0	N	336100 395000	Site Address: Moor Lane, Walton, Liverpool, Merseyside, L4 6XG Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LIV002 EPR reference: EA/EPR/KP3497CP/S002 Operator: Liverpool City Council, Cleansing Dept Waste Management licence No: 54254 Annual Tonnage: 203474.0 Issue Date: 10/10/1991 Effective Date: - Modified: - Surrendered Date: 22/04/2003 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Liverpool C C Cleansing Dept Moor Lane Depot Correspondence Address: -, -
Not shown	1330.0	N	336100 395000	Site Address: Moor Lane, Walton, Liverpool, Merseyside, L4 6XG Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LIV002 EPR reference: KP3497CP/S002 Operator: "Liverpool City Council, Cleansing Dept" Waste Management licence No: 54254 Annual Tonnage: 203474.0 Issue Date: 10/10/1991 Effective Date: - Modified: - Surrendered Date: 22/04/2003 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Liverpool C C Cleansing Dept Moor Lane Depot Correspondence Address: -, -
Not shown	1372.0	W	334300 393400	Site Address: Land/premises At, Costain Street, Bootle, Liverpool, Merseyside, L20 8QJ Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GAS003 EPR reference: EA/EPR/FP3494CZ/A001 Operator: Gaskells (North West) Ltd Waste Management licence No: 50351 Annual Tonnage: 74999.0 Issue Date: 04/11/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Gaskells Waste Services Correspondence Address: -, -
Not shown	1404.0	W	334277 393354	Site Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX Type: Physical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: FP3294CT/V002 Operator: Sanders Products (Liverpool) Limited Waste Management licence No: 50352 Annual Tonnage: 0.0 Issue Date: 29/06/2005 Effective Date: - Modified: 05/07/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Sanders Products (Liverpool) Correspondence Address: -, -
Not shown	1404.0	W	334277 393354	Site Address: 8-11, Foster Street, Bootle, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: OLL003 EPR reference: EA/EPR/LP3032NC/V002 Operator: Olleco Waste Management licence No: 50352 Annual Tonnage: 24999.0 Issue Date: 29/06/2005 Effective Date: 09/07/2013 Modified: 19/02/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Olleco Correspondence Address: -, -
Not shown	1404.0	W	334277 393354	Site Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX Type: Physical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: - Operator: Sanders Products (liverpool) Limited Waste Management licence No: 50352 Annual Tonnage: 0.0 Issue Date: 29/06/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Sanders Vegetable Oil Treatment Correspondence Address: -, 8-11, Foster Street, Liverpool, Merseyside, L20 8EX

ID	Distance (m)	Direction	NGR	Details	
Not shown	1404.0	W	334277 393354	Site Address: 8-11, Foster Street, Bootle, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: EA/EPR/FP3294CT/V005 Operator: Sanders Products (Liverpool) Waste Management licence No: 50352 Annual Tonnage: 24999.0	Issue Date: 29/06/2005 Effective Date: - Modified: 05/09/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Agri Energy - Sanders Products (Liverpool) Correspondence Address: -, -
Not shown	1404.0	W	334277 393354	Site Address: 8-11, Foster Street, Bootle, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: EA/EPR/FP3294CT/V005 Operator: Sanders Products (Liverpool) Ltd Waste Management licence No: 50352 Annual Tonnage: 24999.0	Issue Date: 29/06/2005 Effective Date: - Modified: 05/09/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Agri Energy - Sanders Products (Liverpool) Correspondence Address: -, -
Not shown	1404.0	W	334277 393354	Site Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: EA/EPR/FP3294CT/V004 Operator: Sanders Products (Liverpool) Limited Waste Management licence No: 50352 Annual Tonnage: 24999.0	Issue Date: 29/06/2005 Effective Date: - Modified: 18/04/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Sanders Products (Liverpool) Correspondence Address: -, -

This is a detailed street map of the Kirkdale area in Liverpool. The map shows a grid of streets, including Kirkdale Road, Stanley Park Road, and various residential streets. Key landmarks include Stanley Park, the Registrar's Office, and the Kirkdale School. A red line is drawn across the map, likely indicating a specific route or boundary. The map is oriented with North at the top, and the compass rose shows North (N), South (S), East (E), and West (W). The map is labeled with 'Kirkdale' in the center and 'Anfie' in the bottom right corner. The map is a black and white reproduction of a color map, with the red line being a prominent feature.



Site Outline

Search Buffers (m)

250

500

- ★ Current Industrial Sites
- 🌐 Petrol & Fuel Sites
- 🔧 Underground High Pressure Oil & Fuel Pipelines



3. Current Land Uses

3.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

17

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0.0	On Site	Electricity Sub Station	335694 393667	L4	Electrical Features	Infrastructure and Facilities
2	89.0	N	Langham Street Autos	335661 393818	Unit B2 Langham Street Industrial Estate, Tetlow Way, Liverpool, L4 4QS	Vehicle Repair, Testing and Servicing	Repair and Servicing
3	91.0	NW	Works	335579 393787	L4	Unspecified Works Or Factories	Industrial Features
4	94.0	NE	Electricity Sub Station	335772 393804	L4	Electrical Features	Infrastructure and Facilities
5	97.0	SE	Electricity Sub Station	335804 393654	L4	Electrical Features	Infrastructure and Facilities
6	114.0	NE	Works	335780 393823	L4	Unspecified Works Or Factories	Industrial Features
7	133.0	W	La Curtain Galleria	335517 393745	206, Walton Road, Liverpool, L4 4BB	Curtains and Blinds	Consumer Products
8	134.0	NW	Fireworld Fireplaces	335539 393805	230, Walton Road, Liverpool, L4 4BB	Fireplaces and Mantelpieces	Consumer Products
9	139.0	NW	Express Furniture & Joinery	335550 393827	236, Walton Road, Liverpool, L4 4BE	Furniture	Consumer Products
10	152.0	N	Keith Hulse Tyres	335600 393874	Unit C3-C4 Langham Street, Liverpool, L4 4DA	Vehicle Parts and Accessories	Motoring
11	157.0	S	Electricity Sub Station	335715 393506	L4	Electrical Features	Infrastructure and Facilities
12A	162.0	NW	Walton Bed Centre	335502 393798	213-217, Walton Road, Liverpool, L4 4AJ	Beds and Bedding	Consumer Products
13A	166.0	NW	Oasis Blinds	335505 393810	219, Walton Road, Liverpool, L4 4AJ	Curtains and Blinds	Consumer Products
14	172.0	N	Electricity Sub Station	335668 393901	L4	Electrical Features	Infrastructure and Facilities
15	179.0	N	Jag Autos	335623 393906	Unit C1, Langham Street, Liverpool, L4 4DA	Vehicle Repair, Testing and Servicing	Repair and Servicing
16	200.0	SW	Works	335520 393514	L4	Unspecified Works Or Factories	Industrial Features
17	244.0	E	Landing Stage	335952 393805	L4	Moorings and Unloading Facilities	Water

3.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

iD	Distance (m)	Direction	NGR	Company	Address	LPG	Status
18	319.0	NW	335360 393864	Texaco	Mrh Grand National, 21, Barlow Lane, Barlow Lane, Kirkdale, Liverpool, Merseyside, L4 3QP	Yes	Open

3.3 Underground High Pressure Oil and Gas Pipelines

Records of high pressure underground pipelines within 500m of the study site:

0

Database searched and no data found.



4. Geology

4.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

4.2 Superficial Ground and Drift Geology

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

4.3 Bedrock and Solid Geology

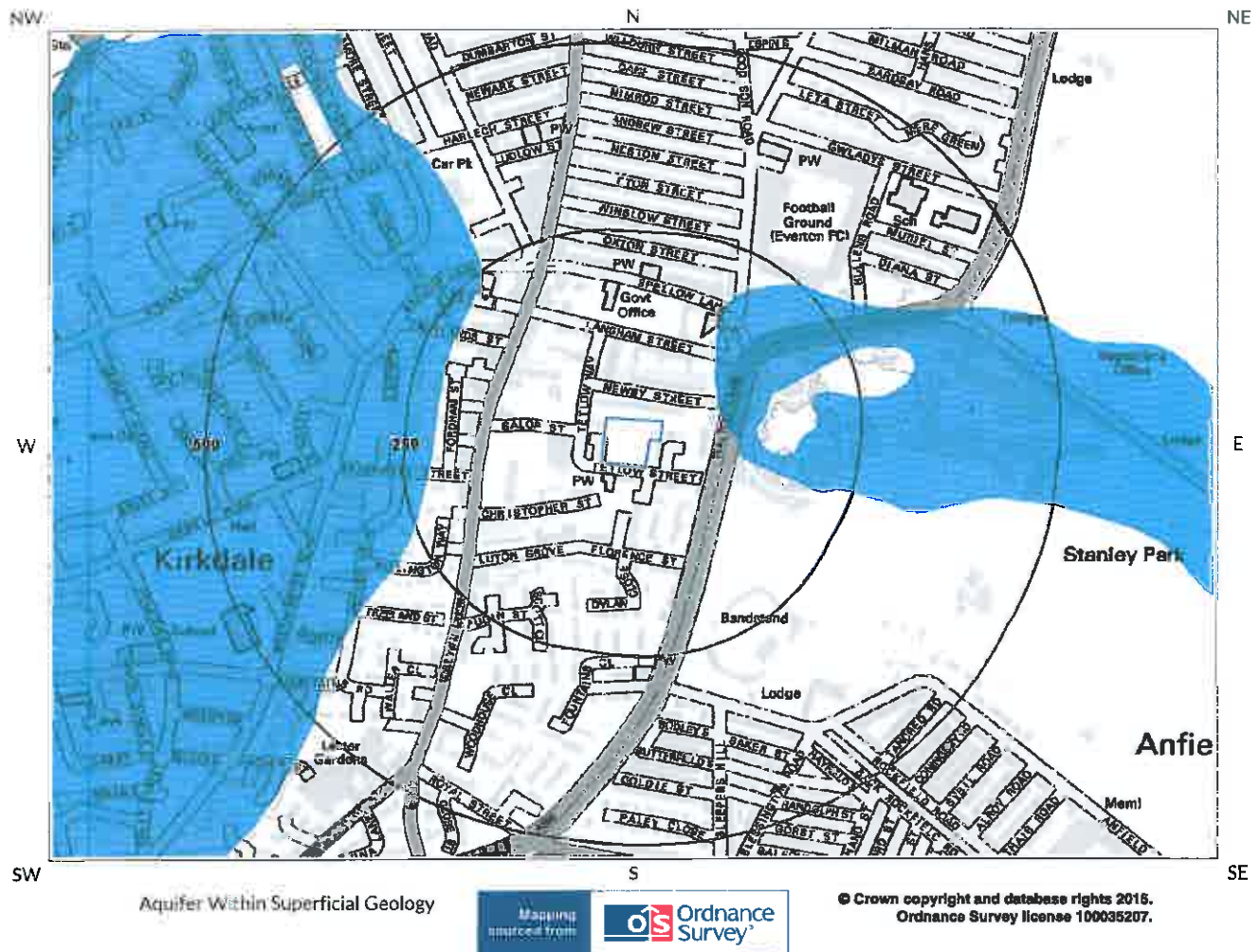
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
CPB-SDST	CHESTER PEBBLE BEDS FORMATION	SANDSTONE

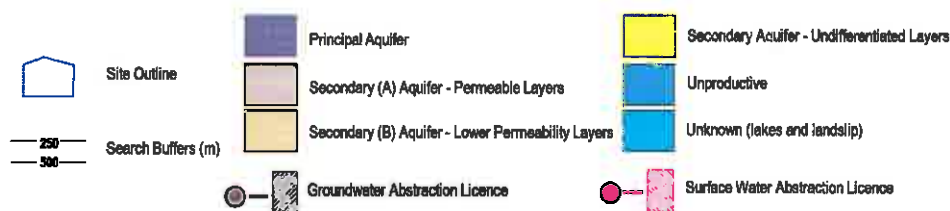
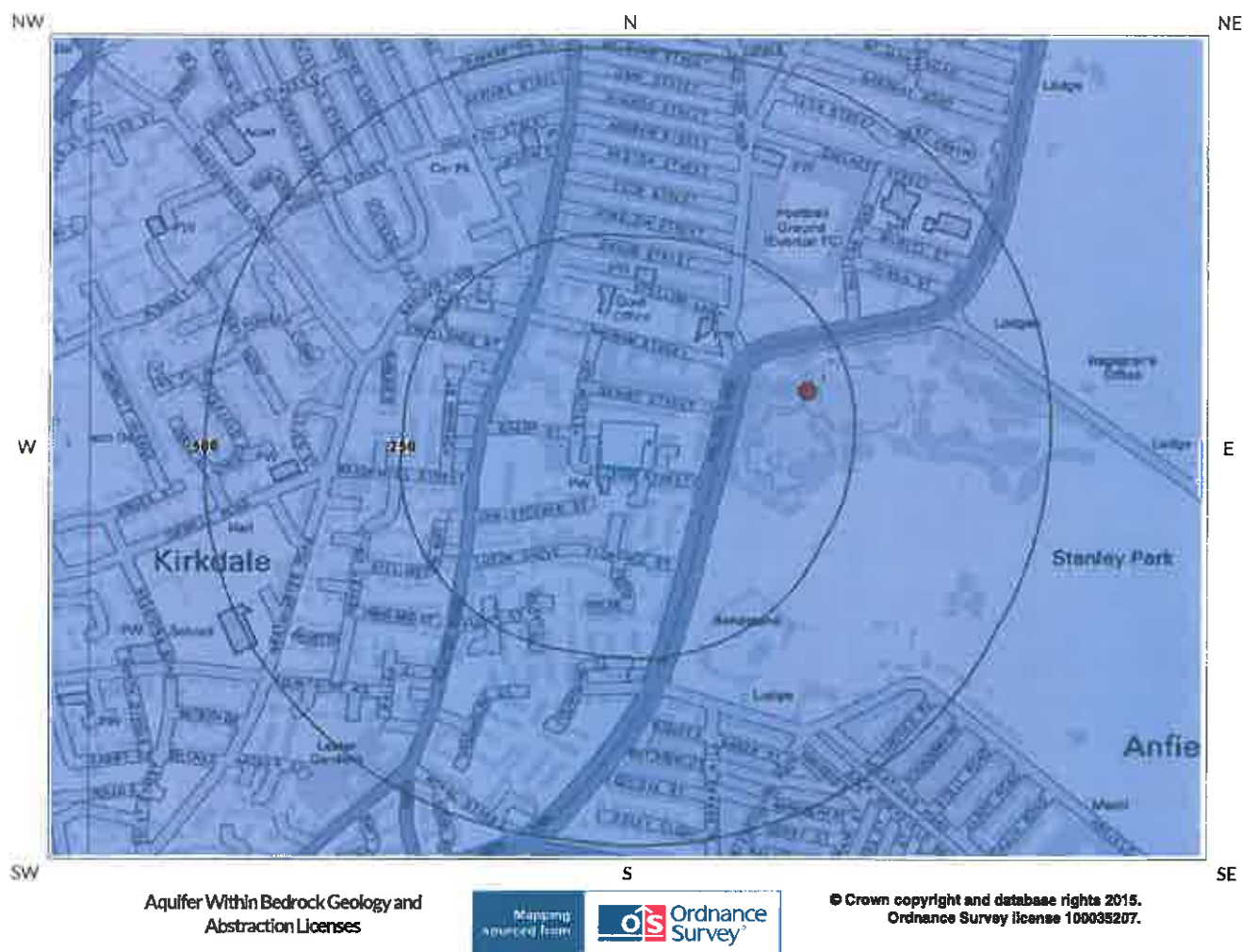
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

5. Hydrogeology and Hydrology

5a. Aquifer Within Superficial Geology



5b. Aquifer Within Bedrock Geology and Abstraction Licenses



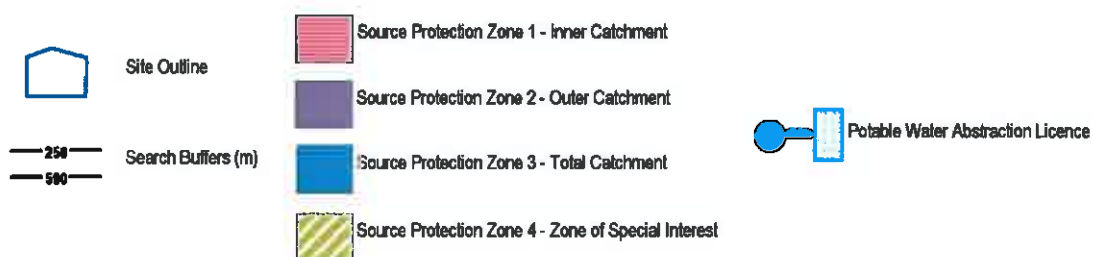
5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



Map Legend Source Protection Zones and Potable Water Abstraction Licenses



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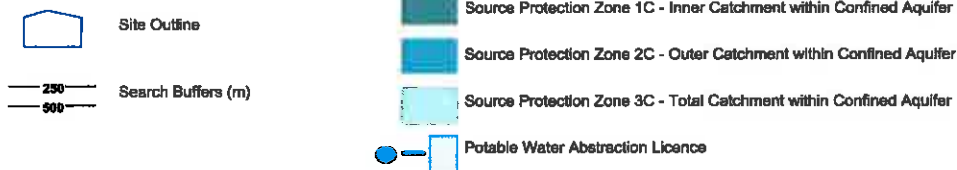
5d. Hydrology Source Protection Zones within confined aquifer



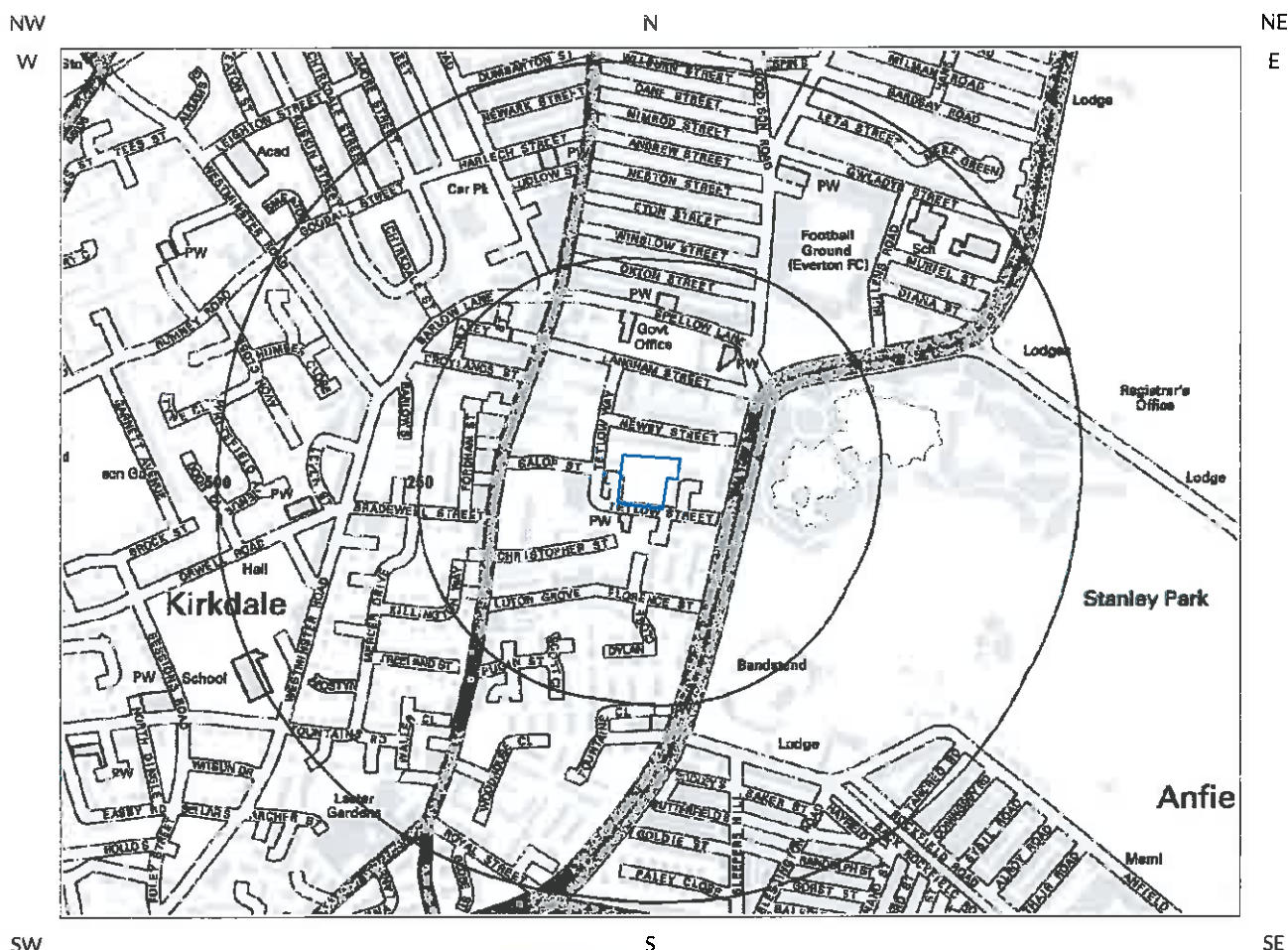
Hydrology Source Protection Zones



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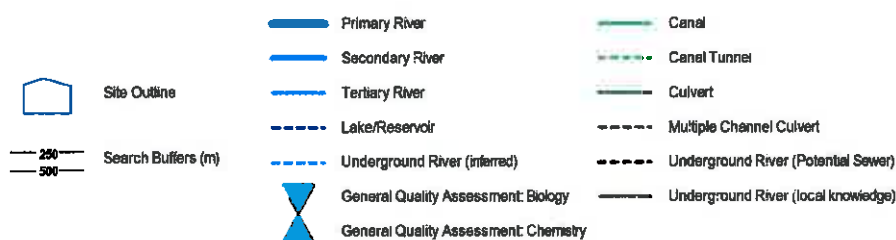
5 e. Hydrology – Detailed River Network and River Quality



Hydrology – Detailed River Network and River Quality



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5. Hydrogeology and Hydrology

5.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? **Yes**

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (5a):

ID	Distance (m)	Direction	Designation	Description
1	74.0	E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	211.0	W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

5.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? **Yes**

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	Designation	Description
1	0.0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

5.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details
3	194.0	E	335910 393769	Licence No: 2569030067 Details: Make-Up Or Top Up Water Direct Source: Ground Water - North West Region Point: Stanley Park Lake Liverpool Data Type: Point Annual Volume (m³): 21128 Max Daily Volume (m³): 155 Original Application No: 7570 Original Start Date: 14/12/2006 Expiry Date: 31/3/2015 Issue No: 1 Version Start Date: 14/12/2006 Version End Date:
Not shown	1717.0	NE	336600 395200	Licence No: 2569031139 Details: Make-Up Or Top Up Water Direct Source: Ground Water - North West Region Point: Underground Strata: Permo-triassic Sandstone At Liverpool Data Type: Point Annual Volume (m³): 37476 Max Daily Volume (m³): 204.7 Original Application No: C8711 Original Start Date: 17/10/2002 Expiry Date: 31/3/2015 Issue No: 1 Version Start Date: 17/10/2002 Version End Date:
Not shown	1876.0	N	335800 395600	Licence No: 2569031105 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: Borehole At Walton Hospital Data Type: Point Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 2875 Original Start Date: 11/3/1992 Expiry Date: - Issue No: 100 Version Start Date: 22/7/1993 Version End Date:

5.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site?

No

Database searched and no data found.

5.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site?

Yes

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (5c):

ID	Distance (m)	Direction	NGR	Details
Not shown	1876.0	N	335800 395600	Licence No: 2569031105 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: Borehole At Walton Hospital Data Type: Point Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 2875 Original Start Date: 11/3/1992 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

5.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

No

Database searched and no data found.

5.7 Source Protection Zones within Confined Aquifer

Are there any Source Protection Zones within the Confined Aquifer within 500m of the study site?

No

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

5.8 Groundwater Vulnerability and Soil Leaching Potential

Is there any Environment Agency information on groundwater vulnerability and soil leaching potential within 500m of the study site? Yes

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Major Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.

5.9 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site? No

5.9.1 Biological Quality:

Database searched and no data found.

5.9.2 Chemical Quality:

Database searched and no data found.

5.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site? No

Database searched and no data found.

5.11 Surface Water Features

Are there any surface water features within 250m of the study site? Yes

The following surface water records are not represented on mapping:

Distance (m)	Direction
117.0	E

A detailed street map of the Kirkdale area in Liverpool. The map shows a grid of streets including Kirkdale Road, Stanley Park Road, and various residential streets. Key landmarks such as Stanley Park, the Registrar's Office, and the Kirkdale School are labeled. A specific area in the center of the map is highlighted with a blue outline, indicating the location of the Kirkdale Police Station. The map also shows the River Mersey to the east and the Liverpool City Centre to the south.



Site Outline

Search Buffers (m)

250

500

Zone 2 Floodplain

Zone 3 Floodplain

Flood Storage Area

Area Benefiting from Flood Defences

Flood Defences



6. Flooding

6.1 Zone 2 Flooding

Environment Agency Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 1 – Environment Agency Flood Map for Planning:

Is the site within 250m of an Environment Agency Zone 2 floodplain? No

Database searched and no data found.

6.2 Zone 3 Flooding

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 1 – Environment Agency Flood Map for Planning.

Is the site within 250m of an Environment Agency Zone 3 floodplain? No

Database searched and no data found.

6.3 Flood Defences

Are there any Flood Defences within 250m of the study site? No

Database searched and no data found.

6.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? No

6.5 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? No

6.6 Groundwater Flooding Susceptibility Areas

6.6.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site?

Yes

Does this relate to Clearwater Flooding or Superficial Deposits Flooding?

Clearwater Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

6.6.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Limited potential

Where limited potential for groundwater flooding to occur is indicated, this means that although given the geological conditions there may be a groundwater flooding hazard, unless other relevant information, e.g. records of previous flooding, suggests groundwater flooding has occurred before in this area, you need take no further action in relation to groundwater flooding hazard.

6.7 Groundwater Flooding Confidence Areas

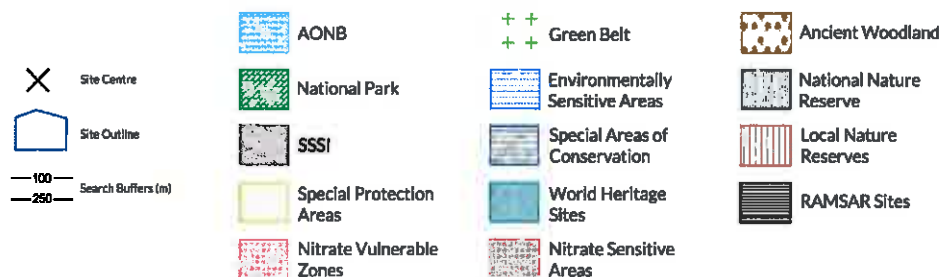
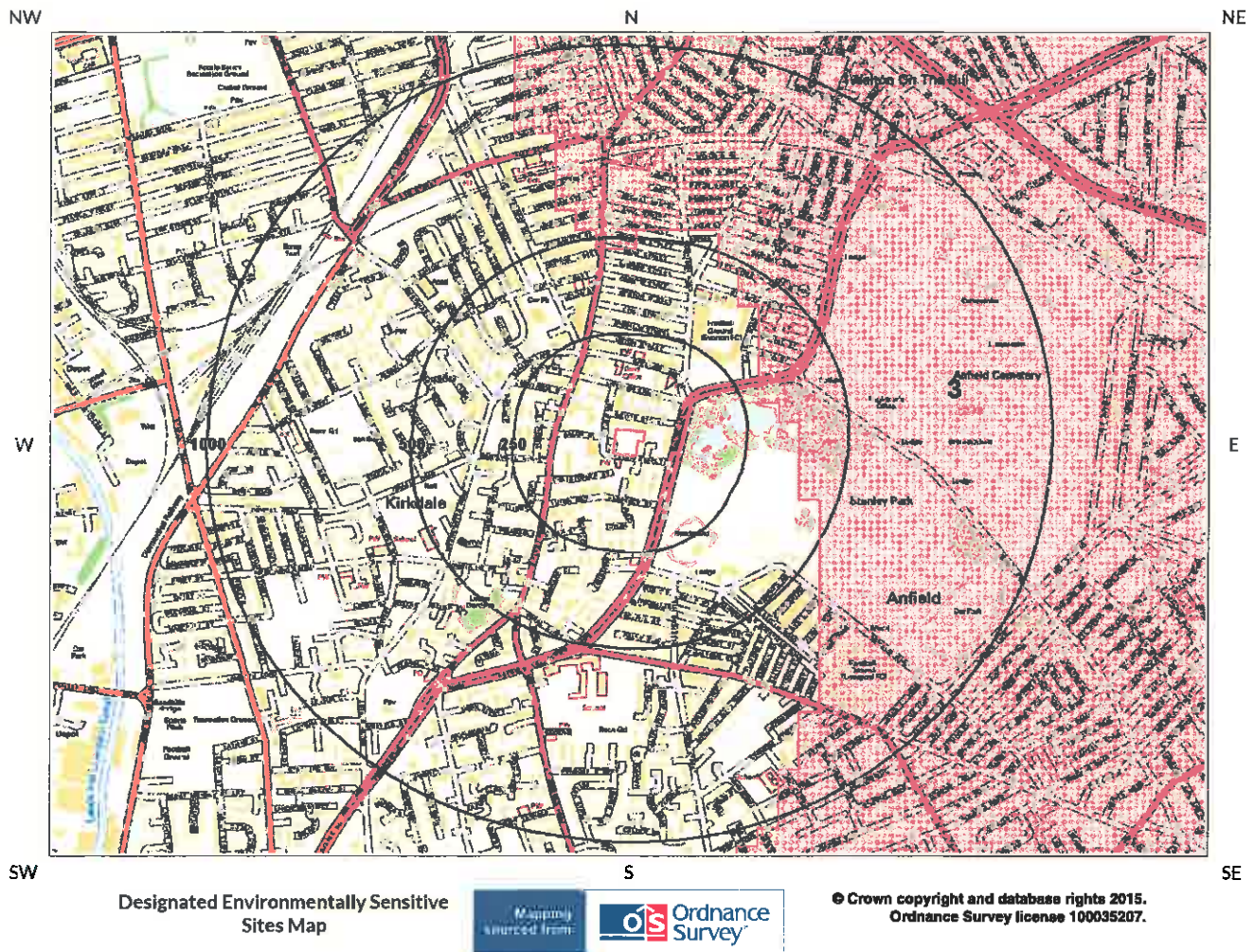
What is the British Geological Survey confidence rating in this result?

Low

Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

7. Designated Environmentally Sensitive Sites Map





7. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? Yes

7.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

0

Database searched and no data found.

7.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

0

Database searched and no data found.

7.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

0

Database searched and no data found.

7.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

7.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

7.6 Records of Ancient Woodland within 2000m of the study site:

0

Database searched and no data found.

7.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

0

Database searched and no data found.

7.8 Records of World Heritage Sites within 2000m of the study site:

2

The following World Heritage Site records provided by English Heritage/Cadw are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	World Heritage Site Name	Data Source
Not shown	1666.0	SW	Liverpool - Maritime Mercantile City Buffer Zone	English Heritage
Not shown	1916.0	W	Liverpool - Maritime Mercantile City	English Heritage

7.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

7.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

0

Database searched and no data found.

7.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

7.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

7.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

1

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
3	289.0	E	Existing	DEFRA

7.14 Records of Green Belt land within 2000m of the study site:

0

Database searched and no data found.



8. Natural Hazards Findings

8.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **GroundSure GeoInsight**, available from our website. The following information has been found:

8.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site? Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Ground conditions predominantly non-plastic. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely likely due to potential problems with shrink-swell clays.

8.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

* This indicates an automatically generated 50m buffer and site.

8.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site?

Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

8.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site?

Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

8.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

8.1.6 Running Sand

What is the maximum Running Sand** hazard rating identified on the study site?

Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

No indicators for running sand identified. No special actions required to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

* This indicates an automatically generated 50m buffer and site.



9. Mining

9.1 Coal Mining

Are there any coal mining areas within 75m of the study site?

No

Database searched and no data found.

9.2 Shallow Mining

What is the subsidence hazard relating to shallow mining on-site*?

Negligible

*Please note this data is searched with a 150m buffer.

9.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site?

No

Guidance: No Guidance Required.

Contact Details

FIND
Telephone: 0845 521 1410
support@findmaps.co.uk
The Top Floor, 222 Borough High Street
London, SE1 1JX



British Geological Survey Enquiries

Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email: enquiries@bgs.ac.uk
Web: www.bgs.ac.uk



BGS Geological Hazards Reports and general geological enquiries

Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 08708 506 506
Web: www.environment-agency.gov.uk
Email: enquiries@environment-agency.gov.uk



Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
<https://www.gov.uk/government/organisations/public-health-england>
Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000



The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk



Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505



Local Authority

Authority: Liverpool City Council
Phone: 0151 233 3000
Web: http://www.liverpool.gov.uk/
Address: Municipal Buildings, Dale Street, Liverpool, L2 2DH

Gemapping PLC

Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England who retain the Copyright and Intellectual Property Rights for the data. PointX © Database Right/Copyright, Thomson Directories Limited © Copyright Link Interchange Network Limited © Database Right/Copyright and Ordnance Survey © Crown Copyright and/or Database Right. All Rights Reserved. Licence Number [03421028]. This report has been prepared in accordance with the GroundSure Ltd standard Terms and Conditions of business for work of this nature.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

"Beneficiary" means the person or entity for whose benefit the Client has obtained the Services.

"Client" means the party or parties entering into a Contract with GroundSure.

"Commercial" means any building or property which is not Residential.

"Confidential Information" means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

"Support Services" means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

"Contract" means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

"Third Party Data Provider" means any third party providing Third Party Content to GroundSure.

"Data Reports" means reports comprising factual data with no accompanying interpretation.

"Fees" has the meaning set out in clause 5.1.

"GroundSure" means GroundSure Limited, a company registered in England and Wales under number 03421028.

"GroundSure Materials" means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

"Intellectual Property" means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

"Mapping" means a map, map data or a combination of historical maps of various ages, time periods and scales.

"Order" means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

"Ordnance Survey" means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

"Order Website" means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

"Report" means a Risk Screening Report or Data Report for Commercial or Residential property.

"Residential" means any building or property used as or intended to be used as a single dwelling.

"Risk Screening Report" means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

"Services" means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

"Site" means the area of land in respect of which the Client has requested GroundSure to provide the Services.

"Third Party Content" means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

"User Guide" means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.GroundSure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions

implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by GroundSure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

(i) full payment of all relevant Fees and

(ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

(i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;

(ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;

(iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);

(iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

(i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;

(ii) any use made of the Reports, Services, Materials or any part of them; and

(iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death

or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

(i) loss of profits;

(ii) loss of business;

(iii) depletion of goodwill and/or similar losses;

(iv) loss of anticipated savings;

(v) loss of goods;

(vi) loss of contract;

(vii) loss of use;

(viii) loss or corruption of data or information;

(ix) business interruption;

(x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;

(xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;

(xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;

(xiii) loss or damage to a computer, software, modem, telephone or other property; and

(xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

(a) supplied to the Client's specification(s) and in any event

(b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in

GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract.

11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English

law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law. © GroundSure Limited June 2013