

8.0 CONCEPTUAL SITE MODEL AND QUALITATIVE RISK ASSESSMENT

8.1 Introduction

Under the current UK environmental legislation (Environment Act 1995, Water Resources Act 1994, Environmental Protection Act 1990 (as amended), Health and Safety at Work Act 1994, Town and Country Planning Act 1990 and Building Regulations 1985), land is defined as contaminated if there is a significant 'pollutant linkage'. This requires evidence of the presence of a contaminant "source", a "pathway" through which contaminants could travel, and a "receptor" that could be harmed by the contaminant. In addition, the type of receptor and any harm must meet the descriptions of significant harm given in the statutory guidance. A site where a contaminant is causing, or is likely to cause, significant pollution of controlled waters also constitutes contaminated land.

This section of the report presents a Conceptual Site Model (CSM), which includes a qualitative assessment of environmental risks associated with each of the pollutant linkages identified. The tabulated and illustrated CSM is provided in Appendix C.

The qualitative risk assessment is achieved by classifying the likely significance or severity of the risk and the probability of the risk actually occurring, to determine an overall risk for that particular pollutant linkage. The assessment has been undertaken with cognisance of:

- The nature, volume and extent of any identified contamination source;
- The potential pathways;
- Identified primary receptors; and
- Due regard to the current site status and potential future site redevelopment.

8.2 Ground Contamination Tier 1 Screening Assessment

The objective of the Tier 1 Screening Assessment presented herein is to identify the chemical constituents analysed which might potentially pose unacceptable levels of risk to sensitive on-site and off-site receptors. Measured concentrations in soil have

been compared with various sets of Tier 1 Screening Values (TSVs). Where measured concentrations exceed these levels this does not necessarily indicate a requirement for remediation; it can however, be the trigger for the undertaking of a more detailed quantitative assessment in accordance with the current UK tiered risk assessment framework.

8.2.1 Human Health

Soils

In March 2014, DEFRA published the 'C4SLs' within the 'Policy Companion Document: Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination' (SP1010). The purpose of the C4SLs is to identify a concentration in soil indicative of Category 4 status as defined by Part 2a Statutory Guidance⁸ on the definition of contaminated land. In September 2014, further clarification was published in a letter from Lord DeMauley to Local Authorities instructing them to use C4SLs in planning. Where available C4SLs have been used as the preferred choice of screening criteria.

For those constituents where no C4SL has been published by the EA / DEFRA, WYG have screened soil against Suitable for Use Levels (S4ULs)⁹.

The future development proposals and end use of the site is currently unknown. Therefore, for the purposes of this risk assessment, the most conservative human health criteria for soils applicable to a residential end use have been used in order to screen the site data.

A number of TSVs are dependent on the Soil Organic Matter (SOM) content, and as such TSVs are typically calculated for a SOM of 1%, 2.5%, and 6%. SOM of 1.57% was calculated for samples taken from the topsoil and a mean SOM of 0.72% was

⁸ Published by DEFRA in 2012 the guidance defines four categories of Category 4 is considered the least contaminated; "there is no risk or that the level of risk posed is low"

⁹ Nathaniel C.P., McCaffrey, C., Gillet, A.G., Ogden R.C., and Nathaniel, J.F. 2015. *The LQM/CIEH S4ULs for Human Health Risk Assessment*

calculated for samples taken in superficial deposits. For this reason, GACs corresponding to a SOM of 1% have been used for the screening of the samples.

8.2.2 PFAS

PFAS is currently classified by the EA¹⁰ and USEPA as a “contaminant of emerging concern” which is a term used to identify chemicals and other substances that have no regulatory standard, have been recently “discovered” in natural waterways (often because of improved analytical chemistry detection levels), and potentially cause harmful human health effects and impacts to aquatic life at environmentally relevant concentrations.

PFAS assessment is not currently included in routine monitoring programs, however their relevance to this specific site has been evaluated on the basis that a former fire station occupied the central area of the site near to the location of the proposed Pavilion. PFAS are associated with fire retardant materials and fire extinguishers, most notably Aqueous Film Forming Foam (AFFF) extinguishers and may be candidates for increased regulation depending on their (eco)toxicity, potential health effects, public perception, and frequency of occurrence in environmental media.

PFAS are stable, persistent and mobile (soluble) chemicals and exposure pathways include ingestion of drinking water (primary), plus direct contact and respiratory systems. Evaluation methodology of the hazards posed by PFAS and the associated screening criteria are emerging and current Soil Screening Values (SSV) have also been published by the Environment Agency at 0.014 mg/kg Dry Weight (normalised to 3.4% Soil Organic Matter (SOM)) and 0.022 mg/kg (normalised to 3.4% SOM) based on secondary poisoning to birds and mammals.

8.2.3 Tier 1 – Soil Screening

22No. soil samples obtained from the near surface materials on site were submitted for chemical laboratory analysis. Full copies of laboratory certificates for all soil

¹⁰ **Environment Agency:** Perfluorooctane sulfonate (PFOS) and related substances: sources, pathways and environmental data (October 2019)

analyses are included as Appendix H and these results have been screened against the values detailed in Table 8.1.

Based on the proposed end land use for the development the screening criteria defined as Residential without plant uptake and a 1% Soil Organic Matter content is considered conservative. Table 8.1 below summarises that even when adopting conservative screening criteria only limited determinants exceed their respective screening criteria.

Table 8.1 Soil Screening Results

Contaminant	Units	GAC	No. Samples	No. > GAC	Exceedance Concentration	Location and depth (m bgl) of exceedance
pH		<5, >9	34	2	None	
Beryllium	mg/kg	1.7	17	1	1.86	WS07b (0.8-09m)
No further exceedances to GAC						

The exceedance of pH occurs in several locations but is not considered to present a risk to human health as it is only marginally below the general acceptance criteria, however, the low pH recorded has also been considered in the context of the aggressive chemical conditions for concrete (Section 7.8).

8.2.4 Asbestos Screening

22No. samples were analysed for the presence of asbestos comprising samples from a range of depths. Potential Asbestos Containing Materials (ACMs) were not identified in any sample.

8.2.5 Controlled Waters Reference Criteria

The superficial geology is classified by the Environment Agency (EA) as a Secondary Undifferentiated Aquifer whilst the underlying bedrock is defined as a Principal Aquifer. The nearest groundwater abstraction permit exists 118m northeast of the

site, relating to Rank Xerox Ltd, allowing abstraction for industrial processing. The site is located within a groundwater Source Protection Zone III.

Groundwater was not encountered during the investigation and therefore no groundwater samples were collected and submitted for laboratory analysis. It is also noted that soil screening confirmed limited evidence of contamination sources within the soils overlying the aquifer (Section 8.2.1), and therefore no further laboratory assessment of the potential for mobilisation of any contamination encountered (e.g via leachate assessment) has been undertaken.

9.0 GROUND GAS ASSESSMENT

9.1 Introduction

Three return visits to the site were made on the 06th December 2019, 13th December 2019 and 07th January 2020 to undertake land gas monitoring.

A full factual record of the monitoring visits is presented in Section 6.11 and Appendix F.

9.2 Potential Sources

Based on the information obtained as part of the desk study assessment and the findings of the site investigation three potential sources of soil gas have been identified on the site and in the surrounding areas.

As such the potential sources of soil gas are considered to be:

- Made Ground;
- Historic railway;
- And the underlying White Chalk outgassing via dissolution processes.

9.3 Data Summary

Table 9.1 summarises the minimum and maximum soil gas concentrations and flows obtained during the three monitoring visits. Using the CIRIA C665 ^{ref 11} guidance on Ground Gas the greatest flow rate and greatest concentrations of ground gases are combined to reflect a worst-case scenario. The ranges of concentrations at each location do not necessarily correspond to the same monitoring date but represent the maximum readings across the monitoring programme to allow an assessment the gas concentrations on a worst-case scenario basis.

¹¹ CIRIA - C665 Assessing Risks posed by hazardous ground gases to buildings (2007)

Table 9.1 Summary of Ground Gas Monitoring Data

Location	Atmos- pheric Pressure (m bar)	Max CH ₄ (peak) (% vol)	Max CO ₂ (peak) (% vol)	Min O ₂ (steady) (% vol)	Max CO (steady) (ppm)	Max H ₂ S (steady) (ppm)	Max BH flow (peak) (l/h)
WS01	1015	0.3	3.0	18.6	<1	<1	0.5
WS03	1015	0.3	3.2	17.5	<1	<1	0.5
WS05B	997	0.1	7.1	14.2	0.1	<1	0.4
WS09	1015	0.3	10.6	10.2	<1	<1	0.3
BH01	1015	1.0	7.2	1.6	0.0	<1	0.3
BH02	1015	0.3	9.6	10.6	13.0	<1	0.5
BH03	1015	0.5	6.4	12.8	6.0	<1	0.5
BH04	1012	0.3	4.5	17.2	1.0	<1	0.5
BH05	1014	0.4	2.8	15.8	5.0	<1	0.5
BH06	1015	0.3	1.8	18.7	9.0	<1	0.5

9.4 Ground Gas Risk Assessment Methodology

The key reference documents which have been used to undertake the semi-quantitative land gas assessment presented in this report are as follows:

- BS 8485 (2015) Code of Practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings; and
- CIRIA C665 (2007) Assessing risks posed by hazardous ground gases to buildings.

These documents provide a framework for assessment of land gas risk to buildings/structures with a range of foundation designs. The collected data has been used for the purposes of undertaking a semi-quantitative assessment in

accordance with BS8485 methodology, a worst-case assessment has been undertaken with the peak soil gas concentrations recorded during all the monitoring visits used in conjunction with the maximum flow rate. The calculation used to calculate the borehole hazardous gas flow rate for the site, together with the relevant definition of units, is as follows:

$$\begin{aligned}
 \text{GSV} &= \text{flow rate} \times \text{gas concentration} \\
 Q_{hg} &= q \times C_{hg} \\
 \text{(litres of gas/hr)} &= \text{(litres per hour)} \times \text{(volume/100)}
 \end{aligned}$$

9.5 Ground Gas Risk Assessment

Based on the maximum flow recorded of 0.1 l/h and the maximum concentrations of methane and carbon dioxide recorded during the soil gas monitoring the following Hazardous Gas Flow Rates have been calculated (Table 9.2).

Table 9.2 GSV Calculation

Gas	Max Concentration (%)	Max Flow Rate (l/hr)	Q _{hg} (l/hr)	Characteristic Situation
Methane	1.0	0.5	0.005	CS1 (Very Low Risk)
Carbon Dioxide	10.6	0.5	0.053	CS1 (Very Low Risk)

Based on this initial risk assessment the site is considered to be representative of Characteristic Situation 1 (Very Low Risk).

9.6 Summary

Ground gas monitoring indicates the presence of elevated concentrations of carbon dioxide, up to a maximum concentration of 10.6 % v/v. Only minimal flow rates have been recorded (0.5 l/hr).

CO₂ was also recorded in the deep installation within the White Chalk (9.6% peak value in BH02) suggesting that the White Chalk is a CO₂ source and that high levels recorded at shallower levels within Made Ground have a natural origin, which is also suggestive of a hydraulic continuity between these materials.

The resultant GSV calculations indicate the site is representative of Characteristic Situation 1. In the event that buildings are proposed within the development, ground gas protection measures in line with the CS1 classification are likely to be required.

10.0 CONCEPTUAL SITE MODEL

10.1 Introduction

A preliminary conceptual site model (CSM) and qualitative risk assessment was provided as part of the WYG Desk Study Report¹². Updates to the CSM and risk assessment of potential contamination linkages to receptors made based on the intrusive site investigation works, monitoring and laboratory assessment are discussed as follows.

10.2 Summary of Potential Ground Contamination Risk

Based on the review of the available information and ground investigation results, the following potential sources have been identified pertaining to the site.

10.2.1 On-site Sources

The only confirmed source of onsite contamination is the Made Ground within which a single minor exceedance of beryllium was encountered (WS07b). The soils generally showed limited significant visual / olfactory evidence of contamination.

The slight exceedance of Beryllium presents a potential risk in the form of contact, ingestion and primarily dust exposure, which although considered low given the marginal exceedance, does raise the potential that further and more significant contamination could be present. Further investigation would therefore be required to confidently confirm the presence / absence of any localised impact from historic activities.

Potential sources of contamination identified at the site include the following:

- **Made Ground** associated with the site's development, including the construction of the Bridge Road embankment, the establishment of hardstanding areas to form the road and carpark surfaces, and the Luton and Dunstable branch railway line in the North Area (now removed). There is also

¹² WGC Campus West DTS V1 (November 2019)

considered to be limited potential for imported materials associated with unidentified disposal activities such as fly tipping.

- **Various historical industrial site activities**, notably the branch railway line crossing the north area, which can be associated with incidents of contamination from hydrocarbons, heavy metals and asbestos; and the Fire Station in the central area, which in addition to common contaminants identified above, can also be associated with PFAS¹³ contamination.
- In addition to the above, the site is currently (and historically) frequented by vehicles, which are considered to be potential sources of contamination via fuel/oil leaks (hydrocarbons), brake pad dust (which historically contained asbestos) and through vapours and airborne particulates emitted from exhaust systems.

Only limited evidence of contamination was determined on recovered soils samples (Beryllium in WS07b) and this contamination was evidently isolated and restricted to the Made Ground.

10.2.2 Off-site Sources

Offsite sources can influence onsite soil and groundwater quality in addition to ground gases affecting the site, if a viable pathway is present. Potential contaminative sources offsite include the following:

- The adjacent major roads running next to the site have the potential to impact the ground through the introduction of imported soil, or for surrounding soils to have been directly impacted from spills on the road or to impact water from spills entering the drainage systems.
- The adjacent railway line which was constructed during a time where use of materials producing contaminants such as asbestos in buildings and infrastructure, imported soils, and fused ash removed from furnaces which can include heavy metals and hydrocarbons.

¹³ acronym for perfluoroalkyl and polyfluoroalkyl substances

- Several Petrol Filling Stations have been identified within 1km of the site. Both active and obsolete stations have the potential to cause contamination to the surrounding area via sub-surface leaks and leaching, affecting the soil and groundwaters.
- Historic gasholders, which are associated with a wide range of potential contaminants were identified to the east of the site.
- Numerous recorded waste facilities in the areas surrounding the site.

Other off-site sources of contamination include the electric power station identified to the southeast of the site, the industrial units to the northeast, and the sewage works to the east, all of which are associated with a wide range of contaminants including hydrocarbons, PCBs and pathogens.

The absence of obvious significant visual / olfactory evidence of contamination during the investigation and the limited exceedance of GAC during tier 1 screening for contaminants typically associated with the above suggests limited potential for impact to the site from the above sources.

10.3 Risk Pathways

Key environmental pathways and exposure routes by which potentially contaminative substances can reach environmental and human health receptors are considered to be:

- Lateral and vertical transport of potentially mobile contaminants as dissolved phase (i.e. leaching through unsaturated strata or lateral transport through advective groundwater flow and/or diffusion which can be facilitated via service ducts and drainage infrastructure).
- Lateral/vertical transport of liquid products (i.e. under gravity via path of least resistance);
- Lateral and vertical migration of gases/vapours via advective flow or through diffusion;
- Atmospheric transport (and potential inhalation) of airborne dusts, vapours and fibres;

- Surface run-off;
- Chemical attack from aggressive contaminants;
- Dermal contact and ingestion of soil and soil derived dust; and
- Plant uptake.

10.4 Receptors

The following are considered to be sensitive receptors:

Human Health Receptors:

- Current Site Users;
- Construction Workers;
- Future Site Users;
- Adjacent land Users (commercial, residential, industrial);
- Groundwater (Principal and Secondary Aquifers);
- Surface waters (including stream located along the northern boundary of the site along the border between the current site and the residential properties to the north and the surface water features located 0.95km northwest of the site);
- Building materials (concrete foundations and potable water pipes); and
- Soft Landscaping (areas of planting – trees and shrubs).

Appendix C sets out the Qualitative Risk Assessment methodology used to determine the risks levels discussed as follows and summarised in Table C.4 (Appendix C).

10.4.1 Current Site Users

The site currently comprises public and commercial buildings, roads, pavements, car parks with associated managed soft landscaped areas. Much of the site is covered with hardstanding providing a barrier to contact with the underlying Made Ground. Pathways for direct contact with Made Ground exist in the soft landscaped areas. Therefore, a **Low** (unlikely and mild consequence event) risk has been

identified on site from the limited Made Ground source. This is locally upgraded to **Low to Moderate** in areas of managed soft landscaping.

10.4.2 Future Site Users

Although detailed development plans are not available at the time of this assessment, likely proposed Future site users could include residents, managed soft landscaping and workers. Only limited potential for areas of contaminated Made Ground and historic contaminant sources have been identified, including slightly elevated levels of CO₂ in the ground from ground gas assessments. This, however, is expected to be from the underlying chalk rather than anthropogenic sources (see Section 9).

Following intrusive investigation and monitoring, no significant sources of contamination have been identified underlying the site and it is appropriate to reduce the risk rating from Moderate in the preliminary assessment, to **Low** (unlikely and mild consequence event) with the assumption that much of the hard stand covering is likely to remain.

This is locally upgraded to **Low to Moderate** in areas of managed soft landscaping and this risk can be managed through the importation of adequate Topsoil in landscaped areas. Additionally, the remaining factors of concern, such as the elevated CO₂ levels can be delineated further through appropriate design and if required, mitigation.

10.4.3 Construction Site Workers

Limited evidence of contamination sources associated with Made Ground and historic industrial activity has been identified on site, however residual risks would still require mitigation during groundworks, where contractors have the potential to be exposed to contaminated soils (including potential asbestos).

Potential exposure to contamination could occur through dermal contact, inhalation and ingestion of soil / dust / fibres (e.g. inhalation of Beryllium dust). Construction workers (including groundworks contractors) are also potentially at risk of exposure to ground gases, and the potential for hazardous accumulation of gases within excavations should be considered. No significant sources of contamination were

identified during the site investigation and the monitoring rounds only identified elevated concentrations of CO₂ which may be occurring naturally as a result of chalk dissolution in the ground.

Any potential exposure to contamination by groundworkers at the site is likely to be of relatively short duration and exposure can be mitigated through implementation of controls, e.g. the implementation of a Construction Environmental Management Plan, including Personal Protective Equipment (including gloves). As a result of these factors, it is considered appropriate to reduce the risk rating to **Low to Moderate**.

10.4.4 Adjacent Land Users

Immediately adjacent land use is primarily residential (west), commercial (east) with landscaped / wooded areas to the north and south. Based on the limited potential for transportation pathways to be present, the risk posed by the site to adjacent land users is considered to be **Low** (unlikely probability of medium consequence event).

The depth, flow direction and baseline condition of the groundwater has not been established, however residual risks are largely mitigated by the anticipated depth of the groundwater (>30m bgl), and the presence of a fine soil layer which limits hydraulic continuity. These conditions are likely to continue beyond the site boundary into the immediate surrounds, limiting the risk of exposure.

Note that potential risk of harm to health is perceived as rising to **Moderate** during any future groundworks undertaken as part of site redevelopment due to the potential for dust generation and transport of contaminants as windblown dusts (e.g. Beryllium) / fibres particularly if extensive groundworks are required. It should be possible however to mitigate against these risks by development and implementation of appropriate working strategies and employing relatively basic mitigation measures (dust suppression, stockpile management, boundary monitoring).

10.4.5 Groundwater

Referring specifically to the Superficial Deposits and White Chalk, the Site overlies Secondary A and Principal Aquifers within a Source Protection Zone. These aquifers

were identified as sensitive receptors and were therefore considered to be key targets of the scoped intrusive investigations. However, the groundwater proved to be below the limits of the investigation (greater than 30m bgl) and therefore the chemical quality could not be assessed to confirm its quality and whether there has been any historic impact from mobilised contamination.

Notwithstanding the above, only limited potential for contamination sources has been identified by laboratory analysis of the soil samples, and this potential is confined to the Made Ground. Furthermore, pathways to the underlying aquifers are limited by the presence of a layer of low permeability Superficial Deposits and the extent of the separation layer between the Made Ground and the aquifers.

Therefore, the residual risk is considered to be **Moderate** (Unlikely but of a severe consequence). This conservative classification is cognisant of the groundwater depth which was beyond the scoped depth of the investigation, preventing the recovery of groundwater samples and associated laboratory assessment which has resulted in a relatively high degree of uncertainty.

10.4.6 Surface Water

A surface watercourse identified as a stream in the Envirocheck report flowing east, is present, adjacent to the north of the site. This feature is partly covered, i.e. within a culvert and partly remains an open watercourse. Due to the potential connectivity of the site drainage infrastructure, which provides potential migration pathways to the watercourse, the risk to surface waters is considered to be **Low to Moderate** (Low Likelihood / medium consequence event) and is largely dependent on a well maintained and adequate drainage interceptor system to contain flows of storm water potentially picking up, fuel / oil spills and dust washed from the hardstand areas of the carpark.

10.4.7 Building Materials and Services

Building materials in the form of concrete, such as foundations, and services such as potable water pipes may be subject to chemical attack and degradation from contaminants within near surface soils (aggressive ground), although this is

considered unlikely due to the limited evidence of contamination encountered.
Characteristic parameters for concrete design are discussed further in Section 7.7.

The risk to building materials is therefore considered to be **Low** (low likelihood of a mild consequence event).

10.4.8 Soft Landscaping

Trees and shrubs may be affected by phytotoxic contaminants within near surface soils, however there is considered to be limited potential for contaminant sources to be present at the site, and no obvious visual signs of stress to vegetation was noted. Therefore, the risk to soft landscaping across most of the site is considered to be **Low** (low probability of a mild consequence event), providing phytotoxicity of soils is considered for future planting and a suitable growing medium / topsoil is provided where required.

11.0 GEOTECHNICAL CONSIDERATIONS

11.1 Proposed Development

At the time of compilation of this report (during January 2020), the scheme was at concept stage, the details of which were not available, however it was understood that proposals included a mixture of residential and commercial developments with landscaped areas

11.2 Chalk Dissolution Features

A key consideration for the selection of foundation types adopted for future large-scale development relates to the potential for weathering features within the White Chalk which could affect the stability of the soils underlying foundations.

A risk assessment indicates that the site has a High risk of chalk dissolution feature related metastability and subsidence (section 3.2).

With respect to the ground conditions encountered during the investigation, the depth to the surface of the chalk has been confirmed to be of variable depth ranging between 7.90 and 12.40m bgl. This variable depth is considered typical of karstic type environments where possible dissolution features, characterised by bedrock depressions, have been identified by the limited deeper investigation information.

CIRIA C574 draws attention to the fact that dissolution of the chalk can cause zones of metastability within the chalk and the overlying superficial deposits, particularly when concentrated groundwater flows are also present.

It is however noted that groundwater was not encountered during the investigation and although the White Chalk surface was variable and displayed variable geotechnical properties, this variance reduced at deeper levels within the chalk where a general increase of chalk quality has been assumed from increases in SPT N. Furthermore, the overlying superficial deposits were confirmed to provide a cover of at least 3.90m of soils below the Made Ground which displayed relatively consistent geotechnical properties across the site.

On this basis the risk level of chalk solution metastability is reduced when considering conventional shallow foundations (discussed further in Section 12.4).

However it is recommended that conservative parameters (lower bound values) are taken into consideration for the White Chalk for deeper substructures such as piles (discussed in Section 12.4), and that further local investigation is undertaken to confirm the anticipated conditions to appropriate depths to provide information for detailed design of specific structures.

11.3 Conventional Spread Foundations

Given the discussion presented in Section 12.2, the adoption of conventional spread foundations (e.g pad or strip foundations) are likely to be viable for smaller scale structures and broadly distributed loads.

Due to potential variability in composition and consistency of the Topsoil and Made Ground it is anticipated that these soils, if loaded, may give rise to unpredictable and unacceptable total and differential settlements. It is therefore recommended that foundations pass through the Made Ground and bear onto the underlying Superficial Deposits.

In consideration of allowable bearing pressures alone, calculations based on the Brinch Hansen method ^{ref 14} have estimated that a net allowable bearing capacity (NBC) of the order of **140kN/m²** would limit settlement to less than 25mm and could be achieved for a 2m wide strip foundation bearing at a depth of 1.50m bgl within the Lowestoft Formation.

Foundations may need to be constructed at deeper levels in some areas of the site where a thicker layer of Made Ground was encountered (e.g. within the Central Area including the site of the proposed pavilion), and in some areas, conventional shallow foundations may prove to be impractical due to the depth of excavation required to construct the foundation. In such circumstances alternative foundation solutions such as piles or ground improvement may need to be considered.

It is noted that this calculation has adopted the conservative parameters of the lower consistency fine soils ($C_u = 50\text{kN/m}^2$) which were more prevalent in the South

¹⁴ Brinch Hansen (1970) Referenced in Foundation Design and Construction *M.J. Tomlinson (2001)*

Area and north boundary of the North Area. Higher NBCs are potentially achievable at deeper levels where consistencies typically increase, or in localised areas of the Site where predominantly coarse soils are more prevalent at this depth.

It is also noted that the fine Superficial Deposits were determined to be of low volume change potential. Therefore, developments planned within the vicinity of existing trees (or areas of planned tree planting) need consider the recommendations in the document NHBC Chapter 4.2 ^{ref 15} which details the foundation depth required to avoid the zone of influence of various tree types.

11.4 Piled Foundations

Piled foundations will be required to support more extensive developments where foundation loads are considered too high for the adoption of conventional shallow foundations. A choice of pile type of various lengths and diameters can be designed to bear into the strata encountered beneath the site. However, general site conditions, environs and proximity to adjacent extant structures and foundations are all influential in choice of piling system.

In consideration of the prevailing conditions and the anticipated scale of the scheme, Continuous Flight Auger (CFA) piles are likely to provide a practical and cost-effective solution due to limited generation of arisings and relatively quick installation. It is noted that certain practical constraints apply, for example when considering the incorporation of pile reinforcement or geothermal exchange systems, and pile emplacement in ground with potential obstructions.

There is also the risk of collapse or necking of the pile bore should the flights be withdrawn, and the hole left unsupported (most notably within the coarse Lowestoft Formation and weathered White Chalk). For these reasons it is recommended that a competent and experienced specialist piling contractor undertakes all piling works, adopting appropriate controls and that their advice should be sought at the earliest opportunity.

¹⁵ Chapter 4.2 'Building near trees' - NHBC Standards 2011

To provide an indicative assessment of pile capacities for the purposes of this illustrative exercise, variations in strata thickness have been averaged in a simplified model of ground conditions and characteristics as indicated in Table 11.1.

Table 11.1 Example Ground Model and Parameters for Preliminary Pile Assessment

Stratum	Made Ground	Lowestoft Formation		White Chalk (Grade Dm)	White Chalk (Grade Dc)
		Fine	Coarse		
Thickness (m)	2.0	4.0	4.0	10	5
SPT N	-	20	30	<25	25
N_q	-	-	60	-	-
N_c	-	9	-	-	-
Cu (kN/m²)	-	90	-	-	-
Q Base (kN/m²)	-	-	-	600	1000
γ (kN/m³)	17	19	19	18	18
α	-	0.45	-	0.45	0.45
β	-	-	0.30		

N_q, N_c: Bearing capacity factors, Cu: Undrained shear strength, γ bulk density, α: adhesion, β : shaft friction coefficient value, Q base: limited to recommended CIRIA values (Chalk only)

It is anticipated that seasonal variations in groundwater levels may occur but that these variations would not be of sufficient magnitude to cause significant short-term effective stress variations. The ground model has consequently assumed an equilibrated groundwater table below the assessment depth.

The competency of the soil profile used for these calculations is based on in situ testing, principally SPTs, where estimation of undrained shear strengths (Cu) of the encountered fine soils have been calculated using the empirical correlation $Cu \text{ (kN/m}^2\text{)} = 5 \times \text{SPT N}$, and the results of direct laboratory determination of shear strength by undrained triaxial compression tests conducted on samples of fine soils.

An adhesion factor (α) of 0.45 has been adopted for the fine soils and chalk and is considered constant and independent of the weathering grade of the chalk.

Considering the risks of metastability, a key factor influencing the pile capacity is the variable depth of the chalk, and the associated parameters of this stratum will need to be considered in pile capacity assessments at deeper levels, particularly when considering the end bearing contribution to the pile capacity assessment.

CIRIA C574 ^{ref 16} recommends that the unfactored allowable unit area base resistance is restricted to between 600 kN/m² and 800 kN/m² for low density chalk, i.e. where SPT N values are generally less than 25. Based on the low N values determined during the investigation, this limiting parameter applies universally across the site to the maximum depth investigated, and therefore, a value of 600kN/m² has been used for this indicative assessment. A depth of 20m bgl is modelled for the surface Grade Dc chalk (where SPT N is typically >25) and the calculations use an unfactored allowable unit area base resistance which is restricted to the lower bound CIRIA recommended value of 1000 kN/m².

No positive skin friction has been included from the Made Ground.

Service capacities for a range of possible founding depths and pile dimensions have been calculated for CFA piles as outlined below in Table 11.2

Table 11.2 Preliminary Pile Assessment Using Simplified Ground Model

Base Strata	Pile Embedment Length (m)	Pile Diameter (m)		
		0.30	0.45	0.60
		Service Capacities (kN)	Service Capacities (kN)	Service Capacities (kN)
Lowestoft Fm - Coarse	8.00	310	640	1070
White Chalk (Dm)	13.0	280	470	680
White Chalk (Dc)	20.0	540	860	1210

FOS Applied : 1.5 QShaft, 3.5 QBase

Table 11.2 demonstrates that the contribution to the factored shaft capacity from the upper levels of the pile installed through the superficial deposits may not

¹⁶ CIRIA C574: Engineering in Chalk (CIRIA Lord et. al 2002)

compensate for the potential loss of factored base contribution for piles embedded at deeper levels into the Grade Dm White Chalk.

This results in a 'punch through' effect which leads to initially lower capacities for piles installed into the chalk. In normal circumstances and depending on the dimension and axial load on the pile, a cover depth of at least 5m below the base of the pile would be required to safely ignore the factored and potentially reduced contribution to the base capacity from the underlying chalk.

11.5 Floor Slabs

Ground bearing floor slabs will be susceptible to differential settlements induced by the variable Made Ground and seasonal volume changes which are potentially above typical design tolerance levels. Therefore, based on the current assessment of risk for such features, it is recommended that consideration is given to suspended floor slabs until further development footprint specific testing is undertaken and the risk rating reviewed.

Should the risk of such features be reduced following further localised, structure specific investigation or remedial ground improvement work, floor slabs constructed to bear directly onto the Superficial Deposits and possibly the Made Ground could be considered providing that soils are checked for consistency at formation level.

Owing to the silt content, ground bearing floor slabs for unheated or open structures should be considered to be frost susceptible near to ground level and should therefore incorporate a 300mm layer of compacted granular material to mitigate the potential for damage due to frost heave during extended periods of freezing conditions.

11.6 Pavements

Based on the assessment of available data and with reference to the Design Manual For Roads and Bridges ^{ref 17} indicative CBR values are likely to be variable across the

¹⁷ Highways Design 25/94 Volume 7 Section 2 Table 2.1

site and will be influenced by the presence by the existing areas of hardstanding and subbase.

Within the existing carpark area, a CBR of greater than 10% might be considered viable within the coarse Made Ground (subbase). However, consideration will also need to be given to the variable composition and thickness of these soils, as there is a risk of localised areas of significantly lower CBR introduced by localised pockets of fine or loose soils.

A reduced CBR of 1% to 2% will need to be adopted for predominantly fine soils in peripheral landscaped areas of the site.

Ultimately, the risk of local variance is considered to be high and therefore CBR design values will need to be confirmed from in-situ testing along the routes of proposed pavements, with arrangements for stripping and replacement with compacted engineered fill where required in place during earthworks.

11.7 Chemical Attack on Buried Concrete

Chemical tests for pH and both acid and water-soluble sulphate were undertaken from 12No. samples. A summary of the test results including the corresponding Design Sulphate Class (DS), as defined in BRE SD1, and the Aggressive Chemical Environment for Concrete (ACEC) is presented in Table 7.8.

In summary, it is recommended that ACEC 1s DS-1 classification concrete is used for the construction of substructures.

It is noted that the groundwater levels were beyond the depth investigated, however deeper proposed sub structures such as piles may need to consider conditions below the groundwater table where low pH conditions in mobile groundwater would need to be reviewed in line with BRE SD1.

11.8 Temporary Works

Shallow excavations remained stable during the investigation, however, owing to the variability of the shallow soils, there is potential for excavations to be unstable. It is therefore likely that temporary excavations will require battering back during

excavation, and in line with good working practices, man entry into excavations greater than 1.2m deep should only be carried out where shoring is in place.

Shallow groundwater was not encountered during the investigation; however, it is anticipated given the nature of shallow depth material, that there is a high potential for perched water ingress particularly after prolonged periods of precipitation and dewatering may therefore be a requirement. It is recommended that dewatering is undertaken in accordance with the guidelines of CIRIA C515 Groundwater control – Design and Practice.

12.0 CONCLUSIONS

12.1 Risk Assessment Summary

Based on the conceptual site model and qualitative assessment of pollutant linkages discussed in Section 10 the following risk levels have been assigned. These risks relate to future long-term use of the site and temporary risks during redevelopment activities. The risk levels have been assigned without consideration of remediation / risk management activities:

- Current Site Users – **Low** (Low to Moderate in areas of landscaping)
- Future Users – **Low** (Low to Moderate in areas of landscaping)
- Construction Site Workers – **Low** (on implementation of CDM)
- Adjacent Site Users – **Low** (**Moderate** during ground works)
- Groundwater – **Moderate**
- Surface Waters – **Moderate**
- On-site buildings and services – **Low** (Moderate in mobile groundwater conditions)
- Soft Landscaping – **Low**

It should be noted that where a range of risks were identified in relation to a receptor, a worst-case scenario has been adopted. In summary, the overall risk to the human health of present and future site users and environmental receptors in terms of ground contamination present by this site is considered to be **Low** as a result of the range of potential contaminant sources, both on and off the defined site.

The most significant residual risk is associated with the underlying aquifer, and regulators may need further information to review this risk at planning stage. Further intrusive investigations may therefore be required to establish the baseline condition and any potential impact from the Made Ground and leachable contaminants to the aquifer, particularly if piled foundations are considered which could create additional pathways from the Made Ground.

Ground gas risks will be mitigated through adherence to CIRIA guidance and the general venting typical of this kind of development, however further consideration may be required where enclosed spaces are proposed.

Geotechnical

It is understood that a two-storey decked carpark development is proposed and the loads and load configuration have not been confirmed at this stage.

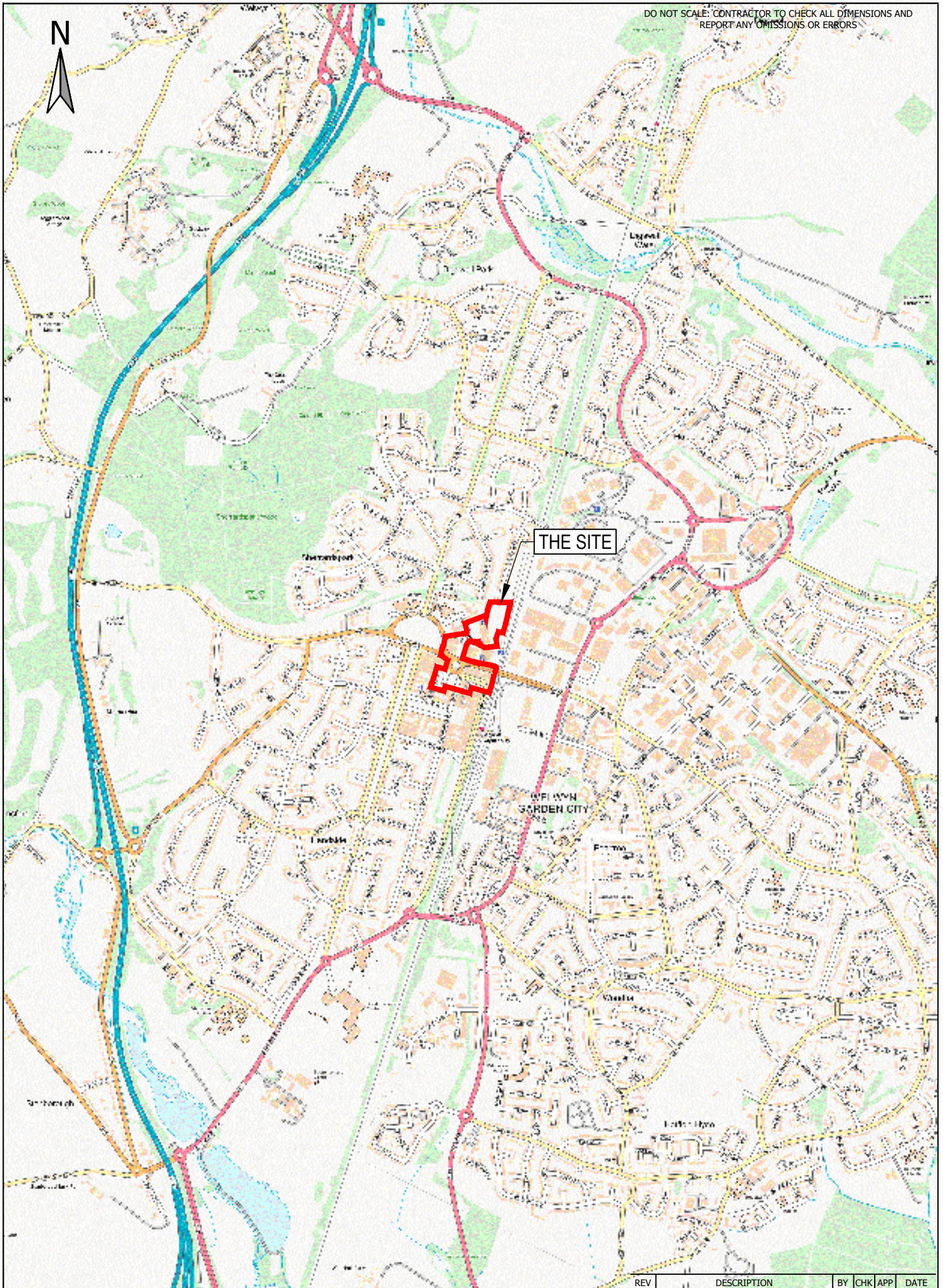
Based on the encountered conditions key geotechnical risks are summarised as follows:

- Metastability (chalk solution features) – **High**
- Variable soils (Made Ground/ Superficial Deposits) – **Low to Medium**
- Remnant Substructures (hard spots and voids) – **Medium**
- Shrinkable soils (near to existing / proposed trees) – **Medium**

Depending on the type of structure and load distribution, the investigation has shown that near surface soils may have sufficient bearing capacity for use of traditional shallow foundations. However, where structural loads are beyond the capacity of conventional shallow foundations constructed to bear upon near surface soils, piled foundations may need to be considered. Piled capacities will be dependent on localised conditions, most notably the depth and characteristics of the underlying chalk, and further local investigation may be required to inform detailed design of piles at specific locations.

Figures

Figure 1 – Site Location Plan



THE SITE

WELWYN GARDEN CITY

REV	DESCRIPTION	BY	CHK	APP	DATE
-----	-------------	----	-----	-----	------

3 SOVEREIGN SQUARE
SOVEREIGN STREET
LEEDS
WEST YORKSHIRE
LS1 4ER
TEL: +44 (0)113 278 7111
e-mail: leeds@wyg.com



Client:
**WELWYN HATFIELD
BOROUGH COUNCIL**

Project: A115249
**WGC TOWN CENTRE
AND PAVILION**

Drawing Title:
SITE LOCATION PLAN

Scale @ A4 1:20,000	Drawn CM	Date 17.01.20	Checked	Date	Approved	Date
Project No. A115249	Office LDN	Type N	Drawing No. TC/01	Revision		

Figure 2 – Exploratory Hole Location Plan



DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

KEY



SITE / AREA
BOUNDARY



CABLE PERCUSSION
BOREHOLE



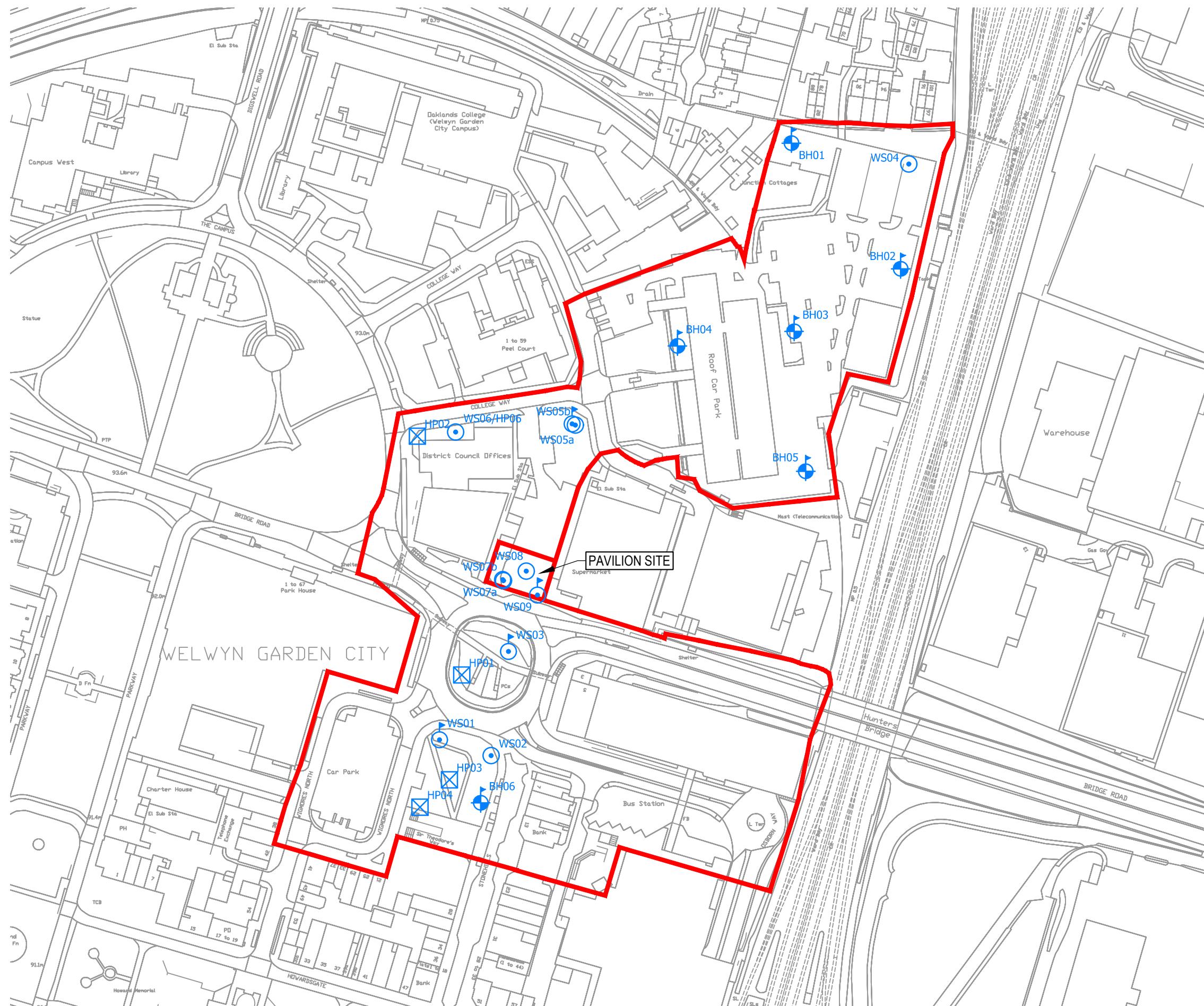
WINDOW SAMPLE



HAND PIT



MONITORING
INSTALLATION



REV	DESCRIPTION	BY	CHK	APP	DATE
-----	-------------	----	-----	-----	------

Client:

WELWYN HATFIELD BOROUGH COUNCIL

11th FLOOR
1 ANGEL COURT
LONDON
EC2R 7HJ



TEL: +44 (0)20 7250 7500
e-mail: london@wyg.com

Project: A115249

WGC TOWN CENTRE AND PAVILION

Drawing Title:

EXPLORATORY HOLE LOCATION PLAN

Scale @ A3 1:2,000	Drawn CM	Date 17.01.20	Checked Date	Approved Date
Project No. A115249	Office LDN	Type N	Drawing No. TC/02	Revision

Appendices

Appendix A - Report Conditions

REPORT CONDITIONS

GROUND INVESTIGATION

This report is produced solely for the benefit of Welwyn Garden City and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report refers, within the limitations stated, to the condition of the site at the time of the inspections. No warranty is given as to the possibility of future changes in the condition of the site.

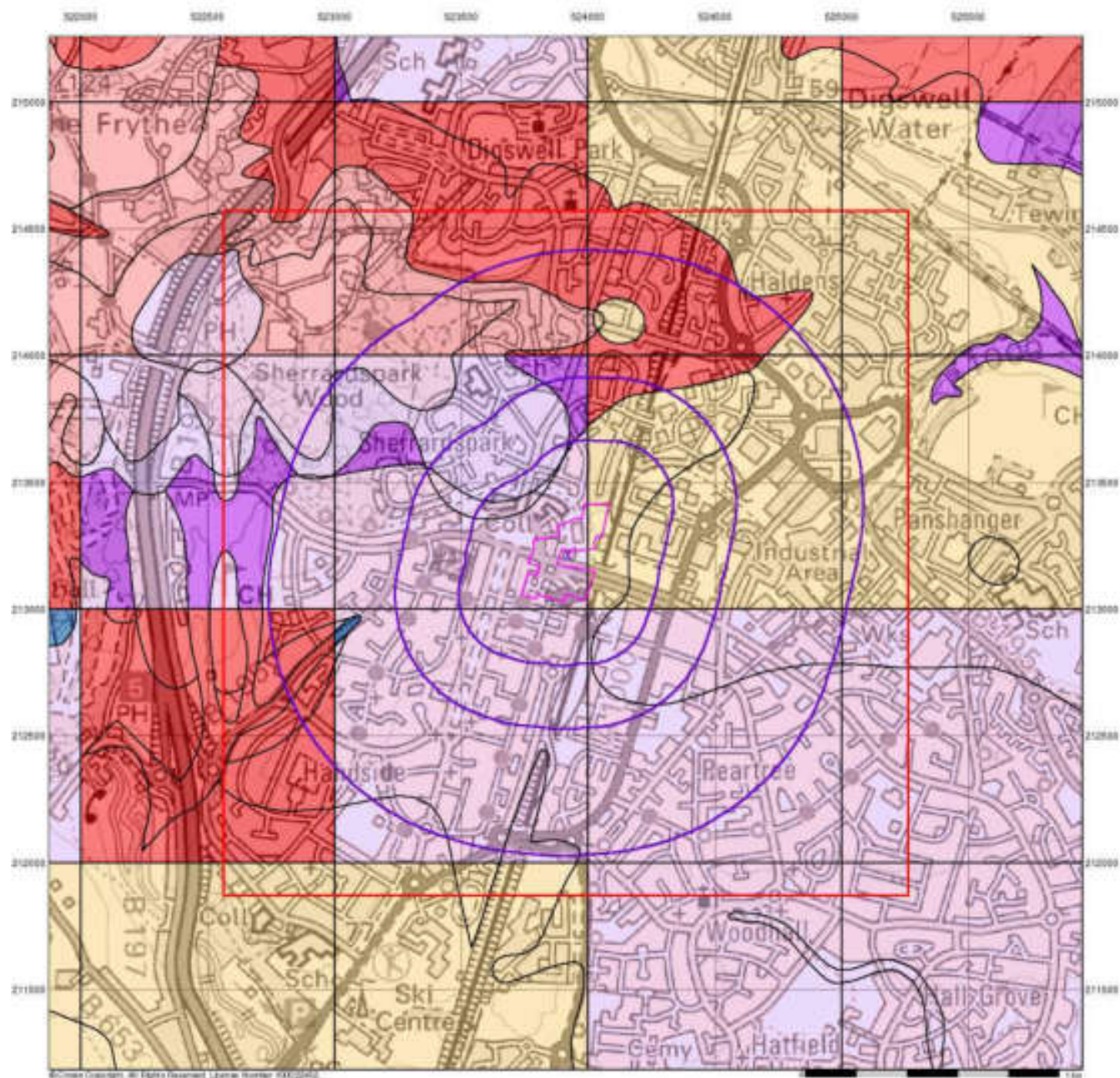
This report is based on a visual site inspection, reference to accessible referenced historical records, information supplied by those parties referenced in the text and preliminary discussions with local and Statutory Authorities. Some of the opinions are based on unconfirmed data and information and are presented as the best that can be obtained without further extensive research. Where ground contamination is suspected but no physical site test results are available to confirm this, the report must be regarded as initial advice only, and further assessment should be undertaken prior to activities related to the site. Where test results undertaken by others have been made available these can only be regarded as a limited sample. The possibility of the presence of contaminants, perhaps in higher concentrations, elsewhere on the site cannot be discounted.

Whilst confident in the findings detailed within this report because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categorical assurances that they will be accepted by Authorities or Funds etc. without question as such bodies often have unpublished, more stringent objectives. This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to WYG. In time improved practices or amended legislation may necessitate a re-assessment.

The assessment of ground conditions within this report is based upon the findings of the study undertaken. We have interpreted the ground conditions in between locations on the assumption that conditions do not vary significantly. However, no investigation can inspect each and every part of the site and therefore changes or variances in the physical and chemical site conditions as described in this report cannot be discounted.

The report is limited to those aspects of land contamination specifically reported on and is necessarily restricted and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents. The opinions expressed cannot be absolute due to the limitations of time and resources imposed by the agreed brief and the possibility of unrecorded previous use and abuse of the site and adjacent sites. The report concentrates on the site as defined in the report and provides an opinion on surrounding sites. If migrating pollution or contamination (past or present) exists further extensive research will be required before the effects can be better determined.

Appendix B – Envirocheck Report



Groundwater Vulnerability

General

Town Boundary
 Search Buffer
 Existing Reference Point
 Site
 Road

Agency and Hydrological

Bedrock Aquifers

High vulnerability, Principal Aquifer
 High vulnerability, Secondary Aquifer
 Medium vulnerability, Principal Aquifer
 Medium vulnerability, Secondary Aquifer
 Low vulnerability, Principal Aquifer
 Low vulnerability, Secondary Aquifer

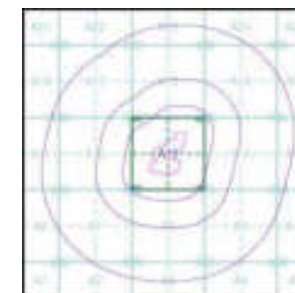
Superficial Aquifers

High vulnerability, Principal Aquifer
 High vulnerability, Secondary Aquifer
 Medium vulnerability, Principal Aquifer
 Medium vulnerability, Secondary Aquifer
 Low vulnerability, Principal Aquifer
 Low vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A

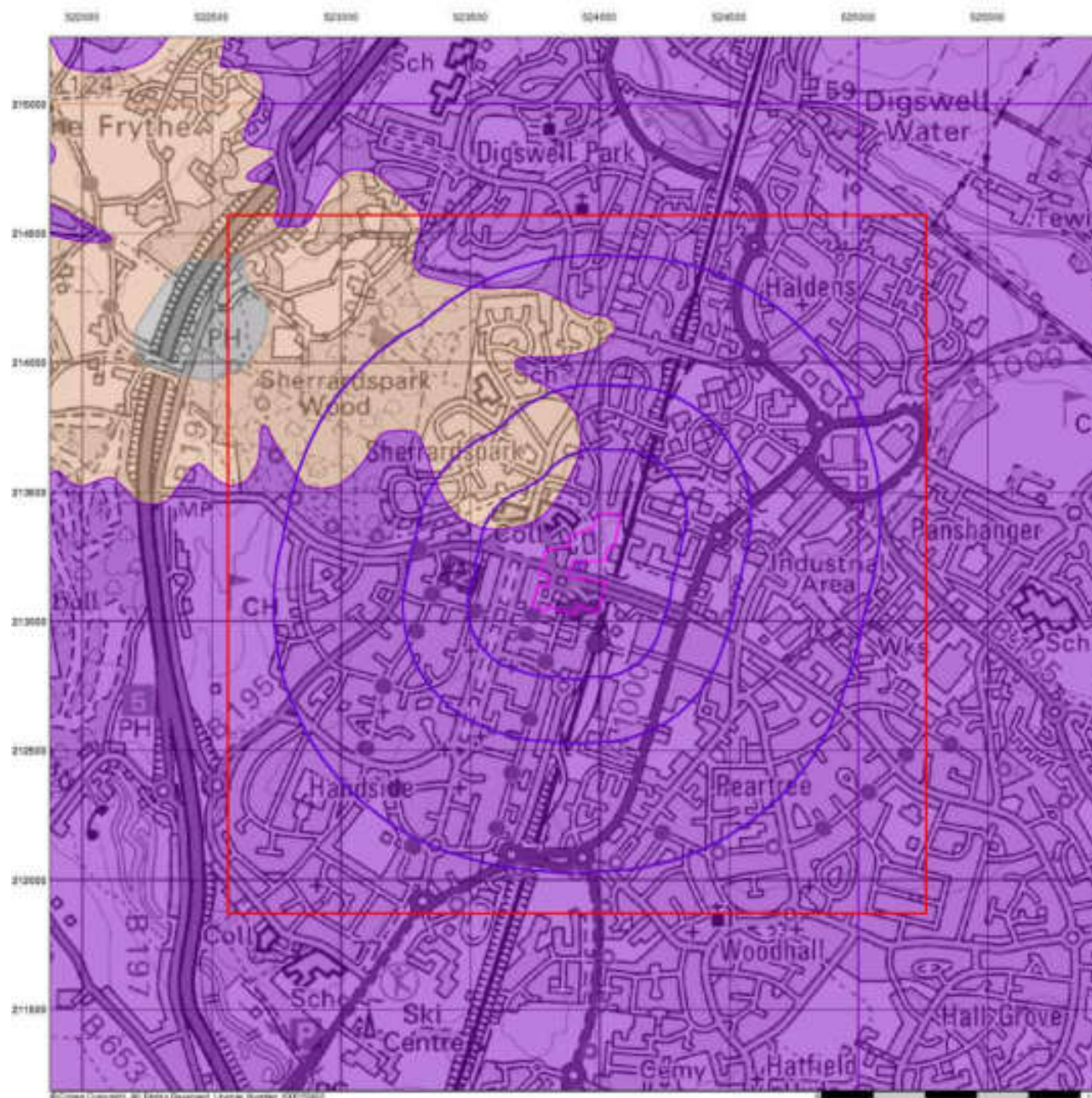


Order Details

Order Number: 219952457_1_1
 Customer Ref: A115249 WGC Town Centre
 National Grid Reference: 523920, 213210
 Slice: A
 Site Area (Ha): 6.66
 Search Buffer (m): 1000

Site Details

Site at, Welwyn Garden City, Hertfordshire



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Bedrock Aquifer Designation

General

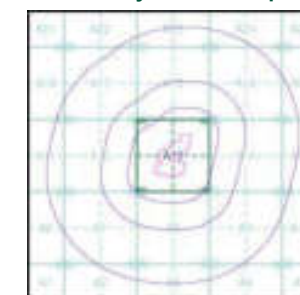
✱ Boundary ID ○ Search Buffer ID ✕ Bedrock Point Point
□ Site □ Road

Agency and Hydrological

Geological Classes

■ Productive Aquifer
■ Secondary A Aquifer
■ Secondary B Aquifer
■ Secondary Undifferentiated
■ Unproductive Strata
■ Unknown
■ Unknown (lakes and ponds)

Site Sensitivity Context Map - Slice A



Order Details

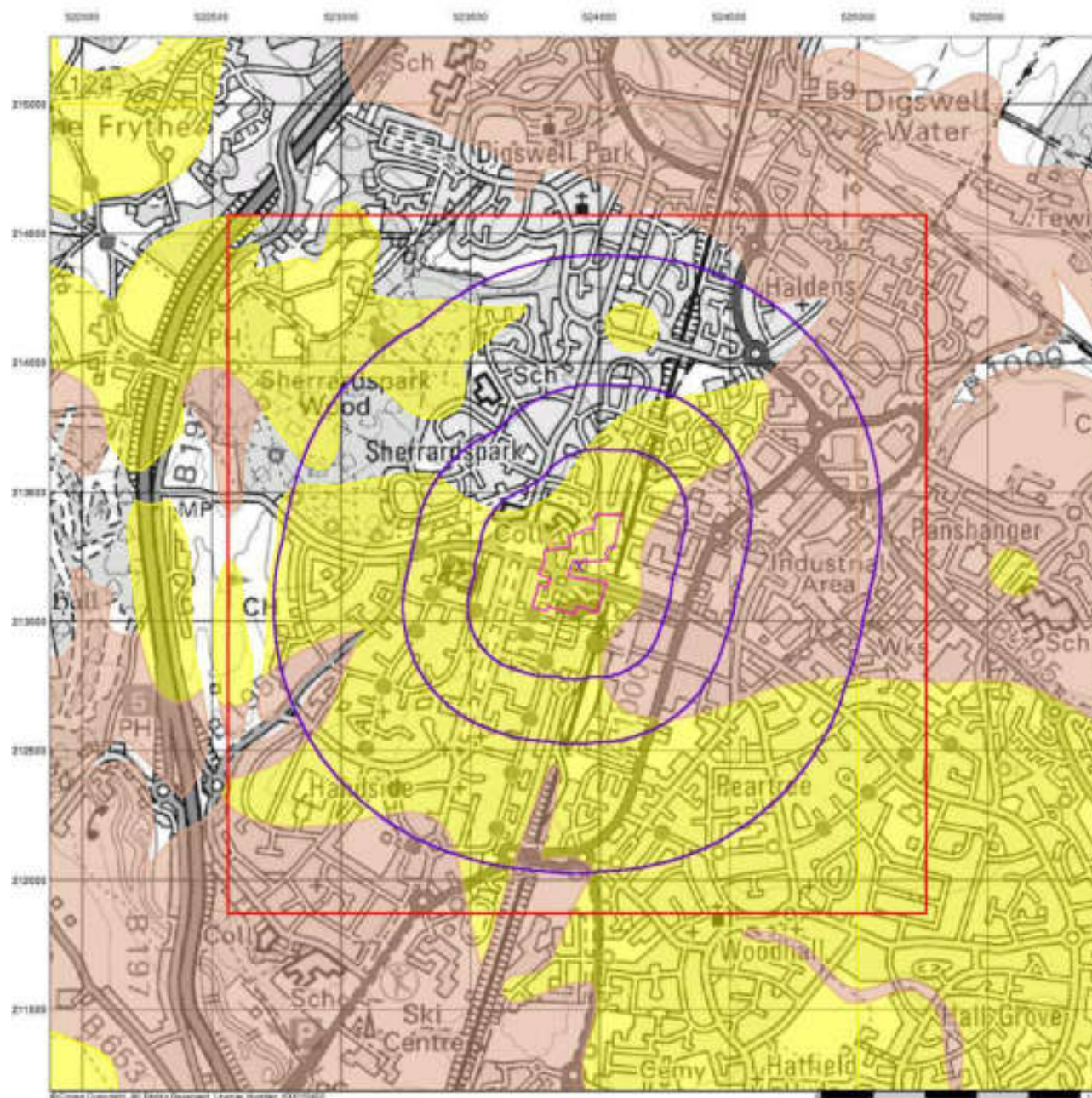
Order Number: 219952457_1_1
 Customer Ref: A115249 WGC Town Centre
 National Grid Reference: 523920, 213210
 Slice: A
 Site Area (Ha): 6.66
 Search Buffer (m): 1000

Site Details

Site at, Welwyn Garden City, Hertfordshire

Landmark
 LANDMARK INFORMATION GROUP[®]

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



Superficial Aquifer Designation

General

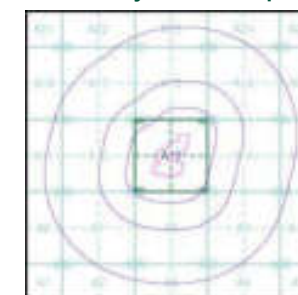
- Boundary Line
- Search Buffer
- Boring Reference Point
- Site
- Road

Agency and Hydrological

Geological Classes

- Productive Aquifer
- Very Low A Aquifer
- Very Low B Aquifer
- Secondary Undersaturated
- Unproductive Strata
- Unknown
- Unknown (lakes and ponds)

Site Sensitivity Context Map - Slice A

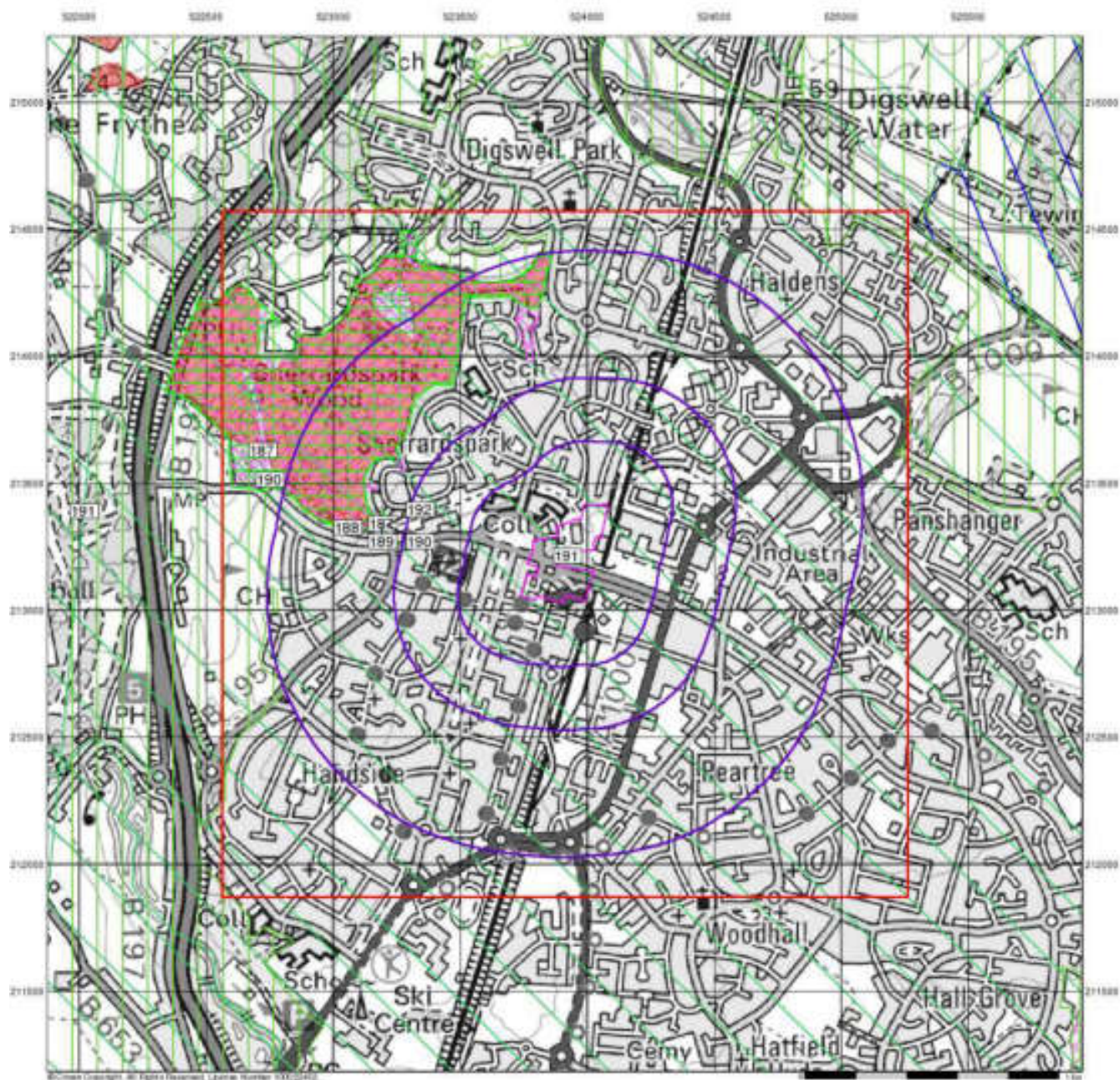


Order Details

Order Number: 219952457_1_1
 Customer Ref: A115249 WGC Town Centre
 National Grid Reference: 523920, 213210
 Slice: A
 Site Area (Ha): 6.66
 Search Buffer (m): 1000

Site Details

Site at, Welwyn Garden City, Hertfordshire



Sensitive Land Uses

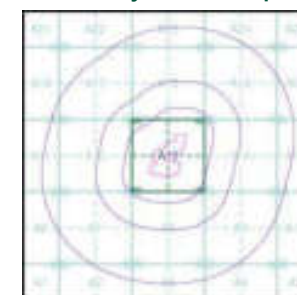
General

- Boundary ID
- Search Buffer ID
- Existing Reference Point
- Slice
- Road

Sensitive Land Uses

- Ancient Woodland
- Ancient Woodland Green Line
- Ancient Woodland Great Wall
- Ancient Woodland National Heritage
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- National Nature Reserve
- Local Nature Reserve
- Natural Park
- Local Nature Area
- National Nature Area
- National Park
- National Park
- National Park
- World Heritage Site

Site Sensitivity Context Map - Slice A

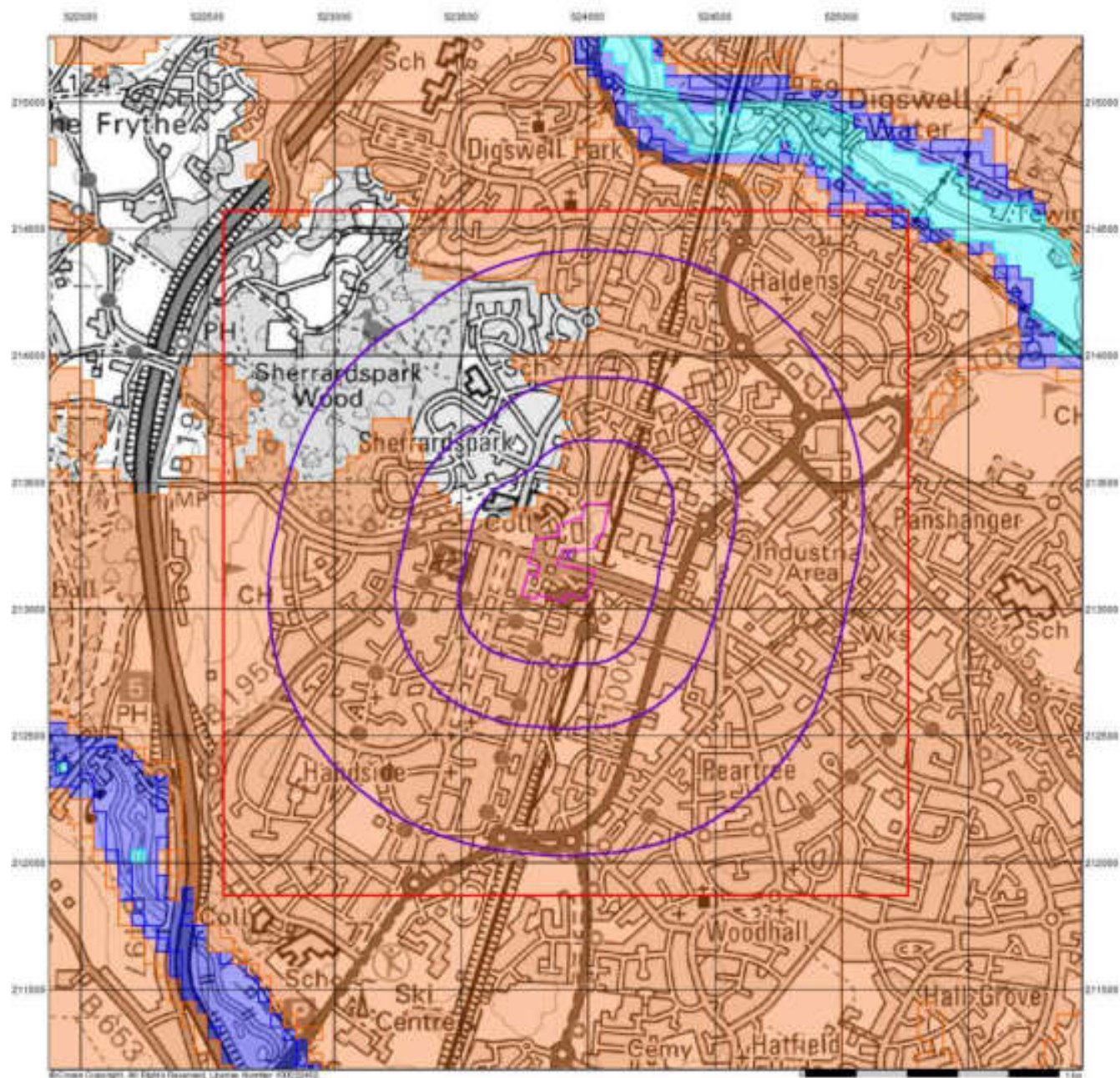


Order Details

Order Number: 219952457_1_1
 Customer Ref: A115249 WGC Town Centre
 National Grid Reference: 523920, 213210
 Slice: A
 Site Area (Ha): 6.66
 Search Buffer (m): 1000

Site Details

Site at, Welwyn Garden City, Hertfordshire



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

BGS Flood GFS Data

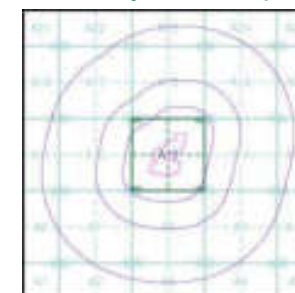
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 219952457_1_1
 Customer Ref: A115249 WGC Town Centre
 National Grid Reference: 523920, 213210
 Slice: A
 Site Area (Ha): 6.66
 Search Buffer (m): 1000

Site Details

Site at, Welwyn Garden City, Hertfordshire

Landmark
 LANDMARK INFORMATION GROUP[®]

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

219952457_1_1

Customer Reference:

A115249 WGC Town Centre

National Grid Reference:

523920, 213210

Slice:

A

Site Area (Ha):

6.66

Search Buffer (m):

1000

Site Details:

Site at

Welwyn Garden City

Hertfordshire

Client Details:

Mr D Perera

WYG Environment Planning Transport Ltd

1 Angel Court

London

EC2R 7HJ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	19
Hazardous Substances	23
Geological	24
Industrial Land Use	31
Sensitive Land Use	60
Data Currency	61
Data Suppliers	66
Useful Contacts	67

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this 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 2019. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report. © Environment Agency & United Kingdom Research and Innovation 2019. © Natural Resources Wales & United Kingdom Research and Innovation 2019.

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.

Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

Ove Arup Copyright Notice

The Mining Instability data 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 supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Peter Brett Associates Copyright Notice

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

Radon Potential dataset Copyright Notice

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

Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2019. Land & Property Services © Crown copyright and database right.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes			n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1		
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 1			3	11
Integrated Pollution Prevention And Control	pg 3			8	1
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5		2	1	8
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6	Yes			
Pollution Incidents to Controlled Waters	pg 6			2	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 7			2	19
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 11		1		4 (*13)
Water Industry Act Referrals	pg 15				3
Groundwater Vulnerability Map	pg 16	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 16	2	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Source Protection Zones	pg 16	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 16	3	3	5	8

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 19			1	1
Local Authority Landfill Coverage	pg 19	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 19		1		
Registered Waste Transfer Sites	pg 20				1
Registered Waste Treatment or Disposal Sites	pg 20		2	2	3
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 23			1	1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 23			1	
Planning Hazardous Substance Consents	pg 23			1	
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 24	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 24				3
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities	pg 24				1
Natural Cavities	pg 24	3	1	7	24
Non Coal Mining Areas of Great Britain	pg 29	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 31		29	64	220
Fuel Station Entries	pg 59		1		3
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 60				2
Areas of Adopted Green Belt	pg 60				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 60				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 60	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 60				1
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (NW)	0	1	523923 213214
1	Discharge Consents Operator: Cbx Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Rank Xerox Ltd, Bessemer Road, Welwyn Garden City, Hertfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTW.1270 Permit Version: 1 Effective Date: 30th October 1991 Issued Date: 30th October 1991 Revocation Date: 31st March 1996 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge Environment: Land/Soakaway Receiving Water: Chalk Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	118	2	524200 213395
2	Integrated Pollution Controls Name: British Lead Mills Ltd Location: Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency, Thames Region Permit Reference: BD1601 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.2 A (E) Non-ferrous Metal processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SW (SE)	484	2	524458 212910
2	Integrated Pollution Controls Name: British Lead Mills Ltd Location: Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency, Thames Region Permit Reference: AR7009 Dated: 15th September 1995 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 2.2 A (E) Non-ferrous Metal processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SW (SE)	484	2	524458 212910
2	Integrated Pollution Controls Name: British Lead Mills Ltd Location: Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency, Thames Region Permit Reference: AW7371 Dated: 31st July 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.2 A (E) Non-ferrous Metal processes within the Metal Industry Status: Revoked - Now IPPC Positional Accuracy: Automatically positioned to the address	A14SW (SE)	491	2	524463 212905
3	Integrated Pollution Controls Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: AJ9776 Dated: 14th February 1994 Process Type: IPC new application Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	505	2	524068 212536
3	Integrated Pollution Controls Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: BG4844 Dated: 29th February 2000 Process Type: IPC major (substantial) variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	506	2	524073 212536

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Integrated Pollution Controls Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: AX5668 Dated: 17th December 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	510	2	524068 212531
3	Integrated Pollution Controls Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3SP Authority: Environment Agency, Thames Region Permit Reference: BC6241 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	511	2	524073 212531
4	Integrated Pollution Controls Name: Textron Fastening Systems Ltd Location: Mundells, WELWYN GARDEN CITY, Hertfordshire, AL7 1EZ Authority: Environment Agency, Thames Region Permit Reference: BC8899 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A20SW (E)	865	2	524934 213570
4	Integrated Pollution Controls Name: Textron Fastening Systems Ltd Location: P O Box 63, Mundells, WELWYN GARDEN CITY, Hertfordshire, AL7 1EZ Authority: Environment Agency, Thames Region Permit Reference: AN7333 Dated: 14th November 1994 Process Type: IPC new application Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A20SW (E)	866	2	524934 213575
4	Integrated Pollution Controls Name: Textron Fastening Systems Ltd Location: P O Box 63, Mundells, WELWYN GARDEN CITY, Hertfordshire, AL7 1EZ Authority: Environment Agency, Thames Region Permit Reference: AL7154 Dated: 20th May 1994 Process Type: IPC new application Description: 4.3 A (F) Acid processes within the Chemical Industry Status: Application referred to Local Authority for consideration Positional Accuracy: Manually positioned to the address or location	A20SW (E)	870	2	524939 213570
5	Integrated Pollution Controls Name: Catomance Ltd Location: 96 Bridge Road East, WELWYN GARDEN CITY, Hertfordshire, AL7 1JW Authority: Environment Agency, Thames Region Permit Reference: AM2883 Dated: 16th February 1994 Process Type: Application since found to be exempt from IPC Description: Not Given Status: Application since found to be exempt from IPC Positional Accuracy: Automatically positioned to the address	A9NE (SE)	961	2	524868 212646
5	Integrated Pollution Controls Name: Catomance Technologies Ltd Location: 96 Bridge Road East, WELWYN GARDEN CITY, Hertfordshire, AL7 1JW Authority: Environment Agency, Thames Region Permit Reference: BB2496 Dated: Not Supplied Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.7 A Pesticide production within the Chemical Industry Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Automatically positioned to the address	A9NE (SE)	961	2	524868 212646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Integrated Pollution Controls Name: Catomance Technologies Ltd Location: 96 Bridge Road East, WELWYN GARDEN CITY, Hertfordshire, AL7 1JW Authority: Environment Agency, Thames Region Permit Reference: AK8210 Dated: 15th March 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.7 A Pesticide production within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A9NE (SE)	963	2	524868 212641
5	Integrated Pollution Controls Name: Catomance Technologies Ltd Location: 96 Bridge Road East, WELWYN GARDEN CITY, Hertfordshire, AL7 1LQ Authority: Environment Agency, Thames Region Permit Reference: BC7108 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.7 A Pesticide production within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A9NE (SE)	967	2	524873 212641
6	Integrated Pollution Prevention And Control Name: H J Enthoven Limited Location: British Lead Mills Epr/BI8317ik, Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: XP3235JX Original Permit Ref: BI8317ik Effective Date: 29th January 2018 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (I) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Primary Activity: Y	A14SW (SE)	484	2	524458 212910
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Wgc Lead Recovery Process, Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: PP3138CR Original Permit Ref: BI8317ik Effective Date: 15th October 2012 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (I) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Primary Activity: Y	A14SW (SE)	484	2	524458 212910
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Wgc Lead Recovery Process, Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: SP3034UX Original Permit Ref: BI8317ik Effective Date: 27th March 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (I) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Primary Activity: Y	A14SW (SE)	484	2	524458 212910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UB Authority: Environment Agency, Thames Region Permit Reference: SP3034UX Original Permit Ref: BI8317ik Effective Date: 27th March 2008 Status: Effective Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (I) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Primary Activity: Y	A14SW (SE)	484	2	524458 212910
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Wgc Lead Recovery Process, Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: BX4739IA Original Permit Ref: BI8317ik Effective Date: 23rd June 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (I) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Primary Activity: Y	A14SW (SE)	484	2	524458 212910
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Wgc Lead Recovery Process, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UB Authority: Environment Agency, Thames Region Permit Reference: Bx4739ia Original Permit Ref: BI8317ik Effective Date: 23rd June 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (I) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Primary Activity: Y	A14SW (SE)	484	2	524458 212910
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Wgc Lead Recovery Process, Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: BL8317IK Original Permit Ref: BI8317ik Effective Date: 20th December 2002 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (D) (I) Activity Description: Non-Ferrous Metals; Producing Etc Lead And Alloys With Release To Air Primary Activity: Y	A14SW (SE)	484	2	524458 212910
6	Integrated Pollution Prevention And Control Name: British Lead Mills Ltd Location: Wgc Lead Recovery Process, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UB Authority: Environment Agency, Thames Region Permit Reference: BI8317ik Original Permit Ref: BI8317ik Effective Date: 20th December 2002 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (D) (I) Activity Description: Non-Ferrous Metals; Producing Etc Lead And Alloys With Release To Air Primary Activity: Y	A14SW (SE)	484	2	524458 212910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Integrated Pollution Prevention And Control Name: Gilbertson & Page Ltd Location: Brownfields Pet Food Factory Epr/Yp3135yd, Brownfields Pet Food Factory, Gilbertson And Page Ltd, 45-55 Brownfields,, Welwyn Garden City, Hertfordshire, AL7 1AN Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: YP3135YD Original Permit Ref: Yp3135yd Effective Date: 12th February 2018 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) d) (iii) Activity Description: CREATED BY IED - TREATMENT AND PROCESSING (OTHER THAN PACKAGING) OF ANIMAL OR VEGETABLE RAW MATERIALS (OTHER THAN MILK ONLY) WITH FINISHED PRODUCT CAPACITY GREATER THAN FORMULA SHOWN IN REGS Primary Activity: Y	A14SE (E)	859	2	524896 213109
8	Local Authority Pollution Prevention and Controls Name: Welwyn Dry Cleaners Location: 37 Wigmores North, Welwyn Garden City, AL10 9rq Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: Not Supplied Dated: 1st November 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	7	3	523766 213041
9	Local Authority Pollution Prevention and Controls Name: Johnson The Cleaners Location: 43 Fretherne Road, Welwyn Garden City, AL8 6ny Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	192	3	523820 212849
10	Local Authority Pollution Prevention and Controls Name: Tesco Stores Ltd Location: Cirrus Building, Shire Park, Welwyn Garden City, Hertfordshire, AL7 1AB Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: LN000315 Dated: 1st June 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	456	3	524415 213727
11	Local Authority Pollution Prevention and Controls Name: Mark Tempest Autocentre Location: Unit 1 Garden Court, Welwyn Garden City, AL7 1bh Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: Not Supplied Dated: 1st January 2012 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	522	3	524516 212966
11	Local Authority Pollution Prevention and Controls Name: Eastbridge Service Station Location: Bridge Road East, Welwyn Garden City, Herts, AL7 1LE Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: LN000311 Dated: 1st December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	524	3	524513 212950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Local Authority Pollution Prevention and Controls Name: Redhead Demolition Co Ltd Location: 2 Blenheim Court, Brownfields, Welwyn Garden City, Herts, AL7 1AN Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: LN050002 Dated: 1st April 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14SE (E)	811	3	524864 213187
13	Local Authority Pollution Prevention and Controls Name: Squire Ferneaux Location: 36 Brownfields, WELWYN GARDEN CITY, Hertfordshire, AL7 1AN Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: LN930002 Dated: 1st September 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Application exempt from APC Positional Accuracy: Manually positioned to the address or location	A14NE (E)	834	3	524906 213281
13	Local Authority Pollution Prevention and Controls Name: Cuzner & White Location: 32 Brownfields, Welwyn Garden City, AL7 1an Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: Not Supplied Dated: 1st November 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	846	3	524922 213303
14	Local Authority Pollution Prevention and Controls Name: Avdel Systems Ltd Location: Mundells, WELWYN GARDEN CITY, Hertfordshire, AL7 1EZ Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A19SE (E)	838	3	524900 213600
15	Local Authority Pollution Prevention and Controls Name: Gilbertson & Page Ltd Location: 45-55 Brownfields, Welwyn Garden City, Hertfordshire, AL7 1LF Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: LN920017 Dated: 1st August 1993 Process Type: Local Authority Air Pollution Control Description: PG6/24 Pet food manufacturing Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14SE (E)	859	3	524896 213109
16	Local Authority Pollution Prevention and Controls Name: Line Side Engineering Location: 5-7 Woodfield Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1JQ Authority: Welwyn Hatfield District Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/10 Coating manufacturing Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A10NW (SE)	995	3	524950 212770
	Nearest Surface Water Feature	A13NE (NE)	0	-	524023 213412
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WELWYN GARDEN CITY Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 7th April 1992 Incident Reference: NE920175 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	426	2	524500 213500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WELWYN GARDEN CITY Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 5th January 1991 Incident Reference: NE910004 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	476	2	524500 213100
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WELWYN GARDEN CITY Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 19th April 1989 Incident Reference: NE890176 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	529	2	524600 213300
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WELWYN GARDEN CITY Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 13th September 1993 Incident Reference: NE930622 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (SE)	622	2	524600 212900
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WELWYN GARDEN CITY Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th July 1993 Incident Reference: NE930470 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A20SW (NE)	962	2	525001 213701
22	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: BG2558 Dated: 20th April 2000 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A8NE (S)	461	2	524168 212610
22	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: BG2507 Dated: 20th April 2000 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A8NE (S)	466	2	524168 212605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Registered Radioactive Substances Name: University Of Hertfordshire Location: Biopark Hertfordshire Limited, University Of Hertfordshire, Broadwater Road, Welwyn Garden City, AL7 3ax Authority: Environment Agency, Thames Region Permit Reference: TB3130DM Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A8SE (S)	516	2	523949 212514
23	Registered Radioactive Substances Name: Antisoma Research Ltd Location: Biopark Hertfordshire, Broadwater Road,, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: CE3230 Dated: 10th May 2010 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	2	523946 212497
23	Registered Radioactive Substances Name: Heptares Therapeutics Ltd Location: Biopark Hertfordshire, Broadwater Road,, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: CD6683 Dated: 3rd June 2009 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	2	523946 212497
23	Registered Radioactive Substances Name: Heptares Therapeutics Ltd Location: Biopark Hertfordshire, Broadwater Road,, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: CD1550 Dated: 24th November 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	2	523946 212497
23	Registered Radioactive Substances Name: Heptares Therapeutics Ltd Location: Biopark Hertfordshire, Broadwater Road,, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: CD1568 Dated: 24th November 2008 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	2	523946 212497
24	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road ,,, Welwyn Garden City, Hertfordshire, AL7 3ay Authority: Environment Agency, Thames Region Permit Reference: Bq2081 Dated: 14th February 2002 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	519	2	524170 212548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road ,,, Welwyn Garden City, Hertfordshire, AL7 3ay Authority: Environment Agency, Thames Region Permit Reference: Bm9149 Dated: 14th February 2002 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	525	2	524167 212541
24	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: Bs5924 Dated: 19th September 2002 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	549	2	524158 212512
24	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: Bs5908 Dated: 19th September 2002 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Initial variation to an authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	549	2	524158 212512
25	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Authority: Environment Agency, Thames Region Permit Reference: AU2123 Dated: 9th January 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A8SE (S)	540	2	524095 212505
25	Registered Radioactive Substances Name: Roche Products Ltd Location: 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: BA4841 Dated: 26th March 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A8SE (S)	541	2	524100 212505
25	Registered Radioactive Substances Name: Roche Products Ltd Location: P O Box 8, 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: AE5217 Dated: 31st March 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A8SE (S)	546	2	524100 212500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Registered Radioactive Substances Name: Roche Products Ltd Location: P O Box 8, 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: AE5209 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A8SE (S)	547	2	524105 212500
25	Registered Radioactive Substances Name: Roche Products Ltd Location: P O Box 8, 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: AM8628 Dated: 18th July 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A8SE (S)	551	2	524100 212495
25	Registered Radioactive Substances Name: Roche Products Ltd Location: P O Box 8, 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: AA5762 Dated: 29th June 1992 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A8SE (S)	552	2	524105 212495
25	Registered Radioactive Substances Name: Roche Products Ltd Location: P O Box 8, 40 Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AY Authority: Environment Agency, Thames Region Permit Reference: BB8729 Dated: 28th October 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A8SE (S)	556	2	524100 212490
26	Registered Radioactive Substances Name: Heptares Therapeutics Limited Location: Biopark, Broadwater Road, Welwyn Garden City, AL7 3ax Authority: Environment Agency, Thames Region Permit Reference: MP3793SV Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Located by supplier to within 100m	A8SE (S)	575	2	524200 212500
27	Registered Radioactive Substances Name: Roche Products Ltd Location: Unit 6, Falcon Way, Shire Park, Welwyn Garden City, Hertfordshire, AL7 1TW Authority: Environment Agency, Thames Region Permit Reference: CA4285 Dated: 28th November 2006 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A19SE (NE)	600	2	524646 213622

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Registered Radioactive Substances Name: Roche Products Ltd Location: Unit 6, Falcon Way, Shire Park, Welwyn Garden City, Hertfordshire, AL7 1TW Authority: Environment Agency, Thames Region Permit Reference: CA4293 Dated: 28th November 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A19SE (NE)	600	2	524646 213622
28	Water Abstractions Operator: Rank Xerox Ltd Licence Number: 29/38/02/0074 Permit Version: Not Supplied Location: Bessemer Road Authority: Environment Agency, Thames Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2991 Yearly Rate (m3): 0 Details: Chalk (Undifferentiated); Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	118	2	524200 213400
29	Water Abstractions Operator: George Wimpey Uk Limited Licence Number: 29/38/02/0007 Permit Version: 102 Location: Broadwater Road, Welwyn Garden City - 2 Boreholes Grouped Authority: Environment Agency, Thames Region Abstraction: Chemicals: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater Road, Welwyn Garden City, Herts Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th February 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	535	2	524000 212500
29	Water Abstractions Operator: Roche Products Limited Licence Number: 29/38/02/0007 Permit Version: 101 Location: Broadwater Road, Welwyn Garden City - 2 Boreholes Grouped Authority: Environment Agency, Thames Region Abstraction: Chemicals: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater Road, Welwyn Garden City, Herts Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th August 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	535	2	524000 212500
29	Water Abstractions Operator: Roche Products Limited Licence Number: 29/38/02/0007 Permit Version: 100 Location: Broadwater Road, Welwyn Garden City - 2 Boreholes Grouped Authority: Environment Agency, Thames Region Abstraction: Chemicals: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1364 Yearly Rate (m3): 318220 Details: Broadwater Road, Welwyn Garden City, Herts Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th August 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	535	2	524000 212500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Water Abstractions Operator: Roche Products Ltd Licence Number: 29/38/02/0001 Permit Version: Not Supplied Location: Broadwater Road - No 2 Borehole Authority: Environment Agency, Thames Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): 340950 Details: Chalk (Undifferentiated); Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	540	2	524000 212495
	Water Abstractions Operator: Welwyn Garden City Golf Club Ltd Licence Number: 29/38/01/0107 Permit Version: 1 Location: Welwyn Garden City Gc - Borehole Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Welwyn Garden City Golf Club, Hertfordshire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1073	2	522720 213430
	Water Abstractions Operator: Welwyn Garden City Golf Club Ltd Licence Number: 29/38/01/0101 Permit Version: 1 Location: Welwyn Garden City Gc Borehole Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Welwyn Garden City Golf Club Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1073	2	522720 213430
	Water Abstractions Operator: Welwyn Garden City Golf Club Ltd Licence Number: 29/38/01/0093 Permit Version: 100 Location: Welwyn Garden City Gc Borehole Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 118 Yearly Rate (m3): 9895 Details: Welwyn Garden City Golf Club Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1073	2	522720 213430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Finesse Leisure Partnership Licence Number: 29/38/01/0065 Permit Version: 101 Location: River Lee-Tributary-Watercress Beds, Lemsford Nature Reserve Authority: Environment Agency, Thames Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Lake At Stanborough Park, Wgc Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1850	2	522310 211880
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 29/38/02/0084 Permit Version: 1 Location: Digswell Pumping Station At Point C (6 Boreholes) Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1887	2	523900 215300
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 29/38/02/0073 Permit Version: 100 Location: Digswell Pumping Station 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 20457 Yearly Rate (m3): 6196198 Details: Chalk (Undifferentiated) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1887	2	523900 215300
	Water Abstractions Operator: Affinity Water Limited Licence Number: 29/38/02/0046 Permit Version: 102 Location: Digswell Pumping Station - Point 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	2	523960 215360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 29/38/02/0089 Permit Version: 3 Location: Digswell Pumping Station - Point 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	2	523960 215360
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 29/38/02/0046 Permit Version: 101 Location: Digswell Pumping Station - Point 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	2	523960 215360
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 29/38/02/0089 Permit Version: 2 Location: Digswell Pumping Station - Point 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	2	523960 215360
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 29/38/02/0089 Permit Version: 1 Location: Digswell Pumping Station - Point 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th May 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	2	523960 215360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 29/38/02/0046 Permit Version: 100 Location: Digswell Pumping Station - Point 'C' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 11365 Yearly Rate (m3): Not Supplied Details: Annual Abstraction Total Aggregated To Another Licence For Quantity Purposes. Chalk (Undifferentiate) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th September 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	2	523960 215360
	Water Abstractions Operator: Welwyn Hatfield Dc Licence Number: 29/38/01/0065 Permit Version: 100 Location: River Lee At Lemsford Authority: Environment Agency, Thames Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2455 Yearly Rate (m3): 895562 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th May 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1SW (SW)	1977	2	522300 211700
30	Water Industry Act Referrals Name: Allen Coding Systems Location: ALLEN CODING SYSTEMS, 5-6 LITTLE MUNDELLS, 5-6 LITTLE MUNDELLS, WELWYN GARDEN CITY, HERTFORDSHIRE, AL7 1LD Authority: Environment Agency, Thames Region Permit Reference: CB1338 Dated: 1st February 2007 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Automatically positioned to the address	A14NE (E)	648	2	524724 213508
30	Water Industry Act Referrals Name: Allen Coding Machines Ltd Location: ALLEN CODING MACHINES LTD, 5-6 LITTLE MUNDELLS, 5-6 LITTLE MUNDELLS, WELWYN GARDEN CITY, HERTFORDSHIRE, AL7 1LD Authority: Environment Agency, Thames Region Permit Reference: AF2361 Dated: 27th April 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Automatically positioned to the address	A14NE (E)	648	2	524724 213508
31	Water Industry Act Referrals Name: Catomance Technologies Ltd Location: CATOMANCE TECHNOLOGIES LTD, 96 BRIDGE ROAD EAST, 96 BRIDGE ROAD EAST, WELWYN GARDEN CITY, HERTFORDSHIRE, AL7 1JW Authority: Environment Agency, Thames Region Permit Reference: AB3323 Dated: 8th October 1991 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Automatically positioned to the address	A9NE (SE)	962	2	524878 212665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13SE (NW)	0	4	523923 213214
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: High	A13SE (E)	0	4	524000 213214
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13SE (NW)	0	4	523923 213214
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13SE (E)	0	4	524000 213214
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SE (NW)	0	4	523923 213214
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (NW)	0	4	523923 213214
32	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (NW)	0	2	523923 213214
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	0	5	524057 213411

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	0	5	524023 213412
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	0	5	523988 213416
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	1	5	523969 213420
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	49	5	523935 213425
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	54	5	523933 213426
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	453	5	524027 212584
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	457	5	524036 212581
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	458	5	524039 212580
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	463	5	524052 212576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	465	5	524055 212575
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	556	5	524110 212492
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	561	5	524116 212489
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	565	5	524126 212486
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	772	5	523184 213757
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	808	5	523160 213786
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	846	5	523133 213811
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	918	5	523094 213877
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	918	5	523094 213877

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Licensed Waste Management Facilities (Locations) Licence Number: 102412 Location: Bridgefields, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1RX Operator Name: W G C Metals Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Vehicle depollution facility Licence Status: Expired Issued: 21st February 2011 Last Modified: Not Supplied Expires: 6th July 2018 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (E)	492	2	524550 213245
53	Licensed Waste Management Facilities (Locations) Licence Number: 80190 Location: Tewin Rd Depot, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Operator Name: Welwyn Hatfield District Council Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Special Waste Transfer Stations Licence Status: Modified Issued: 20th May 1999 Last Modified: 1st September 2015 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	608	2	524691 213414
	Local Authority Landfill Coverage Name: Hertfordshire County Council - Has supplied landfill data		0	6	523923 213214
	Local Authority Landfill Coverage Name: Welwyn Hatfield Council - Has no landfill data to supply		0	3	523923 213214
54	Registered Landfill Sites Licence Holder: Polycell Products Ltd Licence Reference: 79/078 Site Location: 30 Broadwater Road, Welwyn Garden City, Hertfordshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill - Soak away Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Site exempt from licenceExempt Dated: 19th June 1979 Preceded By: Not Given Licence: Superseded By: 79/078 Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Aqueous Effluent Waste Industrial Effluent Treatment Sludge	A8NE (S)	246	2	524084 212808

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Registered Waste Transfer Sites Licence Holder: Welwyn Hatfield District Council Licence Reference: WML80190 Site Location: Tewin Road Depot, Tewin Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1BD Operator Location: Council Offices, The Campus, WELWYN GARDEN CITY, Hertfordshire, AL8 6AE Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 20th May 1999 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Bonded Asbestos Household, Commercial & Industrial Waste (As In S75 Epa 1990) - Comprising Lwra Cat Bii General Scrap Metal Waste Lwra Cat. Bi General Non-Putrescible Waste Maximum Storage In Licence Maximum Waste Permitted By Licence Prohibited Waste: Leather Processing Waste Liquid Wastes Metal Swarf/Dusts/Particulates Poisonous, Noxious, Polluting Wastes Pulverised Fuel Ash/Vanadium Contaminated Ash Sludge Wastes Special Waste (As In Epa 1990:S62 Of 1996 Regs) Not Otherwise Specified Toxic Metal Slags Waste Not Otherwise Specified	A14NE (E)	515	2	524598 213418
56	Registered Waste Treatment or Disposal Sites Licence Holder: Rank Xerox Ltd Licence Reference: 82/134 Site Location: Bessemer Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1HE Operator Location: PO Box 17 Bessemer Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1HE Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer - with treatment Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Site exempt from licenceExempt Dated: 24th May 1984 Preceded By: 78/042 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Acids Alkalies Flammable Solvents Industrial Effluent Treatment Sludge Metasilicate Solution Oil/Water Mixtures Toxic/Poisonous Wastes Waste Solvents Water (Contaminated) Prohibited Waste: Polluting Wastes	A13SE (E)	34	2	524068 213175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	Registered Waste Treatment or Disposal Sites Licence Holder: Rank Xerox Ltd Licence Reference: 78/042 Site Location: Bessemer Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1HE Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Treatment - Chemical Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 8th December 1978 Preceded By: Not Given Licence: Superseded By: 82/134 Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Acids Alkalies Controlled Wastes N.O.S Cutting.Oil/Water Inflammable Solvents Non Flammable Solvents Toxic/Poisonous Wastes Waste Solvents Environment Agency Waste N.O.S must give specific authorisation for this waste to be acceptedWaste requires prior approval	A13NE (NE)	44	2	524110 213329
58	Registered Waste Treatment or Disposal Sites Licence Holder: Polycell Products Ltd Licence Reference: 79/078 Site Location: 30 Broadwater Road, Welwyn Garden City, Hertfordshire Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Storage Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Site exempt from licenceExempt Dated: 19th June 1979 Preceded By: 79/078 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Aqueous Effluent Waste	A8NE (SE)	439	2	524200 212650
59	Registered Waste Treatment or Disposal Sites Licence Holder: British Lead Mills Licence Reference: 92/302 Site Location: Peartree Lane, WELWYN GARDEN CITY, Hertfordshire, AL7 3UB Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Scrapyard Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Scrap Lead Prohibited Waste: Waste N.O.S.	A14SW (SE)	480	2	524450 212900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Registered Waste Treatment or Disposal Sites Licence Holder: Roche Products Ltd Licence Reference: 86/203 Site Location: 40 Broadwater Road, Welwyn Garden City, Hertfordshire Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Storage - Drummed storage Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1986 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Solvents - Chlorinated & Unchlor. A Solvents - Chlorinated & Unchlor. B Prohibited Waste: Liable To Cause Environmental Hazards Poisonous, Noxious And Polluting N.O.S	A8SE (S)	546	2	524100 212500
61	Registered Waste Treatment or Disposal Sites Licence Holder: Contract Gully Cleansing Licence Reference: 78/044 Site Location: Brownfields, WELWYN GARDEN CITY, Hertfordshire, AL7 1AY Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Storage Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 10th February 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Alkalis All Cyanides Arsenates & Arsenites Asbestos Biocides Chemical Wastes Dyestuffs Waste Ink Waste Laboratory Chemicals Metal Bearing Wastes Oil/Water Mixtures Organic Solvents Paint Waste \$ Pharmaceutical Production Wastes Polymeric Wastes Soluble Complex Cyanides Sulphides Waste Oil	A14NE (E)	787	2	524859 213283
62	Registered Waste Treatment or Disposal Sites Licence Holder: Catomance Ltd Licence Reference: 79/076 Site Location: 88/96 Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JW Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Storage Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 22nd October 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Aqueous Effluent Waste Dilute Aqueous Alum.Chloride Max.Stor Toxic/Poisonous Wastes	A9NE (SE)	893	2	524800 212661

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Control of Major Accident Hazards Sites (COMAH) Name: National Grid Gas Plc Location: Welwyn Garden City Holder Station, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	489	7	524534 213184
64	Control of Major Accident Hazards Sites (COMAH) Name: Transco Plc Location: Welwyn Garden City Holder Station, Tewin Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1BD Reference: 1023635 Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A14SE (E)	554	7	524595 213160
65	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Transco Location: Welwyn Garden City Holder Station (M20), Tewin Road, WELWYN GARDEN CITY, Hertfordshire Status: Not Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	497	7	524535 213152
66	Planning Hazardous Substance Consents Name: Bg Transco Plc Location: Welwyn Garden Holder Station, Tewin Road, Welwyn Garden City, Herts, AL7 Authority: Welwyn Hatfield District Council Application Ref: N6/2000/0752/Hs Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Substance: liquefied or not Maximum Quantity: 0 Application date: 31st May 2000 Decision: New application granted conditionally Positional Accuracy: Manually positioned to the address or location	A14SW (E)	498	8	524528 213125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13SE (NW)	0	1	523923 213214
67	BGS Recorded Mineral Sites Site Name: Digswell Lodge Farm Chalk Pit Location: Welwyn Garden City, Hertfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 168859 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A18NE (N)	538	1	524046 213950
68	BGS Recorded Mineral Sites Site Name: Attimore Hall Chalk Pit Location: Welwyn Garden City, Hertfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 168869 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A15SW (E)	968	1	525006 213101
69	BGS Recorded Mineral Sites Site Name: Digswell Chalk Pit Location: Digswell, Welwyn Garden City, Hertfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 168905 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A23SW (N)	983	1	523786 214378
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Man-Made Mining Cavities Easting: 524000 Northing: 214000 Distance: 585 Quadrant Reference: A18 Quadrant Reference: NE Bearing Ref: N Cavity Type: Chalk Mining-Details Unknown Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology: No Details Detail:	A18NE (N)	585	9	524000 214000
	Natural Cavities Easting: 523830 Northing: 213260 Distance: 0 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A13NW (NW)	0	9	523830 213260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 523890 Northing: 213120 Distance: 0 Quadrant Reference: A13 Quadrant Reference: SW Bearing Ref: S Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A13SW (S)	0	9	523890 213120
	Natural Cavities Easting: 523910 Northing: 213100 Distance: 0 Quadrant Reference: A13 Quadrant Reference: SW Bearing Ref: S Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A13SW (S)	0	9	523910 213100
	Natural Cavities Easting: 523900 Northing: 212800 Distance: 228 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A8NW (S)	228	9	523900 212800
	Natural Cavities Easting: 523840 Northing: 212770 Distance: 265 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A8NW (S)	265	9	523840 212770
	Natural Cavities Easting: 524320 Northing: 212960 Distance: 337 Quadrant Reference: A14 Quadrant Reference: SW Bearing Ref: SE Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SW (SE)	337	9	524320 212960
	Natural Cavities Easting: 523800 Northing: 212700 Distance: 339 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A8NW (S)	339	9	523800 212700
	Natural Cavities Easting: 524300 Northing: 212850 Distance: 361 Quadrant Reference: A9 Quadrant Reference: NW Bearing Ref: SE Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A9NW (SE)	361	9	524300 212850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 524260 Northing: 212750 Distance: 393 Quadrant Reference: A9 Quadrant Reference: NW Bearing Ref: SE Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A9NW (SE)	393	9	524260 212750
	Natural Cavities Easting: 524240 Northing: 212660 Distance: 451 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel, Glacial Till and morainic drift Detail:	A8NE (SE)	451	9	524240 212660
	Natural Cavities Easting: 524210 Northing: 212590 Distance: 497 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A8NE (SE)	497	9	524210 212590
	Natural Cavities Easting: 524280 Northing: 212600 Distance: 523 Quadrant Reference: A9 Quadrant Reference: NW Bearing Ref: SE Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A9NW (SE)	523	9	524280 212600
	Natural Cavities Easting: 523860 Northing: 213980 Distance: 579 Quadrant Reference: A18 Quadrant Reference: NW Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology: No Details Detail:	A18NW (N)	579	9	523860 213980
	Natural Cavities Easting: 524660 Northing: 213300 Distance: 588 Quadrant Reference: A14 Quadrant Reference: NE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14NE (E)	588	9	524660 213300
	Natural Cavities Easting: 524630 Northing: 213160 Distance: 588 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	588	9	524630 213160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 524060 Northing: 214040 Distance: 627 Quadrant Reference: A18 Quadrant Reference: NE Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A18NE (N)	627	9	524060 214040
	Natural Cavities Easting: 524800 Northing: 213700 Distance: 772 Quadrant Reference: A19 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A19SE (NE)	772	9	524800 213700
	Natural Cavities Easting: 523530 Northing: 214070 Distance: 798 Quadrant Reference: A17 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology: Glacial Till and morainic drift Detail:	A17NE (NW)	798	9	523530 214070
	Natural Cavities Easting: 523000 Northing: 212700 Distance: 819 Quadrant Reference: A7 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology: Brickearth/head, Glacial sand Detail:	A7NW (SW)	819	9	523000 212700
	Natural Cavities Easting: 524810 Northing: 212900 Distance: 822 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	822	9	524810 212900
	Natural Cavities Easting: 524830 Northing: 212960 Distance: 826 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	826	9	524830 212960
	Natural Cavities Easting: 524900 Northing: 213580 Distance: 834 Quadrant Reference: A19 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A19SE (E)	834	9	524900 213580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 524890 Northing: 213120 Distance: 850 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	850	9	524890 213120
	Natural Cavities Easting: 524860 Northing: 212950 Distance: 857 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	857	9	524860 212950
	Natural Cavities Easting: 524940 Northing: 213520 Distance: 863 Quadrant Reference: A15 Quadrant Reference: NW Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A15NW (E)	863	9	524940 213520
	Natural Cavities Easting: 523510 Northing: 214140 Distance: 867 Quadrant Reference: A17 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology: Glacial Till and morainic drift Detail:	A17NE (NW)	867	9	523510 214140
	Natural Cavities Easting: 524900 Northing: 212980 Distance: 890 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	890	9	524900 212980
	Natural Cavities Easting: 523010 Northing: 212520 Distance: 904 Quadrant Reference: A7 Quadrant Reference: SW Bearing Ref: SW Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A7SW (SW)	904	9	523010 212520
	Natural Cavities Easting: 522900 Northing: 212700 Distance: 910 Quadrant Reference: A7 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial sand, River terrace deposits Detail:	A7NW (SW)	910	9	522900 212700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 524920 Northing: 212950 Distance: 916 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A14SE (E)	916	9	524920 212950
	Natural Cavities Easting: 525020 Northing: 213320 Distance: 942 Quadrant Reference: A15 Quadrant Reference: NW Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A15NW (E)	942	9	525020 213320
	Natural Cavities Easting: 525000 Northing: 213000 Distance: 985 Quadrant Reference: A15 Quadrant Reference: SW Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology: Kesgrave Catchment Subgroup Detail:	A15SW (E)	985	9	525000 213000
	Natural Cavities Easting: 522800 Northing: 213400 Distance: 988 Quadrant Reference: A11 Quadrant Reference: NE Bearing Ref: W Cavity Type: Solution Pipe x 3 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Till and morainic drift Detail:	A11NE (W)	988	9	522800 213400
	Natural Cavities Easting: 525000 Northing: 212960 Distance: 992 Quadrant Reference: A15 Quadrant Reference: SW Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology: Kesgrave Catchment Subgroup Detail:	A15SW (E)	992	9	525000 212960
	Natural Cavities Easting: 524970 Northing: 212840 Distance: 993 Quadrant Reference: A10 Quadrant Reference: NW Bearing Ref: E Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand & Gravel Detail:	A10NW (E)	993	9	524970 212840
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	119	1	523779 213407
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	523882 213276
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	523867 213257
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	29	1	523852 213342
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	111	1	524161 213214
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	119	1	523779 213407
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18SE (N)	218	1	524037 213630
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	205	1	523909 213605
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	105	1	524161 213214
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	105	1	524161 213214
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	119	1	523779 213407
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	523923 213214
	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 (NW)	0	1	523923 213214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Contemporary Trade Directory Entries Name: Mixamate Holdings Ltd Location: Telephone Exchange, Wigmores, Welwyn Garden City, Hertfordshire, AL8 6PH Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	17	-	523723 213047
70	Contemporary Trade Directory Entries Name: United Carpet Cleaning Masters Location: 9, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6AW Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	56	-	523685 213037
71	Contemporary Trade Directory Entries Name: Sketchley Retail Ltd Location: 30, Stonehills, Welwyn Garden City, Hertfordshire, AL8 6PD Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	28	-	523813 213018
71	Contemporary Trade Directory Entries Name: Supasnaps Location: 30 Stonehills, Welwyn Garden City, Hertfordshire, AL8 6PD Classification: Photographic Processors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	28	-	523812 213018
71	Contemporary Trade Directory Entries Name: Advanced Diagnostic Systems Ltd Location: 19/21, Stonehills House, Stonehills, Welwyn Garden City, Hertfordshire, AL8 6NL Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (S)	44	-	523848 212998
71	Contemporary Trade Directory Entries Name: Amalgamated Chartered Surveyors Location: 51, Stonehills House, Stonehills, Welwyn Garden City, Hertfordshire, AL8 6NH Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (S)	44	-	523848 212998
71	Contemporary Trade Directory Entries Name: London Boys Scrap Yards In Welwyn Garden City Location: 39b, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6AP Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	50	-	523780 212992
71	Contemporary Trade Directory Entries Name: Scrap Car Now Today Cash Welwyn Garden City Location: Howardsgate, Welwyn Garden City, Hertfordshire, al8 6ap Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	52	-	523792 212987
72	Contemporary Trade Directory Entries Name: Snappy Snaps Location: 59, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6BB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	64	-	523864 212972
73	Contemporary Trade Directory Entries Name: Sovereign Bus & Coach Co Location: Welwyn Garden City Bus Station, Howard Centre, Welwyn Garden City, Hertfordshire, AL8 6ER Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (S)	108	-	523898 212920
73	Contemporary Trade Directory Entries Name: Shopmobility Location: Unit 53a, The Howard Centre, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6HA Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	109	-	523898 212920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Contemporary Trade Directory Entries Name: The Curtain Co Location: Unit 45, The Howard Centre, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6HA Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	109	-	523898 212920
73	Contemporary Trade Directory Entries Name: Bonusprint Location: Unit 30, The Howard Centre, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6HA Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	109	-	523898 212920
73	Contemporary Trade Directory Entries Name: Kall Kwik Location: 36b, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6BJ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	109	-	523898 212920
73	Contemporary Trade Directory Entries Name: Shopmobility Location: Unit 53A, The Howard Centre, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6HA Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	109	-	523898 212920
73	Contemporary Trade Directory Entries Name: Prontaprint Location: 18, Howardsgate, Welwyn Garden City, Hertfordshire, AL8 6BQ Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	109	-	523898 212920
74	Contemporary Trade Directory Entries Name: Funnybones Location: Centra Park, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HW Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	160	-	524228 213326
74	Contemporary Trade Directory Entries Name: Grace Foods Location: Centra Park, Bessemer Road, Welwyn Garden City, AL7 1HW Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	160	-	524228 213326
74	Contemporary Trade Directory Entries Name: Grace Foods Location: Centra Park, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HW Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	160	-	524228 213326
74	Contemporary Trade Directory Entries Name: Luvata Welwyn Garden Location: Centrapark, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HT Classification: Brass & Copper Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	160	-	524228 213326
75	Contemporary Trade Directory Entries Name: Cypress Semiconductor Location: Gate House, Fretherne Road, Welwyn Garden City, Hertfordshire, AL8 6RD Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	168	-	523821 212873
75	Contemporary Trade Directory Entries Name: Photo Imaging Centre Location: 44, Fretherne Road, Welwyn Garden City, Hertfordshire, AL8 6NU Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	182	-	523775 212859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Contemporary Trade Directory Entries Name: Johnsons Cleaners Location: 43, Fretherne Road, Welwyn Garden City, AL8 6NS Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	189	-	523811 212851
76	Contemporary Trade Directory Entries Name: I B M (Uk) Ltd Location: Rosanne House, Bridge Road, Welwyn Garden City, Hertfordshire, AL8 6UB Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	169	-	523601 213228
77	Contemporary Trade Directory Entries Name: Travis Perkins Plc Location: Unit 9 Bessemer Road Business Park, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1GF Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	193	-	524219 213139
78	Contemporary Trade Directory Entries Name: Pakex Uk Plc Location: Unit 1, Prime Point, Bessemer Road, Welwyn Garden City, AL7 1FE Classification: Polythene & Plastic Sheetting Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	203	-	524255 213249
78	Contemporary Trade Directory Entries Name: Howdens Ltd Location: Unit 1, Prime Point, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1FE Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	203	-	524255 213245
78	Contemporary Trade Directory Entries Name: Howdens Joinery Location: Unit 1, Prime Point, Bessemer Road, Welwyn Garden City, AL7 1FE Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	203	-	524255 213249
79	Contemporary Trade Directory Entries Name: Cereal Partners Location: 2 Albany Place, 28, Bridge Road East, Welwyn Garden City, AL7 1RR Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	227	-	524207 212968
80	Contemporary Trade Directory Entries Name: Wickes Location: 1, Bessemer Road, Welwyn Garden City, AL7 1GF Classification: Builders' Merchants Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	259	-	524279 213092
81	Contemporary Trade Directory Entries Name: Hexacath (Uk) Ltd Location: 7, Church Road, Welwyn Garden City, Hertfordshire, AL8 6NT Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	284	-	523714 212767
81	Contemporary Trade Directory Entries Name: Tristar Motor Group Plc Location: 7, Church Road, Welwyn Garden City, Hertfordshire, AL8 6NT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	284	-	523714 212767
82	Contemporary Trade Directory Entries Name: Barco Sales Ltd Location: Unit 15d, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HU Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	286	-	524334 213219

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	Contemporary Trade Directory Entries Name: Impex Freight Location: Unit 2, Falcon Gate, Falcon Way, Shire Park, Welwyn Garden City, AL7 1TW Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	294	-	524335 213566
84	Contemporary Trade Directory Entries Name: Grace Foods Uk Ltd Location: Centra Park, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HT Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	302	-	524363 213280
84	Contemporary Trade Directory Entries Name: Enco Products Ltd Location: Centra Park, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HT Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	302	-	524363 213280
85	Contemporary Trade Directory Entries Name: S A S Machine Co Ltd Location: Orion House, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HH Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	302	-	524383 213451
86	Contemporary Trade Directory Entries Name: Alpha Air Conditioning Uk Ltd Location: 61, Blakemere Road, Welwyn Garden City, Hertfordshire, AL8 7PQ Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	306	-	523906 213711
87	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: Unit 4, Shires Park, Falcon Way, Welwyn Garden City, Hertfordshire, AL7 1TW Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	311	-	524267 213664
87	Contemporary Trade Directory Entries Name: Lafarge Readymix Location: Unit 4, Falcon Way, Shire Park, Welwyn Garden City, Hertfordshire, AL7 1TW Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	311	-	524267 213664
88	Contemporary Trade Directory Entries Name: Done & Dusted Location: 8, Densley Close, Welwyn Garden City, Hertfordshire, AL8 7JX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	344	-	523522 213495
89	Contemporary Trade Directory Entries Name: Moorlands Motor Company Location: 17 Broadwater Rd, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	357	-	524236 212777
89	Contemporary Trade Directory Entries Name: Supertyres Location: 13-15 Broadwater Rd, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	369	-	524280 212808
89	Contemporary Trade Directory Entries Name: Super Tyres Motorist Centre Location: 17, Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	390	-	524272 212766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Contemporary Trade Directory Entries Name: Supertyres Mot Ltd Location: 17, Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	390	-	524272 212766
89	Contemporary Trade Directory Entries Name: Adams Autocare Location: Unit 10 Broad Court, Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	393	-	524258 212748
89	Contemporary Trade Directory Entries Name: Pod Drinks Plc Location: 21a, Broadwater Road, Welwyn Garden City, AL7 3BQ Classification: Vending Machine Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	408	-	524261 212730
90	Contemporary Trade Directory Entries Name: Welwyn Garden City Ltd Location: Churchfield House, Guessens Road, Welwyn Garden City, Hertfordshire, AL8 6RJ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	373	-	523451 212817
91	Contemporary Trade Directory Entries Name: E C Motors Location: Broadwater Rd, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	379	-	524225 212738
92	Contemporary Trade Directory Entries Name: Pc Disposals Location: Bessemer House, Bessemer Road, Welwyn Garden City, Hertfordshire, AL7 1HJ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	384	-	524407 213097
93	Contemporary Trade Directory Entries Name: Continental Data Graphics Ltd Location: Albany Place, Hyde Way, Welwyn Garden City, AL7 3BT Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	389	-	524351 212890
93	Contemporary Trade Directory Entries Name: Continental Data Graphics Ltd Location: Albany Place, Hyde Way, Welwyn Garden City, AL7 3BT Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	389	-	524351 212890
93	Contemporary Trade Directory Entries Name: Cephalon Location: Albany Place, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3BT Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	390	-	524352 212890
94	Contemporary Trade Directory Entries Name: Kwik Fit Location: Unit A, Bridge Park, 27, Bridge Road East, Welwyn Garden City, AL7 1JE Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	398	-	524407 213034
94	Contemporary Trade Directory Entries Name: Kwik-Fit Location: Unit A, Bridge Park, 27, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JE Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	398	-	524407 213034

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	Contemporary Trade Directory Entries Name: Halfords Autocentre Location: Unit B, Bridge Park, 27, Bridge Road East, Welwyn Garden City, AL7 1JE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	416	-	524423 213025
95	Contemporary Trade Directory Entries Name: Welwyn Lighting Designs Ltd Location: Aquarius House, Bessemer Road, Welwyn Garden City, AL7 1HH Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	406	-	524455 213212
96	Contemporary Trade Directory Entries Name: Scrap Cars Vans Caravans Buyer Location: 26, Bridge Road East, Welwyn Garden City, AL7 1HL Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	422	-	524406 212952
96	Contemporary Trade Directory Entries Name: Alan Tracy Ltd Location: 26, Bridge Road East, Welwyn Garden City, AL7 1HL Classification: French Polishing Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	422	-	524406 212952
96	Contemporary Trade Directory Entries Name: Uk Pest Solutions Ltd Location: Albany Chambers, 26 Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1HL Classification: Fumigation Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	422	-	524406 212952
96	Contemporary Trade Directory Entries Name: Tracy'S French Polishing Location: 26, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1HL Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	422	-	524408 212958
96	Contemporary Trade Directory Entries Name: Elan Graphic Solutions Ltd Location: 26, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1HL Classification: Printing Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	426	-	524413 212957
96	Contemporary Trade Directory Entries Name: Atford Location: 26, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1HL Classification: Engine Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	426	-	524413 212957
97	Contemporary Trade Directory Entries Name: Lemsford Metal Products 1982 Ltd Location: 24, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	423	-	524322 212773
97	Contemporary Trade Directory Entries Name: Cleamax Engineering Ltd Location: 24, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	423	-	524322 212773
97	Contemporary Trade Directory Entries Name: F R E S C H Location: 26-28, Hyde Way, Welwyn Garden City, AL7 3UQ Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	464	-	524370 212770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Contemporary Trade Directory Entries Name: Bounty Location: 29, Broadwater Road, Welwyn Garden City, AL7 3BQ Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	438	-	524243 212678
98	Contemporary Trade Directory Entries Name: Ecri Institute Europe Location: 29, Broadwater Road, Welwyn Garden City, AL7 3BQ Classification: Medical Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	450	-	524248 212667
99	Contemporary Trade Directory Entries Name: Just Tyres Location: Unit E-F, Bridge Park, 27, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JE Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A14SW (E)	440	-	524446 213017
99	Contemporary Trade Directory Entries Name: National Tyres & Autocare Location: Unit 2c Bridge Park, 27 Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JE Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	442	-	524446 213010
99	Contemporary Trade Directory Entries Name: Welwyn Merx Ltd Location: Unit 6, Tewin Road Business Centre, Garden Court, Welwyn Garden City, AL7 1BH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	478	-	524477 212988
99	Contemporary Trade Directory Entries Name: Babyland Location: Unit 6, Tewin Road Business Centre, Garden Court, Welwyn Garden City, Hertfordshire, AL7 1BH Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	479	-	524478 212988
99	Contemporary Trade Directory Entries Name: Village Electrics Location: Unit 6, Tewin Road Business Centre, Garden Court, Welwyn Garden City, Hertfordshire, AL7 1BH Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	479	-	524478 212988
99	Contemporary Trade Directory Entries Name: Mech-Tech Autos Ltd Location: Unit 9 Tewin Road Business Centre, Garden Court, Welwyn Garden City, Hertfordshire, AL7 1BH Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	491	-	524499 213016
99	Contemporary Trade Directory Entries Name: Auto Wiz Location: Unit 4, Tewin Road Business Centre, Garden Court, Welwyn Garden City, Hertfordshire, AL7 1BH Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	496	-	524493 212979
99	Contemporary Trade Directory Entries Name: Masterfit Auto Services & Repairs Location: Unit 3, Tewin Road Business Centre, Garden Court, Welwyn Garden City, AL7 1BH Classification: Tyre Repairs & Retreading Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	507	-	524502 212973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Contemporary Trade Directory Entries Name: Esso Location: Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1LE Classification: Petrol Filling Stations - 24 Hour Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	512	-	524502 212956
99	Contemporary Trade Directory Entries Name: Mark Tempest Autocentre Ltd Location: Unit 1-2, Tewin Road Business Centre, Garden Court, Welwyn Garden City, AL7 1BH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	523	-	524517 212965
100	Contemporary Trade Directory Entries Name: L J Whiteman & Son Welwyn Test Centre Location: 27a, Hyde Way, Welwyn Garden City, AL7 3UQ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	453	-	524407 212858
100	Contemporary Trade Directory Entries Name: L J Whiteman & Son Location: 27a, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	454	-	524407 212858
100	Contemporary Trade Directory Entries Name: Imedco Location: 27, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Medical Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	462	-	524406 212835
100	Contemporary Trade Directory Entries Name: Imedco Ltd Location: 27, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	462	-	524406 212835
100	Contemporary Trade Directory Entries Name: A1m Car Services Ltd Location: 29, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	473	-	524410 212817
101	Contemporary Trade Directory Entries Name: Supertyres Motorists Centre Ltd Location: 23a, Broadwater Road, Welwyn Garden City, AL7 3BQ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	455	-	524298 212701
101	Contemporary Trade Directory Entries Name: Ridge Engineering Co Ltd Location: 23a Broadwater Rd, Welwyn Garden City, Hertfordshire, AL7 3AU Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	455	-	524298 212700
101	Contemporary Trade Directory Entries Name: Supertyres Motorists Centre Location: Newton House, 23a, Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3BQ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	455	-	524298 212701
102	Contemporary Trade Directory Entries Name: Roche Products Ltd Location: 40 Broadwater Rd, Welwyn Garden City, Hertfordshire, AL7 3AY Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	463	-	524110 212588

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Contemporary Trade Directory Entries Name: K J Taplin Location: 79, Guessens Road, Welwyn Garden City, Hertfordshire, AL8 6RE Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	469	-	523392 212740
104	Contemporary Trade Directory Entries Name: Inspace Mechanical & Electrical Location: 43, Longcroft Lane, Welwyn Garden City, Hertfordshire, AL8 6EB Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	476	-	523733 212567
105	Contemporary Trade Directory Entries Name: Drake Electronics Ltd Location: 26-28, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	479	-	524367 212740
105	Contemporary Trade Directory Entries Name: Presswork Location: Unit 23-24, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	482	-	524338 212702
105	Contemporary Trade Directory Entries Name: Prompt Fire Protection Location: Unit 25, Peartree Farm, Peartree Lane, Welwyn Garden City, AL7 3UW Classification: Firefighting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	492	-	524348 212698
105	Contemporary Trade Directory Entries Name: Jj Engineering (Uk) Ltd Location: Unit 19/20, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	493	-	524331 212679
105	Contemporary Trade Directory Entries Name: A C Precision Location: Unit 26, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	498	-	524355 212696
105	Contemporary Trade Directory Entries Name: Peartree Clutch & Engine Centre Location: 1 Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	535	-	524390 212680
105	Contemporary Trade Directory Entries Name: G V A Engineering Co Ltd Location: Unit 1, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	537	-	524392 212680
105	Contemporary Trade Directory Entries Name: Peartree Welding Centre Location: Unit 2, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	543	-	524398 212678
106	Contemporary Trade Directory Entries Name: British Lead Mills Location: Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UB Classification: Metal Industries - Primary Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	484	-	524458 212910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Contemporary Trade Directory Entries Name: Clinical Hypnosis Location: 28, The Cloisters, Welwyn Garden City, Hertfordshire, AL8 6DX Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	486	-	523554 212607
108	Contemporary Trade Directory Entries Name: Ats Euromaster Ltd Location: 17, Tewin Road, WELWYN GARDEN CITY, Hertfordshire, AL7 1BD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	508	-	524528 213072
108	Contemporary Trade Directory Entries Name: W.G.C Non Ferrous Metals Location: 17, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Non-Ferrous Metals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	508	-	524528 213072
108	Contemporary Trade Directory Entries Name: Duo Cars Location: Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	532	-	524554 213084
108	Contemporary Trade Directory Entries Name: Welwyn Car Centre Location: Tewin Rd, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	549	-	524568 213064
109	Contemporary Trade Directory Entries Name: Essen Bioscience Ltd Location: Bio-Park, Broadwater Road, Welwyn Garden City, AL7 3AX Classification: Laboratory Equipment, Instruments & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	516	-	523949 212514
109	Contemporary Trade Directory Entries Name: Biopark Hertfordshire Location: Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3AX Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	-	523946 212497
109	Contemporary Trade Directory Entries Name: Biopark Location: Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3AX Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	-	523946 212497
109	Contemporary Trade Directory Entries Name: Temag Pharma Ltd Location: Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3AX Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	-	523946 212497
109	Contemporary Trade Directory Entries Name: C N Bio Innovations Location: Bio-Park, Broadwater Road, WELWYN GARDEN CITY, Hertfordshire, AL7 3AX Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	533	-	523946 212497
110	Contemporary Trade Directory Entries Name: Esso Location: Bridge Road East, Welwyn Garden City, AL7 1LE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	523	-	524512 212950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	Contemporary Trade Directory Entries Name: Esso Location: Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1LE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	525	-	524514 212951
111	Contemporary Trade Directory Entries Name: Digitimer Ltd Location: 37, Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3BE Classification: Medical Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	523	-	524456 212799
112	Contemporary Trade Directory Entries Name: All Clear Pest Control Location: 69, Handside Lane, Welwyn Garden City, Hertfordshire, AL8 6SH Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	539	-	523235 212864
112	Contemporary Trade Directory Entries Name: Acorn French Polishing Location: 69, Handside Lane, WELWYN GARDEN CITY, Hertfordshire, AL8 6SH Classification: French Polishing Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	539	-	523235 212864
112	Contemporary Trade Directory Entries Name: Acorn French Polishing Location: 69, Handside Lane, Welwyn Garden City, Hertfordshire, AL8 6SH Classification: Paint & Varnish Stripping Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	539	-	523235 212864
112	Contemporary Trade Directory Entries Name: Mr Mop Office Cleaning Services Location: 74, Handside Lane, Welwyn Garden City, Hertfordshire, AL8 6SJ Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (SW)	548	-	523211 212902
113	Contemporary Trade Directory Entries Name: British Premium Meats Location: 32 Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3UQ Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	541	-	524444 212741
113	Contemporary Trade Directory Entries Name: Tecmed Ltd Location: 32a Hyde Way, Welwyn Garden City, Hertfordshire, AL7 3AW Classification: Medical Instruments - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	557	-	524442 212710
114	Contemporary Trade Directory Entries Name: Jack O'Neill Location: Unit 3, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	549	-	524405 212675
114	Contemporary Trade Directory Entries Name: Aces Tyres Location: Unit 6, Peartree Farm, Peartree Lane, Welwyn Garden City, AL7 3UW Classification: Tyre Repairs & Retreading Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	571	-	524425 212666
114	Contemporary Trade Directory Entries Name: A1 Services Location: Unit 6, Peartree Farm, Peartree Lane, Welwyn Garden City, Hertfordshire, AL7 3UW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	571	-	524425 212666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	Contemporary Trade Directory Entries Name: R S B Uk Ltd Location: Bridgefields, Welwyn Garden City, Hertfordshire, AL7 1RX Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	559	-	524617 213238
116	Contemporary Trade Directory Entries Name: Chestminster Ltd Location: Bridgefields, Welwyn Garden City, Hertfordshire, AL7 1RX Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	581	-	524655 213313
117	Contemporary Trade Directory Entries Name: Jardak Location: 14, Tewin Road, Welwyn Garden City, AL7 1BW Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	594	-	524621 213103
117	Contemporary Trade Directory Entries Name: Direct Janitorial Solutions Ltd Location: 14, Tewin Road, Welwyn Garden City, AL7 1BW Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	594	-	524621 213103
117	Contemporary Trade Directory Entries Name: Hertfordshire Community Nhs Trust Location: Unit 1a Port Road Howard Court, 14 Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BW Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	597	-	524624 213100
117	Contemporary Trade Directory Entries Name: Jardak Services Location: 14, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BW Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	598	-	524624 213100
117	Contemporary Trade Directory Entries Name: Shindengen (Uk) Ltd Location: 12, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BW Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	605	-	524627 213085
117	Contemporary Trade Directory Entries Name: L G A Finishing Ltd Location: Unit 20 Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Manually positioned to the address or location	A14SE (E)	613	-	524650 213135
117	Contemporary Trade Directory Entries Name: Amerco Electrical Distributors Ltd Location: 18, Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	636	-	524667 213107
117	Contemporary Trade Directory Entries Name: Lemsford Mill Controls Location: 16, Tewin Court, Welwyn Garden City, AL7 1AU Classification: Control Panels Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	665	-	524692 213091
118	Contemporary Trade Directory Entries Name: Hamamatsu Photonics (Uk) Ltd Location: 10, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BW Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	596	-	524614 213051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Contemporary Trade Directory Entries Name: Vosper Thornycroft Controls Ltd Location: 8, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BW Classification: Control Panel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A14SE (E)	600	-	524621 213068
119	Contemporary Trade Directory Entries Name: Heritage & Archive Location: The Vineyard, Welwyn Garden City, Hertfordshire, AL8 7PU Classification: Photo & Digital Imaging Bureaus Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	609	-	524051 214022
120	Contemporary Trade Directory Entries Name: R & R Cleaning Services Location: 8, Brockswood Lane, Welwyn Garden City, Hertfordshire, AL8 7BG Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	617	-	523152 213260
121	Contemporary Trade Directory Entries Name: Stafford Miller Ltd Location: Broadwater House, 45, Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3SP Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	619	-	524184 212447
122	Contemporary Trade Directory Entries Name: Brig-Ayd Controls Ltd Location: 56a, Bridge Road East, Welwyn Garden City, AL7 1BS Classification: Disability Equipment - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	627	-	524585 212837
122	Contemporary Trade Directory Entries Name: Silverstream Engineering Ltd Location: 58a, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JU Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	640	-	524597 212834
123	Contemporary Trade Directory Entries Name: Cleaners Welwyn Garden City Location: 82, Longcroft Lane, Welwyn Garden City, Hertfordshire, AL8 6EJ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	629	-	523647 212428
124	Contemporary Trade Directory Entries Name: Hallgrove Garage Location: 4, Tewin Court, Welwyn Garden City, AL7 1AU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	637	-	524688 213198
124	Contemporary Trade Directory Entries Name: Unicut Precision Location: 5, Tewin Court, WELWYN GARDEN CITY, Hertfordshire, AL7 1AU Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	649	-	524698 213188
124	Contemporary Trade Directory Entries Name: Champagne Fashions Location: 1c, Tewin Court, Welwyn Garden City, AL7 1AU Classification: Clothing Accessory Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	675	-	524731 213214
124	Contemporary Trade Directory Entries Name: Opella Location: 7, Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Valve Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	676	-	524721 213164

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	Contemporary Trade Directory Entries Name: Paksafe Location: 1, Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	686	-	524740 213208
125	Contemporary Trade Directory Entries Name: Flowline Manufacturing Location: 58, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Flow Measurement Systems - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	638	-	524698 213238
125	Contemporary Trade Directory Entries Name: A M P Air Conditioning Location: Blenheim House, Blenheim Court, Brownfields, Welwyn Garden City, AL7 1AD Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	663	-	524728 213257
125	Contemporary Trade Directory Entries Name: A M P Air Conditioning Location: Blenheim House, Blenheim Court, Brownfields, Welwyn Garden City, AL7 1AD Classification: Air Conditioning Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	663	-	524728 213257
126	Contemporary Trade Directory Entries Name: Happy House Cleaners Location: 80, Broadwater Crescent, Welwyn Garden City, Hertfordshire, AL7 3TU Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	639	-	523994 212396
127	Contemporary Trade Directory Entries Name: Webuyanyelectronics.Com Location: 137, Guessens Road, WELWYN GARDEN CITY, Hertfordshire, AL8 6RR Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	641	-	523181 212738
128	Contemporary Trade Directory Entries Name: H Plc Technology Ltd Location: 3 Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	656	-	524734 213496
128	Contemporary Trade Directory Entries Name: Best Digital Ltd Location: 6, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	657	-	524735 213496
128	Contemporary Trade Directory Entries Name: Rye Gold Ltd Location: UNIT 3 Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Print Finishers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	686	-	524760 213524
128	Contemporary Trade Directory Entries Name: Chromacol Ltd Location: Glen Ross House, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	687	-	524761 213524
129	Contemporary Trade Directory Entries Name: Total Solutions Location: Unit 8 Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	677	-	524759 213450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Contemporary Trade Directory Entries Name: Chromacol Ltd Location: Glen Ross House, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A14NE (E)	710	-	524790 213481
129	Contemporary Trade Directory Entries Name: Sigma Imaging Uk Ltd Location: 13, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Photographic Equipment & Supplies - Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	746	-	524824 213497
130	Contemporary Trade Directory Entries Name: Jardak Services Location: Norton Building, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JR Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	681	-	524671 212932
131	Contemporary Trade Directory Entries Name: Ace Printers Ltd Location: 10, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	696	-	524779 213430
131	Contemporary Trade Directory Entries Name: Hiq Location: 10, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	696	-	524779 213430
131	Contemporary Trade Directory Entries Name: Abco Lifting Equipment Ltd Location: 11, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Ropes & Hawsers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	705	-	524788 213420
131	Contemporary Trade Directory Entries Name: Abco Lifting Equipment Location: 11, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	705	-	524788 213420
132	Contemporary Trade Directory Entries Name: Harpenden Engineering Services Ltd Location: 14, Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	702	-	524729 213085
132	Contemporary Trade Directory Entries Name: Finetech Medical Location: 13-15, Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	705	-	524735 213096
132	Contemporary Trade Directory Entries Name: Rouge Garments Ltd Location: Unit 14, Martinfield Business Centre, Martinfield, Welwyn Garden City, AL7 1HG Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	711	-	524731 213058
132	Contemporary Trade Directory Entries Name: Easthill Faraday Location: Unit 1, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	711	-	524731 213058

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Contemporary Trade Directory Entries Name: T J Fire & Security Location: Unit 5, Martinfield Business Centre, Martinfield, WELWYN GARDEN CITY, Hertfordshire, AL7 1HG Classification: Firefighting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	737	-	524767 213093
133	Contemporary Trade Directory Entries Name: Acculith Repro Location: Unit 9-12, Tewin Court, Welwyn Garden City, AL7 1AU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	707	-	524743 213121
133	Contemporary Trade Directory Entries Name: Sterling Printing Company Ltd Location: Unit 9-12, Tewin Court, Welwyn Garden City, AL7 1AU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	707	-	524743 213121
133	Contemporary Trade Directory Entries Name: Rogar Products Ltd Location: Unit 9/12, Tewin Court, Welwyn Garden City, Hertfordshire, AL7 1AU Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	713	-	524749 213118
133	Contemporary Trade Directory Entries Name: V S L Group Location: Unit 6, Martinfield Business Centre, Martinfield, WELWYN GARDEN CITY, Hertfordshire, AL7 1HG Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	742	-	524774 213099
134	Contemporary Trade Directory Entries Name: The Fridge Filter Shop Ltd Location: 1g, Tewin Court, Welwyn Garden City, AL7 1AU Classification: Water Softeners Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	707	-	524756 213181
135	Contemporary Trade Directory Entries Name: Exclusive Ranges Ltd Location: 1, Sutherland Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1BJ Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	740	-	524812 213289
135	Contemporary Trade Directory Entries Name: G C T Location: 6-7 Sutherland Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1BJ Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	760	-	524837 213316
135	Contemporary Trade Directory Entries Name: Brillanz Electronic Systems Location: 10, Sutherland Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1BJ Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	773	-	524844 213283
135	Contemporary Trade Directory Entries Name: Central Services & Distribution Location: 40, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AX Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	786	-	524855 213266
135	Contemporary Trade Directory Entries Name: Central Services And Distribution Location: 40, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AX Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	786	-	524855 213266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Contemporary Trade Directory Entries Name: Nvelope Rainscreen Systems Ltd Location: Unit 10 Blenheim Ct, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Cladding Suppliers & Installers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	744	-	524798 213198
136	Contemporary Trade Directory Entries Name: Lynbond 2000 Location: 8, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Laboratory Equipment, Instruments & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	769	-	524814 213151
136	Contemporary Trade Directory Entries Name: F C Imaging Ltd Location: 7, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Photographic Equipment & Supplies - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	770	-	524817 213165
136	Contemporary Trade Directory Entries Name: N B Transport Services Ltd Location: N B House, Blenheim Ct, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	780	-	524829 213173
136	Contemporary Trade Directory Entries Name: Phoenix Lighting Location: 5, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	785	-	524830 213153
136	Contemporary Trade Directory Entries Name: Zecare Ltd Location: 5, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	785	-	524830 213153
136	Contemporary Trade Directory Entries Name: Matthews & Sons Repairs Ltd Location: 4, Blenheim Court, Brownfields, Welwyn Garden City, AL7 1AD Classification: Hydraulic Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	790	-	524834 213145
136	Contemporary Trade Directory Entries Name: V O R Services Ltd Location: 4, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	791	-	524835 213146
136	Contemporary Trade Directory Entries Name: Tao Sports Location: 1 Blenheim Ct, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	800	-	524854 213194
136	Contemporary Trade Directory Entries Name: Amp Air Conditioning Location: 1, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	801	-	524855 213196
136	Contemporary Trade Directory Entries Name: Remilia Ltd Location: 1, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	801	-	524855 213196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Contemporary Trade Directory Entries Name: Morrells Woodfinishes Location: 1, Morrell Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AY Classification: Paint Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	801	-	524855 213196
136	Contemporary Trade Directory Entries Name: Fix8 Ltd Location: Unit 1 Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	801	-	524856 213196
136	Contemporary Trade Directory Entries Name: Fix 8 Location: 1, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Fasteners & Fixing Devices Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	801	-	524855 213196
137	Contemporary Trade Directory Entries Name: Window Base Ltd Location: 15, South Mundells, Welwyn Garden City, Hertfordshire, AL7 1EP Classification: Window Frames - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	747	-	524830 213388
137	Contemporary Trade Directory Entries Name: Finetech Engineering Ltd Location: 78, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	747	-	524830 213388
137	Contemporary Trade Directory Entries Name: 4d Contracts Ltd Location: 78, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	747	-	524830 213388
137	Contemporary Trade Directory Entries Name: Pakex Location: 13, South Mundells, Welwyn Garden City, AL7 1EP Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	752	-	524835 213403
137	Contemporary Trade Directory Entries Name: Diagnatech Ltd Location: Unit 25 South Mundells, Welwyn Garden City, Hertfordshire, AL7 1EP Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	752	-	524835 213403
137	Contemporary Trade Directory Entries Name: Millthorne Engineering & Co Location: 82, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	765	-	524848 213408
137	Contemporary Trade Directory Entries Name: Lingwood Tools Location: 82, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	765	-	524848 213408
137	Contemporary Trade Directory Entries Name: C R Motor Co Ltd Location: 11, South Mundells, Welwyn Garden City, Hertfordshire, AL7 1EP Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	765	-	524848 213408

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	Contemporary Trade Directory Entries Name: Spectrum Curtains & Blinds Location: Unit 84 The Haslemere Indust Est, Tewin Rd, Welwyn Garden City, Hertfordshire, AL8 7SR Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	772	-	524855 213418
138	Contemporary Trade Directory Entries Name: Stielow Ltd Location: Unit 7, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Mailing Machines & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	749	-	524783 213106
138	Contemporary Trade Directory Entries Name: Nexcape Pharmaceuticals Ltd Location: Unit 15, Martinfield Business Centre, Martinfield, Welwyn Garden City, AL7 1HG Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	782	-	524807 213067
138	Contemporary Trade Directory Entries Name: Enterprise Support Services Location: Unit 9, Martinfield Business Centre, Martinfield, Welwyn Garden City, AL7 1HG Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	790	-	524817 213073
138	Contemporary Trade Directory Entries Name: One Media Optical Uk Ltd Location: Unit 14, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Record, Tape & CD Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	794	-	524818 213062
138	Contemporary Trade Directory Entries Name: Hertfordshire Cleaning Products Ltd Location: Unit 10, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	796	-	524821 213065
138	Contemporary Trade Directory Entries Name: Kirby Location: Unit 10, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	796	-	524821 213065
138	Contemporary Trade Directory Entries Name: Gp Cleaning Products Location: Unit 10, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Janitorial Equipment - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	796	-	524821 213065
138	Contemporary Trade Directory Entries Name: A & T Transport Services Location: Unit 10, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	796	-	524821 213065
138	Contemporary Trade Directory Entries Name: Martin-Woolman Ltd Location: Unit 12, Martinfield Business Centre, Martinfield, Welwyn Garden City, AL7 1HG Classification: Printed Circuit Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	800	-	524821 213051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	Contemporary Trade Directory Entries Name: M B S Ltd Location: Unit 11, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	805	-	524828 213057
138	Contemporary Trade Directory Entries Name: Lee Beesley Location: Unit 11, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	805	-	524828 213057
138	Contemporary Trade Directory Entries Name: J D Whisker Location: Unit 4, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	808	-	524825 213029
138	Contemporary Trade Directory Entries Name: Agerus Enterprises Location: Unit 7, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	824	-	524845 213048
139	Contemporary Trade Directory Entries Name: Saint-Gobain Abrasives Ltd Location: Bridge Rd East, Welwyn Garden City, Hertfordshire, AL7 1HZ Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NE (SE)	751	-	524704 212802
139	Contemporary Trade Directory Entries Name: Commercial Body Fittings Ltd Location: 80, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1JY Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	752	-	524692 212766
140	Contemporary Trade Directory Entries Name: Moore Digital Solutions Location: 24, Ludwick Way, Welwyn Garden City, Hertfordshire, AL7 3QS Classification: Digital Printing Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	757	-	524598 212583
141	Contemporary Trade Directory Entries Name: Apex Grange Location: 14, Little Mundells, Welwyn Garden City, AL7 1EW Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	759	-	524838 213497
141	Contemporary Trade Directory Entries Name: Atech Location: 15, Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW Classification: Printing Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	770	-	524849 213492
142	Contemporary Trade Directory Entries Name: Paypoint Networks Location: Unit 1, The Boulevard, Welwyn Garden City, Hertfordshire, AL7 1EL Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	766	-	524787 213716
143	Contemporary Trade Directory Entries Name: Sabre Industrial Products Ltd Location: Unit 19, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Nuts, Bolts & Fixings Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	771	-	524788 213027

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: Mpf Fasteners Ltd Location: Unit 20, Martinfield Business Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1HG Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	780	-	524795 213019
143	Contemporary Trade Directory Entries Name: A Bigger Splash Location: Unit 1, Bridge Gate Centre, Martinfield, Welwyn Garden City, AL7 1JG Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	790	-	524804 213009
144	Contemporary Trade Directory Entries Name: Ge Transportation Systems Ltd Location: Inspira House, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1GW Classification: Railway Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	785	-	524785 212948
145	Contemporary Trade Directory Entries Name: Magnet Trade Location: Unit 11 Quadrant Park, Welwyn Garden City, Hertfordshire, AL7 1FS Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (E)	786	-	524847 213597
146	Contemporary Trade Directory Entries Name: Tape Converters Ltd Location: 86, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	788	-	524871 213428
146	Contemporary Trade Directory Entries Name: Deso Haulage International Location: 86, Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	788	-	524871 213428
146	Contemporary Trade Directory Entries Name: Predator Motor Sport Location: 1, South Mundells, Welwyn Garden City, Hertfordshire, AL7 1EP Classification: Exhaust System Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	811	-	524893 213463
146	Contemporary Trade Directory Entries Name: Predator Motorsport Ltd Location: 1, South Mundells, Welwyn Garden City, Hertfordshire, AL7 1EP Classification: Motor Cycle Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	811	-	524893 213463
146	Contemporary Trade Directory Entries Name: Predator Location: 1, South Mundells, Welwyn Garden City, Hertfordshire, AL7 1EP Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	811	-	524893 213463
147	Contemporary Trade Directory Entries Name: Isolation Solutions Location: Unit 1, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Chemical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	791	-	524805 213010
147	Contemporary Trade Directory Entries Name: T M Robotics Europe Ltd Location: Unit 2, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Automation Systems & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	797	-	524812 213017

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	Contemporary Trade Directory Entries Name: Ht Consulting & Automation Location: Unit 3, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	802	-	524818 213022
147	Contemporary Trade Directory Entries Name: Kane (International) Ltd Location: Kane House, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	823	-	524833 212985
147	Contemporary Trade Directory Entries Name: Chapman Ventilation Ltd Location: Unit 9, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Ventilators & Ventilation Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	840	-	524854 213008
147	Contemporary Trade Directory Entries Name: Jaylec Electrical Contractors Ltd Location: Unit 8, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	848	-	524864 213015
147	Contemporary Trade Directory Entries Name: Jarrards Location: Unit 8, Bridge Gate Centre, Martinfield, Welwyn Garden City, Hertfordshire, AL7 1JG Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	848	-	524864 213015
148	Contemporary Trade Directory Entries Name: John Grundy Motoring Services Location: 1, Pippens, Welwyn Garden City, Hertfordshire, AL8 7AB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	804	-	524132 214216
149	Contemporary Trade Directory Entries Name: R I Sherwin & Son Ltd Location: 29, Broadwater Crescent, Welwyn Garden City, Hertfordshire, AL7 3TS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	804	-	523878 212224
150	Contemporary Trade Directory Entries Name: G C T Location: 6-7, Sutherland Court, Brownfields, Welwyn Garden City, AL7 1BJ Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	806	-	524883 213316
150	Contemporary Trade Directory Entries Name: Squire Furneaux Location: 36, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1BA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	815	-	524888 213286
150	Contemporary Trade Directory Entries Name: Cuzner & White Location: 32, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	847	-	524922 213303
150	Contemporary Trade Directory Entries Name: A G M Auto Solutions Location: 28, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (E)	853	-	524930 213311

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Contemporary Trade Directory Entries Name: Brownfields Coachwork Accident Repairs Location: 28, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (E)	853	-	524930 213311
150	Contemporary Trade Directory Entries Name: City Motor Co Location: 28, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (E)	853	-	524930 213311
150	Contemporary Trade Directory Entries Name: Broomfields Location: 28, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (E)	853	-	524930 213311
151	Contemporary Trade Directory Entries Name: Grange Land Rover Location: 73, Bridge Road East, Welwyn Garden City, AL7 1UT Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	808	-	524771 212824
151	Contemporary Trade Directory Entries Name: Lancaster Land Rovers Location: 73, Bridge Road East, Welwyn Garden City, Hertfordshire, AL7 1UT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	809	-	524771 212824
152	Contemporary Trade Directory Entries Name: Vortech Food Machinery Ltd Location: 2, Blenheim Court, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AD Classification: Machine Tools - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	811	-	524864 213186
152	Contemporary Trade Directory Entries Name: Binding Store Location: 3, Blenheim Court, Brownfields, Welwyn Garden City, AL7 1AD Classification: Printing Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	817	-	524868 213178
152	Contemporary Trade Directory Entries Name: Linard Ltd Location: Unit 5, 57-63, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	827	-	524870 213141
152	Contemporary Trade Directory Entries Name: Gilbertson & Page Ltd Location: 45-55, Brownfields, Welwyn Garden City, Hertfordshire, AL7 1AN Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	858	-	524896 213109
153	Contemporary Trade Directory Entries Name: Dansi Express Deliveries Ltd Location: 43, Lodgefield, Welwyn Garden City, Hertfordshire, AL7 1SD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	817	-	524426 214155
154	Contemporary Trade Directory Entries Name: R N H Engineers Location: 16, Creswick Court, Welwyn Garden City, Hertfordshire, AL7 3SX Classification: Engine Rebuilding & Reconditioning Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	818	-	523945 212211
155	Contemporary Trade Directory Entries Name: B I Electronics Ltd Location: 82, Bridge Road East, WELWYN GARDEN CITY, Hertfordshire, AL7 1JY Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	841	-	524767 212713