

**Phase 1 Contamination Desk Study Report**  
**9 Harper's Lane, Presteigne, LD8 2AN**  
**Mr Alex Dufort**



Environmental Management Solutions –EMS Geotech

Report Number: E23890-DS

Revision: 0

Date: 7<sup>th</sup> September 2021

Status: Draft



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Mr Alex Dufort

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### Contents Amendment Record

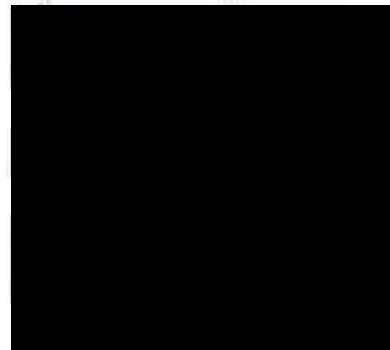
This report has been issued and amended as follows:

Revision	Description	Date	Report Reference
0	Draft	07/09/2021	E23890-DS

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Rev: 0 Date 7<sup>th</sup> September 2021

E23890 –9 Harper's Lane, Presteigne, LD8 2AN

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## SUMMARY REPORT

SUBJECT	COMMENTS
<b>CURRENT USE &amp; DESCRIPTION</b>	<p>Roughly rectangular in plan, the site is relatively flat, orientated northwest to southeast and covers approximately 0.07 hectares. Dominating the northwest third of the site is a two-storey, red brick former Police station. The remaining external two-thirds is a grass covered rear garden.</p> <p>Brick and stone walls, hedgerows and wood panel fencing delineate the site with a gated access on the southeast boundary. Harpers Lane and Back Lane bound the northwest, northeast and southeast site boundaries. Private houses and a hotel are situated beyond Harper's Lane to the northwest. The former Kaye Presteigne Ltd works complex is situated beyond the lanes to the north- and south-east. A fire station and private house are situated beyond the southwest site boundary.</p>
<b>PROPOSED USE</b>	It is proposed to keep the former police station building as office space and a flat and to construct a two-storey artist's studio in the southern part of the existing garden.
<b>HISTORICAL SUMMARY</b>	<p>The existing former Police Station building, and rear garden have been present on site since 1888, with a well located centrally since around 1890. The Police station was converted to an artist's studio, offices and a flat around 1990.</p> <p>A building to the northeast of the site was used as an electrical works (1920 to 1930), produced die castings and munitions (1941 to 1946), and manufactured die castings for the motor industry from 1946 to 2011. From the 1970s it was expanded into a foundry and engineering works. After the works closed in 2011 the site became disused and on-site buildings demolished in 2013.</p>
<b>PUBLISHED GEOLOGY</b>	It is anticipated that the site is underlain with superficial Till (Diamicton) deposits. The underlying bedrock is mudstone strata belonging to the Wenlock Rocks (Undifferentiated).
<b>COAL MINING AND MINERAL EXTRACTION</b>	The site is not situated within an area of coal mining or mineral extraction.
<b>GROUND STABILITY</b>	The site is unlikely to be affected by ground instability hazards.
<b>RADON GAS</b>	The site is not within an area where radon protection measures required in new dwellings.

<b>HYDROGEOLOGY</b>	<p>The underlying superficial Till (Diamicton) has been classed Secondary (Undifferentiated).</p> <p>The underlying Wenlock Rocks bedrock is designated a Secondary B Aquifer.</p> <p>The site is not located within a groundwater Source Protection Zone.</p> <p>Groundwater is anticipated to occur at depth at or close to the boundary between the bedrock and superficial deposits. Perched groundwater is anticipated within granular horizons associated with the Till (Diamicton).</p>
<b>HYDROLOGY</b>	<p>The closest water feature is a tributary to the River Lugg that flows north-eastwards and is located 72m towards the east.</p> <p>The site is not in an area indicated to be at risk from fluvial flooding but may be impacted by groundwater flooding.</p>
<b>PREVIOUS GROUND REPORTS</b>	<p>EMS is not aware of any formal ground investigations having been conducted at the site.</p> <p>A Phase 1: Preliminary Risk Assessment has been undertaken previously, by third-parties, which should be read in conjunction with this report and is referenced as:</p> <ul style="list-style-type: none"> <li>• 'Phase 1: Preliminary Risk Assessment, 9 Harper's Lane, Presteigne LD8 2AN', dated 21st April 2021.</li> </ul>

**PRELIMINARY CONTAMINATION RISK ASSESSMENT**

This desk study has revealed a potentially low to Moderate risk to human health from potentially contaminated Made Ground on-site. The posed risk towards controlled waters and buildings or buried structures is low to very low, respectively.

With respect to the former Kaye Presteigne Ltd works to the northeast and southeast the posed risk from contaminated soils impacting human health onsite is low. The potential contaminated Made Ground to pose a risk to controlled waters and buildings or structures associated with the proposed development is very low.

However, a potentially moderate to low risk from ground gas and vapours, towa development site and human health, has been identified from Made Ground and potentially leaked hydrocarbon sources associated with the former Kaye Presteigne Ltd works. Ground gas and vapours are likely to pose a low risk to buildings and buried structures associated with the proposed development.

**PRELIMINARY GEOTECHNICAL CONSIDERATIONS**

Potential geotechnical constraints associated with the site include an unknown Made Ground depth, volume change potential associated with clay rich soils, soil type variations over small distances and aggressive ground conditions that can deepen and complicate foundation design.

**RECOMMENDATIONS**

<b>Phase 2 Contamination Assessment</b>	It is recommended to undertake Phase 2 Intrusive investigation works in the order to assess the presence, nature and contamination potential for this site.
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<b>Geotechnical Ground Investigation</b>	As part of any future intrusive works, it is recommended that geotechnical testing of on-site soils is undertaken to characterise the underlying ground conditions and to aid with foundation design.
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It is recommended that this Phase 1 Desk Study report along with a proposed scope intrusive Phase 2 investigation works is passed to the Local Authority Environmental Health Department for comment as soon as possible.





# 1. Introduction

## 1.1 General

Environmental Management Solutions Limited (EMS) have been commissioned to undertake a Phase 1 Contamination Desk Study for a site located at 9 Harper's Lane, Presteigne, LD8 2AN. Hereafter, referred to as 'the site'. The works have been commissioned directly by the Client.

It is understood that the site is currently used for residential and commercial purposes and the client intends to extend the site's commercial use.

The purpose of this Phase 1 Contamination Assessment desk study is to assess the likely contamination constraints associated with the proposed development in order to meet with planning conditions.

A previous preliminary risk assessment has been undertaken, by third parties, for the site and was made available to EMS by the client at the start of these works. This Phase 1 desk study includes pertinent information from the risk assessment, which is referenced as:

- 'Phase 1: Preliminary Risk Assessment, 9 Harper's Lane, Presteigne LD8 2AN', dated 21st April 2021.

## 1.2 Scope of Works

The agreed work scope for this Phase 1 Desk Study was:

- Reviewing third-party information and purchasing a Landmark Envirocheck report and historical Ordnance Survey Maps.
- Interpreting the historical, geological, hydrogeological, hydrological and environmental site setting.
- A suitably experienced Geo-Environmental Engineer to undertake a site walkover involving inspecting the site and surrounding area for indications of contamination and other ground related issues.
- Providing information relating to past and current site uses and those from the surrounding area and the nature of any related hazards and physical constraints.
- Identifying current and likely future receptors, potential contamination sources and likely pathways, and features of immediate concern, including those that could be introduced in future.
- Producing a preliminary conceptual model for the site along with a preliminary contamination risk assessment in accordance with the Environment Agency and Department for Environment Food and Rural Affairs (DEFRA) document 'Model



Procedures for the Management of Land Contamination' Contaminated Land Report (CLR) 11, dated 2004.

This report represents the findings of the first stage of the site investigation process for the works commissioned by the Client. Recommendations for follow-on Phase 2 intrusive investigation works where required are provided within this report. The findings of any Phase 2 investigation works will be reported separately.

### **1.3 Management Limitations**

- This report has been prepared under the express instructions and solely for the use of the Client and the Client's agents in performance of EMS's duties under its contract with the Client. Should the Client wish to release this report to a Third Party for that party's reliance, EMS agree to such release provided that EMS assumes no duties, liabilities or obligations to the Third Party, that the Third Party does not acquire any rights whatsoever against EMS, and EMS accepts no responsibility for any loss incurred by the Client through the Client's release of the report to the Third Party.
- Copyright of this report is held by EMS.
- The findings of this report represent the professional opinion of experienced contaminated land consultants. EMS relied on the accuracy of Third Party documentary information contained in the consulted and is in no circumstances responsible for the accuracy of such information or data supplied. When considering this report due regard should be given to the terms and conditions of EMS's contract with the Client under which the report was prepared.
- EMS does not provide legal advice and the advice of legal professionals may also be required. All advice, opinions or recommendations within this report should be read and relied upon only in the context of the report as a whole. The advice within the report is based upon the information made available to EMS within the financial and timeframe constraints imposed.
- All work carried out in preparing this report has utilised and is based upon EMS's current professional knowledge and understanding of current relevant UK standards and codes, technology and legislation. Changes in this legislation and guidance may occur at any time in the future and cause any conclusions to become inappropriate or incorrect. EMS does not accept responsibility for advising the Client or other interested parties of the facts or implications of any such changes.
- The report is limited to the site boundaries identified by the Client and confirmed within this report. All boundary lines depicted on plans included within this report are approximate only and do not imply legal land ownership.
- The extent of the investigation was designed in-line with the Client's budget, which is considered suitable, and not limiting, for the proposed development.

- The recommendations, interpretations and conclusions within this report are based solely on desk study information and a site walkover. This report represents the conditions and findings on the date of desk study. Over time, site conditions may alter.
- All observations relating to tree species, asbestos containing materials within structures or invasive weeds, such as Japanese Knotweed, does not constitute a formal survey of such features. The identification of such features is therefore tentative only. The report does not consider whether sensitive ecology or archaeology is present as these require consideration by professionals specialising in these matters. It should be recognised that the collection of desk study information may not be exhaustive and that other information pertinent to the site may be available.
- This report is restricted to a contamination assessment only and does not include any form of geotechnical advice. Although this investigation is concerned solely with addressing the potential contamination risks on the site, there will also be a requirement to undertake a geotechnical assessment with regards to the proposed development.
- It is emphasised that a desk study and walkover can only indicate the potential for risks relating to on-site contamination, certain types of ground conditions and geotechnical hazards. This study aims to highlight potential pollutant linkages and / or ground related risks in line with current guidance.
- Only through undertaking intrusive investigation works can the plausibility of pollution linkages and other ground related risks be proven. The scope of this investigation excludes a formal slope stability study and any observations made regarding slopes are for information only.
- Following final issue of this report, EMS has no further obligation to advise the Client on any matters such as changes in legislation or codes of practice that may affect the advice contained within the report.



## 2. Land Use and Setting

### 2.1 Site Location

The site is situated approximately 200m from the center off and on the eastern outskirts of the town of Presteigne at 9 Harper's Lane, Presteigne, LD8 2AN.

The National Grid Reference (NGR) for the site is E: 331560, N: 264400.

A Site Location Plan is included in Appendix A.

### 2.2 Site Description

Roughly rectangular in plan, the site is relatively flat, orientated northwest to southeast and covers approximately 0.07 hectares. Dominating the northwest third of the site is a two-storey, red brick building that is understood to have historically acted as a police station and currently houses an artist's studio, office and flat used by Brixton Pottery Limited. The remaining external two-thirds of the site is grassy lawn and rear garden that is currently unused.

The wall to the existing building delineates the site along its northwest boundary and wood panel fencing, stone wall and hedgerow is situated along northeast boundary. Harper's Lane bounds the site beyond the northwest and northeast boundaries. A five-bar gate, forming an access to the rear garden, stone wall and hedgerow delineates the southeast boundary with Back Lane beyond and bounding it. Hedgerow on top, an earth bund and brick wall delineates the southwest boundary.

Beyond Harper's Lane to the north are residential properties and a hotel (Judge's Lodging) with associated garden space. To the east of Harper's Lane and south of Back Lane are floor slabs and concrete/asphalt hardstanding associated with cleared historical industrial units. A private house and garden and Presteigne Fire Station bound the site to the west, beyond which are more houses.

The site is situated on elevated ground at approximately 150m Above Ordnance Datum (mAOD) on the southwestern edge of the River Lugg Valley. The ground slopes very gently towards the north and east and the River Lugg at approximately 145m AOD. To the west the ground initially rises very gently before rising rapidly to 316m AOD at the summit of Harley's Hill.

A plan showing the existing site layout is included in Appendix A.

### 2.3 Site Walkover

An EMS Geo-Environmental Engineer undertook a site walkover on 3<sup>rd</sup> August 2021. During the walkover the following observations were made:

- Two wooden lean-tos with concrete slab floors were attached to the existing property rear that contained timber and stone for sculpting purposes.

- The rear lawn area also included some block paving and asphalt hardstanding and was overgrown with long grass.
- An old well was situated towards the centre of the site, estimated to be around 2.50m to 3.00m deep, and covered with slate. The well is a brick built bottle shaped structure, approximately 2.00m in diameter, and fills to approximately 0.60m below ground surface in the winter.
- Small piles of brick, breeze blocks and gravel and an old hot water tank were observed along the western site periphery.
- An old wooden shed, a disused chicken coop, was located within the southwest site corner.
- No evidence for significant contamination or contaminant sources was identified during the walkover.

Photographs of the site and surrounding area taken during the walkover are included in Appendix B.

## 2.4 Site History

Copies of the historical Ordnance Survey OS Maps contained within the Envirocheck Report, reference 283226531\_1\_1, are included in Appendix C. The maps have been used to determine the historical use of the site and surrounding area, which is summarized in the following table:

MAPPED HISTORY		
DATE RANGE	ON-SITE	SURROUNDING AREA
1888 to 1963	The existing former Police Station building dominated the northwest part of the site from the earliest maps onwards. It was identified as a Police Station on maps dated 1903 onwards.	Harper's Lane (identified as Harper Street) and Back Lane bounded the site to the northwest, northeast and southwest, respectively. Beyond to the northwest were existing houses and the Hotel, identified as the Shire Hall with private houses and gardens beyond. Immediately to the northeast was an unidentified L-shaped building with fields beyond. Open land and orchards bounded the site to the south and west.  An existing house to the southwest of the Police Station and identified as 'Police House' is shown on maps dated 1963 onwards.

MAPPED HISTORY		
DATE RANGE	ON-SITE	SURROUNDING AREA
1975 to 2021		<p>Properties to the north were identified as Oak Villes, God House and Clarence House.</p> <p>The unidentified L-shaped building to the northeast had been expanded into a much larger unit, identified as a foundry. This structure was no longer shown on the most recent map dated 2021.</p> <p>An engineering works and electricity sub-station (10m southeast) and tanks (60m southeast) were shown to the south and southeast. These structures were no longer shown on the most recent map dated 2021.</p> <p>The existing Police House and Fire Station were shown immediately to the west.</p> <p>Beyond to the north, south and west were various residences and commercial properties forming Presteigne. Further east were open fields.</p>

Historical information contained within the preliminary risk assessment report indicates that the police station was converted into the existing artist's studio during the 1990s and the on-site well dates to the 1890s.

The report indicates that between 1790 and 1920 the areas northeast, which included the L-shaped building identified on historical maps, and southeast of the site was generally covered with dwelling houses, gardens and orchard. The report appendix refers to 'the stone building in Ave Maria Lane' (between Godwin House and Clarence House), possibly the L-shaped building, which between 1920 and 1930 housed an electricity generation works (Presteigne Electric Company). The building remained empty between 1930 and 1940 before acting as a 'shadow factory' for C. Hill & Co of Birmingham producing die castings and munitions for the for effort between 1941 and 1946. After 1946, the was used to manufacture die castings for the motor industry and expended considerably, to the foundry building and engineering works identified on historical maps, before closing in 2011. The former foundry and engineering works complex covering approximately 1.5 hectares. From 2013 onwards the former foundry and engineering works became a disused brownfield site.

Anecdotal information from online sources indicates that the former foundry and engineering works were formerly owned by J L French, who went into administration in 2006, before being



operated by Kaye Presteigne Ltd. The company went into administration in 2010 and 2011, the site closed in 2011. The foundry had been present since the 1940s manufacturing parts for car engines, steering and braking mechanisms. Kaye Presteigne Ltd were manufacturers of non-ferrous, high pressure and gravity die castings.

The earliest Google Earth images, dated December 1999 to 2009, shows the site as it currently appears and dominated by the police station building in its northwest third. Images dated December 2006 to September 2018 show two containers located partway along the northeast boundary within the rear garden area. The existing houses were shown to the north and the former foundry and engineering works to the northeast and southeast. To the west, the existing police house and fire station were shown.

On images dated from July 2013 onwards, the buildings and structures associated with the former foundry and engineering workshop had been demolished and these areas cleared with only the old floor slabs and concrete / asphalt hardstanding remaining.

## 2.5 Proposed Development

It is proposed to keep the former police station building as office space and a flat and to construct a two-storey artist's studio in the southern part of the existing garden.

A proposed development drawing is included in Appendix A.

## 2.6 Geology

The site is located on elevated ground that slopes very gently towards the northwest.

No British Geological Survey (BGS) map sheet is available for this area. However, the BGS GeoIndex ([www.mapapps2.bgs.ac.uk](http://www.mapapps2.bgs.ac.uk)), shows the site to be underlain with superficial Till, Devensian – Diamicton. These deposits are generally unsorted, unstratified and overconsolidated and were deposited either directly by or beneath a glacier without subsequent reworking by water towards the end of the last (Devensian) Ice Age. The BGS Lexicon generally describes these deposits as 'a heterogeneous mixture of clay, sand, gravel, and boulders varying widely in size and shape'.

Approximately 200m north of the site is a broad ribbon of Alluvial Deposits associated with the River Lugg. The BGS Lexicon generally describes these deposits as 'normally soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel'.

The underlying bedrock is identified as Wenlock Rocks (Undifferentiated) that are Silurian in age and generally described as 'argillaceous, or mudstone, rock'.

Whether Made Ground is present on-site is not shown from the geological information. However, given the site history isolated sporadic patches would be expected.

Two historic BGS borehole records are situated approximately 460m and 540m southeast of the site. The records show a Made Ground or overburden cover to between 0.50m and 3.00m depth overlying interbedded clay rich and granular soils to between approximately 15m and 26m depth. Described as brown clay with gravels, sand with gravels, sand and large pebbles and gravel, these deposits are believed to correspond with the superficial Till, Diamicton.



Bedrock was encountered underlying these deposits that was generally described as stable grey clay and medium grey shale, which was also recovered as gravel, and is interpreted as the underlying Wenlock Rocks (Undifferentiated).

One borehole entry recorded groundwater at 3.00m depth within a sandy layer, which is anticipated to be perched. Groundwater was recorded at between approximately 21m and 26m depth at or close to the boundary between the overlying superficial deposits and the underlying clay rich and competent bedrock.

No faults or other major geological structures are recorded either on-site or within 250m of the site.

## 2.7 Hydrogeology

Information summarizing the hydrogeological, hydrological and environmental site setting is contained within the Envirocheck Report, reference 283226531\_1\_1, included in Appendix D.

The site is situated on the south-western edge of the River Lugg Valley and elevated at approximately 150m AOD with the ground generally sloping from west towards the north and east. Published and historical topographical and geological information indicates that groundwater is likely to occur at depth, at or close to the boundary between the overlying Till, Diamicton and the underlying bedrock. Groundwater is anticipated to flow towards the east and be in hydraulic continuity with the River Lugg. Perched groundwater is also anticipated at shallower depths associated with interbedded granular layers within the superficial Till deposits.

For the Presteigne area, no aquifer designation is given for superficial deposits. However, the BGS GeoIndex provides aquifer designations for the same deposits as those beneath or close to the site for adjacent areas. For Alluvial Deposits equivalent to those shown to the north of the site, Natural Resources Wales have classed these deposits as a Secondary A Aquifer. Superficial Deposits equivalent to the Till Diamicton, underlying the site, have been classed as a Secondary (Undifferentiated) Aquifer.

The underlying Wenlock Rocks (Undifferentiated) have been classed as a Secondary B Aquifer.

The site is not located within a groundwater Source Protection Zone.

There are four entries recorded for licensed groundwater abstractions within 250m of the site. Two entries are for Kaye Presteigne and two for J L French situated 48m southeast and 49m northeast of the site. All four entries are for groundwater abstraction from a borehole for Metal: General Use Relating To Secondary Category (Medium Loss). No permit end date is supplied.

No entries are given for the existing well on-site that was identified during the walkover. However, the well is understood to be not in use. It is anticipated that the reported groundwater levels, at 0.60m below the surface, identified in the well during the winter months corresponds with perched water associated with granular layers within the underlying superficial deposits.

No groundwater vulnerability information is provided for the superficial deposits in the Presteigne area. However, the BGS Lexicon identifies the underlying superficial Till, Diamicton



as a high vulnerability secondary aquifer. The underlying Wenlock Rocks (Undifferentiated) bedrock is also identified as a high vulnerability secondary aquifer.

## **2.8 Hydrology**

The site is situated on the south-western edge to the River Lugg Valley with the ground sloping towards the north and east. Approximately two-thirds of the site is covered with grassy lawn and an existing building dominates the north-western third. Therefore, surface water is anticipated to predominantly percolate directly into the ground with some draining into local drainage networks.

The nearest surface water feature to the site is given as 72m towards the east. The entry coincides with a small stream acting as a tributary to the River Lugg that flows north-eastwards. The River Lugg is located approximately 215m northeast of the site and flows towards the east.

There are 13 No. entries recorded for licensed discharge consents within 250m of the site. The nearest entry is located 5m west and associated with Brockhouse Kaye (Prestegne) for discharging trade effluent. The receiving water is given as Un-Named Trib Of River Lugg and the status as Consent Expired. The remaining records cover ten entries located 206m and two entries 248m to the northeast for Dwr Cymru Cyfyngedig to discharge Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company to Freshwater Stream/River. The status is given as either Effective or New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995).

No licensed surface water abstractions are given for the site or within 250m.

The Natural Resources Wales Flood Risk Map ([www.maps.cyfoethnaturiolcymru.gov.uk](http://www.maps.cyfoethnaturiolcymru.gov.uk)), indicates that the site is not located within an area designated as being at risk from fluvial flooding. However, there is potential for groundwater flooding of properties situated below ground level or at surface.

## **2.9 Mining and Mineral Extraction**

The site is not located within an area expected to be at risk from coal mining and there are no records given for mineral extraction activities within 250m.

## **2.10 Ground Stability**

The potential risk for the site to be impacted by compressible ground or ground dissolution is recorded as no hazard. For collapsible ground, landslides, shrinking or swelling clays and running sands the risk is recorded as very low.

## **2.11 Radon**

The site is situated within a lower probability radon area (where less than 1% of homes are estimated to be at or above the action Level). Therefore, no radon protection measures are required in the construction of new dwellings or extensions.

## 2.12 Soil Geochemistry

The site is situated within an area where elevated natural background concentration of metals has been recorded for chromium (60 –90 mg/kg) and nickel (15 –30 mg/kg).

## 2.13 Landfills and Infilled Land

No records for historic landfills, licensed land fill sites waste treatment and management facilities, or waste transfer sites are given for the site or within 250m.

No entries for potentially infilled land are recorded for the site or within 250m.

## 2.14 Contemporary Trade Directories and Fuel Sites

There are five recorded contemporary trade directory entries within 250m of the site, of which a single one is identified as being active and four as inactive.

The single active entry is for Artisan Print –Printers, located 110m to the southwest.

The four inactive entries are for K Presteigne –Die Casting Equipment & Services, 47m S, Kaye Presteigne Ltd - Tungsten Tool Manufacturers & Distributors, 50m N, W R Crowe & Son –Printers, 131m W, and G J Bennett - Electrical Goods Sales, Manufacturers & Wholesalers, 200m W.

There are no recorded fuel station entries within 250m of the site.

Information obtained from Powys Council indicates that during their daily operations, Kaye Presteigne Ltd, handled and stored various chemical substances that could act as potential contaminant sources. Chemical substances used daily included Ethylene Glycol, Cosmolubric EP150, Glycol, Isolubric, Caustic Soda, oils, waste oils, paints, and solvents for maintenance purposes. Potential contaminant sources included several above ground storage tanks (ASTs) for waste and fuel oil, water and diesel within the northeast, central, southwest and western parts of the works facility. Underground waste oil tanks and sumps. Basements and chambers potentially storing chemical substances. Storage areas for waste, oils, paints, solvents and other chemicals. Electricity substations, located approximately 10m south of the site and a source of Polychlorinated Biphenyls (PCBs). Made Ground would be expected to be present beneath the concrete / asphalt hardstanding, the origins of which are unknown. This can act as a source of heavy metals, non-metallic compounds and asbestos. Information provided by Powys Council indicates that there is potential for hydrocarbon and chlorinated solvent impacted soils and groundwater to be present beneath the former works facility.

Potentially, such sources may have been subjected to leaks and spills certainly on a small and localised scale and potentially on a larger scale. Where cracked or broken hardstanding occurs, or underground structures have leaked, there is potential for contaminants associated with the historical works to impact underlying soils and groundwater. Existing hardstanding currently covering the former works site is likely to inhibit potentially contaminated soils from becoming airborne in dust.

## 2.15 Registered Hazardous Sites

There are no entries for registered hazardous sites recorded either on-site or within 250m of the site.

## 2.16 Pollution Incidents to Controlled Waters

There are ten entries for pollution incidents to controlled waters recorded within 250m of the site. The nearest entry is located approximately 26m east and associated with a Chemical-Other Inorganic discharge. No receiving water is given, and the entry is classified as Category 2 - Significant Incident. However, given that no surface water courses are present on-site or adjacent to the site boundary, it is considered that the entries listed do not pose a risk to the proposed development.

## 2.17 Ecologically Sensitive Land Uses

The site is located within an Environmentally sensitive area, identified as Radnor (decommissioned) and the two entries for the River Lugg as a Site of Special Scientific Interest are recorded 203m and 205m to the north.

## 2.18 Unexploded Ordnance

According to the ZeticaUXO website ([www.zeticauxo.com](http://www.zeticauxo.com)), the site is located within an area indicated to be at low risk (15 bombs per 1000 acres or less) from unexploded ordnance.

## 2.19 Previous Investigations

EMS is not aware of any formal previous ground investigation works having been undertaken at the site.

However, contained within the preliminary risk assessment is reference to the soils within the garden area being inspected. The findings are included within the preliminary risk assessment, which should be read in conjunction with this report and is referenced as:

- 'Phase 1: Preliminary Risk Assessment, 9 Harper's Lane, Presteigne LD8 2AN', dated 21st April 2021.

The inspection was undertaken on 8<sup>th</sup> April 2021 and included four hand dug and augered pits.

The first pit was undertaken with a levelled area of the garden. The soils encountered were described as 'highly compact and stony sandy clay loam' that included brick to 0.30m depth.

A second pit was conducted in the southeast corner of the garden area. Encountered soils were generally described as 'dark, friable, well drained loam with fine roots and traces of brick' to 0.15m depth overlying 'dense clay loam, some mottling, some stones' to 0.20m depth.

The third pit was undertaken within the southwest corner of the garden. The soils encountered included 'dark, very stony loam with fine roots' to 0.30m depth overlying soils described as 'clay loam with few stones, some mottling', to 0.60m depth. These soils also contained ceramic fragments.



The fourth pit was undertaken on the soil bund along the south-western boundary. Encountered soils were described as 'dark sandy clay loam, friable, many roots', to 0.50m depth, overlying 'clay loam' to 0.90m depth. The soil bund was noted to be 0.25m higher than the ground level within the fire station compound to the southwest.

No indication was given as to whether groundwater was encountered within the inspection pits.

The soil inspection concluded that the soils within the garden area had been significantly altered and excavated over time with Made Ground being introduced to build up ground levels. The report indicated that there was no evidence of vegetation die-back, although the inspection was conducted outside the growing season. No evidence of visual asbestos containing materials (ACMs), buried services or structures and no traces of coal ash or clinker were recorded in the inspection pits.

No location plan or logs for the inspection pits is provided in the report and no chemical analysis was undertaken on the soils encountered.

The report indicates that water from the well, located within the garden area, was sampled on 23<sup>rd</sup> February 2021 and sent for chemical analysis. The results returned were reportedly 'satisfactory' with only traces of E. coli being recorded.

A copy of the laboratory chemical results for the water sample analyzed are included in Appendix E.

### 3. Preliminary Contamination Risk Assessment

The methodology for undertaking the contamination risk assessment is included within the supplementary information at the back of this report.

#### 3.1 Potential Contamination Sources

##### 3.1.1 Invalid Sources

The site was historically used as a Police Station and was fuelled using coal and would have stored motor vehicles and fuel and oils on-site for maintenance purposes. Stored fuels and oils would have been in small quantities and associated leaks and spills small scale and localised. No evidence of coal ash disposal on-site was recorded during the soil inspections. Therefore, it is considered that the site's historical use as a Police Station does not pose a significant risk to the proposed development.

##### 3.1.2 On-site Sources

The on-site soil inspection undertaken as part of the preliminary risk assessment encountered clay rich soils that included ceramic and brick and are identifiable as Made Ground. The report also indicates that the soils within the garden area have been altered, excavated and raised over time. It is not clear whether the Made Ground occurs sitewide or in sporadic locations and the source is unknown. Potentially Made Ground can act as a source of heavy metals, non-metallic compounds, hydrocarbons and asbestos. Whilst the soil inspection did not identify visual ACMs, no chemical soils analysis was undertaken to identify whether asbestos in soils or other contaminants in the Made Ground were present.

##### 3.1.3 Off-site Sources

Immediately to the northeast and southeast is the former Kaye Presteigne Ltd engineering works that has also historically operated as a foundry, electricity generation works and munitions factory. Numerous potentially contaminative substances and sources were used and stored during the daily running and operations of this facility, which are likely to have been subjected to leaks and spills on a small and potentially large scale. Made Ground is also likely to be present beneath the existing hardstanding that is all that remains of the former works. Potential chemicals of concern from works historical use include heavy metals, including Aluminium, non-metallic compounds, Ethylene Glycol, Cosmolubric EP150, Glycol, Isolubric, Caustic Soda, hydrocarbons (oils, waste oils, paints, and solvents), PCBs and asbestos. Cracked or broken hardstanding and leaks from below ground structures would potentially allow contaminants associated with the works to impact on shallow subsoils and groundwater (or perched groundwater).

Existing hardstanding is likely to prevent contaminated on-site soils becoming airborne as wind blown dust. The former Kaye Presteigne Ltd works are situated down topographic gradient of the site.

### **3.1.4 Ground Gas**

There is potential for Made Ground, of unknown source and thickness, to be present beneath the former Kaye Presteigne Ltd complex to the northeast and southeast. Made Ground can potentially include putrescible materials, such as wood, rags, paper and vegetation that can act as a ground gas (methane and carbon dioxide) source. However, the CIRIA C665 guidance indicates that the proportion of carbon rich materials in Made Ground is typically low. Therefore, methane concentrations are likely to be low and carbon dioxide concentrations elevated. Ground gas generation rates in Made Ground are also typically low, resulting in small but sustain gas volumes. Made Ground carbon content, gas generation rates, driving force and carbon dioxide being denser than air will strongly influence how much ground gas is likely to migrate from the site.

Hydrocarbons were used and stored during the works' daily operations and waste collected in below ground sumps. There is potential for hydrocarbons to be present in shallow soils either from migrating vertically through broken or cracked concrete from leaks, spills or storage areas or from leaking below ground structures. Hydrocarbons in the ground can released vapours that at high enough concentrations can pose a flammability or explosive hazard and are generally associated with a strong odour.

Ground gases typically require a pressure differential to act as a driving force to enable them to be driven through the ground. Hydrocarbon vapours diffuse along concentration gradients or flow in dissolved form in liquids. Atmospheric pressure, rainfall and frozen ground, wind and ground conditions such as vegetation cover, soil type, groundwater and anthropomorphic influences (shafts, service runs, drains, foundations and piles), will all influence ground gas and vapour migration through the ground. The underlying ground conditions are anticipated to comprise superficial clay rich soils with interbedded granular layers, which it is anticipated contain perched groundwater. Clay rich soils and (perched) groundwater will generally inhibit ground gas and vapour migration through the ground.

Where ground gas and vapour migration does occur, they can potentially ingress into buildings and enclosed structures through cracks and gaps in solid or suspended floors, joints formed during the construction process, fractures in sub-surface walls and via service pipes, ducts and wall cavities. Within poorly ventilated and enclosed structures ground gas and vapours can accumulate, over time, to levels where they pose either a human health risk or potentially an explosive risk.

## **3.2 Potential Receptors**

The site is currently used for a mix of commercial and residential purposes. The proposed development will involve expanding the site for commercial purposes. However, given that there is a flat on-site a residential land use category has been chosen as the most sensitive land use for this assessment.

### **3.2.1 Human Health**

The most significant potential receptors with respect to human health are considered likely to be site end-users and construction workers.

Good hygiene practices, wearing appropriate PPE, training and physical barriers will help to lower the risk posed to construction workers during the site development.

### **3.2.2 Controlled Waters**

The underlying superficial Till Diamicton has been classed as a Secondary (Undifferentiated) Aquifer and the Wenlock Rocks (Undifferentiated) bedrock as a Secondary B Aquifer with high vulnerability. Groundwater is anticipated to occur at depth (at around 15m to 21m) and at or close to the boundary between the Till and the bedrock. Shallower perched groundwater is expected to occur within granular layers associated with the superficial Till Deposits.

The nearest surface water feature to the site is a tributary flowing into the River Lugg and situated approximately 72m towards the east. The site is not located within an area considered to be at risk from flooding. Given this and the watercourse's distance and location it is not considered to represent a significant receptor to on-site contaminated soils.

### **3.2.3 Buildings, Buried Structures and Services**

Future on-site developments will include buried foundations and services, which would be susceptible to on-site contamination and ground gas.

## **3.3 Potential Pathways**

The most significant potential pathways considered likely to transfer chemicals from contaminant sources to receptors are:

- Ingestion, inhalation, or direct contact with contaminated soils and dust on or off-site.
- Vertical contaminant leaching to groundwater.
- Ground gas / vapour migration, ingress and accumulation through buried structures / services, voids and defects into buildings and enclosed spaces.

## **3.4 Preliminary Conceptual Site Model**

The pollutant linkages are best presented in a diagrammatic form and therefore a preliminary conceptual site model plan is presented in Appendix A. The individual pollution linkages as numbered on the preliminary conceptual site model plan are described further in section 3.5.

The preliminary conceptual model has been developed based solely on desk-based research and assessment. The only way to conclusively determine the presence or absence of contamination is with intrusive site investigation.

## **3.5 Preliminary Contamination Risk Assessment**

The following table identifies the potential risks that exist to the receptors through each of the identified pollutant linkages in the preliminary conceptual site model. It should be noted that the numbers referred to for each of the pathways refers to the numbered pollutant linkages from the Preliminary Conceptual Site Model Plan, as presented in Appendix A.



Potential Sources and contaminants	Pathways (Reference from Model)	Receptors	Hazard Severity	Probability of Occurrence	Potential Risk
Made Ground (On-site) Heavy metals. Inorganic compounds. Polycyclic Aromatic Hydrocarbons (PAH).	Ingestion Inhalation Direct Contact (1)	Site end-users. and Construction Workers.	Human health effects. [Medium]	Contaminants potentially present at low concentrations or not in a form that would pose significant risk to human health. [Low Likelihood]	Moderate / Low.
Petroleum hydrocarbons (TPH). Asbestos in soils.	Vertical migration (2)	Perched Groundwater within granular superficial Till Deposits / Groundwater within the Wenlock Rocks bedrock.	Secondary (Undifferentiated) / Secondary B Aquifers [Mild]	Contaminants potentially present at low concentrations and contained within clay rich soils. [Low Likelihood]	Low.
	Direct Contact (3)	Buildings, Buried Structures and Services	Chemical attack of buried structures and tainted water supplies. [Minor]	Contaminants potentially present at low concentrations. [Low Likelihood]	Very Low.



Potential Sources and contaminants	Pathways (Reference from Model)	Receptors	Hazard Severity	Probability of Occurrence	Potential Risk
<p>Made Ground (Off-site), associated with the former Kaye Presteigne Ltd works:</p> <p>Heavy metals.</p> <p>Inorganic compounds.</p> <p>Polycyclic Aromatic Hydrocarbons (PAH).</p> <p>Petroleum hydrocarbons (TPH).</p> <p>PCBs.</p> <p>Acids / Alkalis.</p> <p>OCPs and OPPs</p> <p>Asbestos.</p>	<p>Ingestion</p> <p>Inhalation</p> <p>Direct Contact</p> <p>(4)</p>	<p>Site end-users.</p> <p>and</p> <p>Construction Workers.</p>	<p>Human health effects.</p> <p>[Medium]</p>	<p>Works are down topographic gradient of the site and potentially contaminated soils confined beneath existing hardstanding</p> <p>[Unlikely]</p>	<p>Low.</p>
	<p>Vertical migration</p> <p>(5)</p>	<p>Perched Groundwater within granular superficial Till Deposits / Groundwater within the Wenlock Rocks bedrock.</p>	<p>Secondary (Undifferentiated) / Secondary B Aquifers</p> <p>[Mild]</p>	<p>Works are down hydraulic gradient of the site.</p> <p>[Low Likelihood]</p>	<p>Very Low.</p>
	<p>Direct Contact</p> <p>(6)</p>	<p>Buildings, Buried Structures and Services</p>	<p>Chemical attack of buried structures and tainted water supplies.</p> <p>[Minor]</p>	<p>Works are down topographic and hydraulic gradient of the site.</p> <p>[Unlikely]</p>	<p>Very Low.</p>

Potential Sources and contaminants	Pathways (Reference from Model)	Receptors	Hazard Severity	Probability of Occurrence	Potential Risk
Ground gas and vapours (Off-site), associated with the former Kaye Presteigne Works:	Migration, ingress and accumulation. Inhalation. (7)	Site End-users.	Human Health Effects [Medium]	Low gassing potential for Made Ground. Hydrocarbons likely to have degraded over time. Underlying soils likely to be clay rich with interbedded granular layers filled with perched groundwater.	Moderate / Low.
Methane. Hydrocarbon Vapours.	Migration, ingress and accumulation. (8)	Buildings.	Risk of structural damage from explosions due to building up ground gas. [Mild]	[Low Likelihood]	Low.

### 3.6 Recommendations

This desk study has revealed a potentially low to Moderate risk to human health from potentially contaminated Made Ground on-site. The posed risk towards controlled waters and buildings or buried structures is low to very low, respectively.

With respect to the former Kaye Presteigne Ltd works, to the northeast and southeast, the posed risk from contaminated soils impacting human health on-site is low. The potential for contaminated Made Ground to pose a risk to controlled waters and buildings or buried structures associated with the proposed development is very low.

However, a potentially moderate to low risk from ground gas and vapours, towards the development site and human health, has been identified from Made Ground and potentially leaked hydrocarbon sources associated with the former Kaye Presteigne Ltd works. Ground gas and vapours are likely to pose a low risk to buildings and buried structures associated with the proposed development.

In the order to better assess the contamination potential for this site it is recommended that Phase 2 Intrusive investigation works are undertaken.

It is anticipated that Phase 2 investigation works employing shallow dynamic windowless sample boreholes and hand pits will be the most suitable way forward. Shallow boreholes will allow deeper soils to be investigated whilst obtaining samples for logging purposes and



laboratory analysis. Boreholes will also facilitate standpipe installation to enable groundwater and ground gas / vapour monitoring.

During the Phase 2 intrusive works it is recommended that geotechnical testing of on-site soils is undertaken in order to characterise the underlying ground conditions to aid with foundation design. Shallow boreholes will also facilitate in-situ measurements of soil strength using Standard penetration Tests (SPTs).

It is recommended that this Phase 1 Desk Study report along with a proposed scope for intrusive Phase 2 investigation works is passed to the Local Authority Environmental Health Department for comment as soon as possible.

## 4. Construction Considerations

### 4.1 Geotechnical Considerations

Anticipated ground conditions underlying the site could potentially pose geotechnical risks to the proposed development, including:

- Potentially the underlying ground conditions comprise Made Ground overlying clay rich and granular Till deposits.
- Due to its variable nature and poor bearing Made Ground is likely to drive foundations deeper and complicate design.
- Clay rich soils can potentially be subject to changes in volume change potential with fluctuating moisture content, particularly in the vicinity of existing or removed trees, which can complicate and deepen foundation design.
- Changes in soil type over short distances, i.e. clay rich to granular, will necessitate mesh reinforcement within foundations.
- Perched groundwater within granular layers can present construction difficulties for foundations.
- Aggressive ground conditions associated with the Made Ground and Till may be present that could affect foundation design and construction.

### 4.2 Unexpected Contamination Considerations

As with any construction site, if any anomalous or asbestos containing material is encountered during the redevelopment then expert environmental advice should be sought.



## References

- 'Phase 1: Preliminary Risk Assessment, 9 Harper's Lane, Presteigne LD8 2AN', dated 21st April 2021.



## **SUPPORTING INFORMATION**

This section provides background details of a generic nature together with specific technical approaches adopted by EMS and details of the guidance documents that are commonly referenced in the report. The section also includes explanations of technical terms to assist non-specialist readers in understanding the Technical Report. It should be noted that not all the information within this section is necessarily applicable to this specific report.

### **SITE CHARACTERISTICS**

*The site characteristics are collated from various information sources, including but not limited to Ordnance Survey, British Geological Survey (BGS), GOV.UK / DATA.GOV.UK websites and local authorities.*

*EMS generally commission the Landmark Information Group to produce an Envirocheck Report for study sites and where employed this is included in the Appendices. It should be noted that some of the data provided in the Envirocheck report is not considered within EMS interpretation for the site characteristics as it is not relevant, including:*

- *Nitrate Sensitive Zones and Nitrate Vulnerable Zones are ignored as these are only applicable to agricultural activities relating to the application of manure and fertilisers to land.*
- *River Quality is ignored as at this preliminary stage of risk assessment as all surface water bodies are considered equally sensitive to contamination risks.*

*In assessing site characteristics, EMS also consider the area within a surrounding 250m buffer zone extending from the site boundary.*

### **HISTORY**

#### *Mapped History*

*The site history summarises the changes in use or layout of the site over time and is largely developed from a study of available Ordnance Survey maps. It should be noted that changes to the site may have occurred between the editions of the maps employed to assess the history of the site. Historical information of relevance within the 250m surrounding the site is also discussed in a separate section. The historical plans referred to in the text are generally included in an Appendix.*

#### *Aerial photography*

*As a minimum, current and historical aerial images of the site and surrounding areas are studied from the Google Earth program. Where additional historic aerial photographs have been purchased then these are referenced within the technical report.*

#### *Internet Searches*

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*A simple search of the internet for relevant material relating to the use or history of the site is made. Information obtained from internet searches has been accepted as fact without validation by EMS except for ensuring the source is reputable. It should be recognised that due to programme and budgetary constraints the search conducted may not have revealed all the information available.*

## **GEOLOGY**

*The geology relating to the site is assessed using information contained within the Envirocheck report and / or reference to the relevant British Geological Survey (BGS) 1:50,000 scale sheet in Bedrock and Superficial (historically Solid and Drift) edition. Many of these geological maps are relatively old with superseded terminology and descriptions. EMS therefore employ the BGS Open Geoscience website to determine current nomenclature of strata and to assist in determining geological boundaries against current topographic features. EMS also employ BGS Regional Geology Guides to assist in understanding the geological context of the site.*

### Ground Stability Hazards

*Ground stability hazards caused by mining, ground dissolution, landslide potential, collapsible ground and natural cavities are identified by the Envirocheck database search of records held by The Coal Authority, British Geological Survey and studies completed by Ove Arup and Peter Brett Associates.*

*The Envirocheck database ground stability hazard entries for compressible ground, running sands and shrinking or swelling clays are not discussed directly. This is because these hazards are very common and are considered within the preliminary geotechnical assessment where necessary.*

### Radon

*Radon is a naturally occurring colourless and odourless gas that is radioactive. It is formed by the radioactive decay of radium which in turn is derived from the radioactive decay of uranium, both of which are minerals that can be found in many soil types. Whilst it is recognised that the air inside every house contains radon, some houses built in certain defined areas of the country might have unacceptably high concentrations and require special precautions to be taken during construction to reduce this risk.*

*Radon can move through cracks and fissures in the soil into the atmosphere or into dwellings via basements and/or underfloor voids. If radon enters the living space of dwellings its concentration can potentially increase and provide a risk to human health as the inhalation of the radioactive decay products of radon gas can increase the risk of developing lung cancer.*

*The maps contained within BRE211:2007 'Radon: guidance on protective measures for new buildings' identify areas where no radon protection measures are necessary or where higher concentrations are present that either basic or full radon protection measures are required to be fitted to all new dwellings. However, some local authorities have local bylaws, that EMS may not be aware of, that insist on radon protection to all new dwellings within their area regardless of the recommendations of the BRE211 Radon report.*



*Basic radon protection measures comprise incorporation of a continuous gas resistant membrane sealed at joints and around service entries into the floor construction and extended across the cavity tray.*

*Full radon protection measures comprise incorporating a continuous gas resistant membrane into the floor construction together with a ventilated sub-floor void through either the use of suspended floor construction or a 'radon sump'. The membranes sealed at joints and around service entries into the floor and extended across the cavity tray.*

*BRE211 should be referred to for detail on the construction of the protective measures.*

## **HYDROGEOLOGY**

### Aquifer Designations

*The Environment Agency's Groundwater Protection Policy uses designations that reflect the importance of aquifers in terms of groundwater as a drinking water resource, but also their role in supporting surface water flows and wetland ecosystems.*

*In defining groundwater vulnerability, both the superficial (drift) deposits and bedrock (solid) geology are considered separately with the following aquifer designations:*

- *Principal Aquifers: These are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.*
- *Secondary Aquifers: These include a wide range of rock layers or drift deposits with an equally wide range of water permeability and storage. Secondary aquifers are subdivided into two types:*
  - *Secondary A - permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.*
  - *Secondary B - predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering.*
- *Secondary Undifferentiated - has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.*
- *Unproductive Strata: These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.*

### Source Protection Zones

*The Environment Agency (EA) has defined Source Protection Zones for groundwater sources, such as boreholes and springs, that are used for public water supply. The EA uses the zones to target pollution prevention measures and monitor the activities of potential polluters within the affected area. There are three types Source Protection Zone:*



- Zone 1 (Inner Protection Zone) is the most sensitive area within which pollution could reach the borehole within 50 days. Alternatively it is defined by a minimum 50m radius around the borehole.
- Zone 2 (Outer Protection Zone) are defined by the area within which pollution could reach the borehole within 400 days or 25% of the total catchment area.
- Zone 3 (Total Catchment) are defined by the total area required to support the removal of water from the borehole.

## **HYDROLOGY**

### Flooding

The Environment Agency has zoned England and Wales in respect of the risk from flooding from 'highly unlikely' in Zone 1 to 'likely' in Zone 3. The zones ignore the presence of flood defences or certain other manmade structures and channel improvements.

National Planning Policy Framework, Department for Communities and Local Government, dated March 2012 states "A site-specific flood risk assessment is required for proposals of 1 hectare or greater in Flood Zone 1; all proposals for new development (including minor development and change of use) in Flood Zones 2 and 3, or in an area within Flood Zone 1 which has critical drainage problems (as notified to the local planning authority by the Environment Agency); and where proposed development or a change of use to a more vulnerable class may be subject to other sources of flooding".

## **ENVIRONMENTAL ASPECTS**

### Landfill

The database of the Environment Agency of active and historic landfills is searched for all sites. Sometimes additional historic landfill data is available from the British Geological Society and local authorities to identify nearby landfill sites. It should be noted that landfill sites that closed prior to 1974 and unlicensed disposal activities will not necessarily be revealed by this search.

### Pollution Incidents

The Environment Agency ceased recording 'Pollution Incidents to Controlled Waters' in 2000, when they commenced the replacement 'Substantiated Pollution Incident Register'. EMS do not consider any 'Category 3 –Minor Incident' on the 'Pollution Incidents to Controlled Waters' database as relevant to assessing the site due to the time elapsed and the low level of impact that occurred. Again, due to the time elapsed and the fact that remedial measures would have been undertaken at the time, 'Category 1 –Major Incident' and 'Category 2 –Significant Incident' are only considered relevant if the impacted controlled water was on or immediately adjacent to the site.

On the 'Substantiated Pollution Incident Register', EMS approach to this information in the following manner:

- Pollution incidents impacting 'air' only are not considered relevant.

- Pollution incidents to 'water' are only considered where the surface water impacted is either on, flows through or is immediately adjacent to the site.
- Pollution incidents to 'land' are only considered where these are on or immediately adjacent to the site unless there are grounds to consider that the incident had the potential to impact groundwater that may have migrated beneath the site.
- Category 4 potential pollutant incidents are recorded, but upon investigation were found to have had no impact and accordingly are not considered relevant.

Ecologically Sensitive Land Use

The land uses that are identified as ecologically sensitive are those identified as Sites of Special Scientific Interest (SSSI), Special Areas of Conservation, Special Protection Areas, Ramsar sites, Natural Parks, Natural Nature Reserves, Marine Nature Reserves, Local Nature Reserves, Green Belt, Forest Parks, Environmentally Sensitive Areas, or Areas of Outstanding Natural Beauty.

Unexploded Ordnance

Guidance in CIRIA C681 'Unexploded Ordnance, A Guide for the Construction Industry' recommends that a preliminary risk assessment, comprising desk-based consideration of factors that affect the potential for unexploded ordnance (UXO) to be present, is undertaken at all sites at an early stage. This assessment ascertains whether specialist advice is required prior to ground disturbing activities. The assessment involves consideration of the site's location, history and planned investigation activities. The aim of the assessment is principally to avoid loss of life or injury in the rare event that unexploded ordnance is encountered. However, it is also extremely useful to consider this issue at an early stage to avoid costly delays in construction programmes later down the line.

At the date of publication of this CIRIA document there have been no recorded deaths in the UK resulting from UXO in recent decades (although there have been some fatalities in Europe). However, it is estimated that 15,000 items of ordnance (5 % estimated to be live) were removed from UK construction sites between 2006 and 2008.

The following table summarises the risk factors for a site against the potential for UXO to be present:

		Potential for aerial delivered UXO to be present			
		LOW			HIGH
<i>Indicators of potential aerial delivered UXO hazards</i>					
	<b>Site location</b>	Rural	Small towns	Brownfield sites Large towns	Cities
	<b>Site description and historical land use</b>	Greenfield site or agricultural land only	Near to wartime site of: Previous military use	Adjacent to wartime site of: Previous military use	Site of previous military use: Former wartime

			Railway marshalling yard Power station Gas works Port Industrial centre	Railway marshalling yard Power station Gas works Port Industrial centre	Site of previous military use Railway marshalling yard Power station Gas works Port Industrial centre
	<b>History of WWII bombardment</b>	No history of WWII bombing	Near to area of known WWII bombing	Area of known WWII bombing	Area of high intensity WWII bombing
<b>Post-war development and the potential to remove aerial delivered UXO hazards</b>					
		Wholesale excavation			
		Significant post-war development			
		Moderate post-war development			
				Minimal post-war development	
		No evidence of post-war development			
<b>Construction activities and the potential to encounter aerial delivered UXO</b>					
		Borehole drilling			
		Shallow trial pits			
		Excavations for services			
		Low density driven piles			
				Shallow excavations over extended area	
				Sheet piling	
				Deep excavations over limited area	
				High density piles	
				Deep excavation over extended area	

Notes: 1. Adapted from CIRIA C681.

Reference to the ZeticaUXO website (<https://zeticauxo.com>) also provides additional information with respect to the risk of unexploded ordnance beneath a site.



## **CONTAMINATION ASSESSMENT METHODOLOGY**

### UK Policy

*The UK Government's policy in relation to land affected by historic contamination is based on a 'suitable for use' approach. The approach recognises that the risks presented by any given level of contamination will vary greatly according to the use of the land and a wide range of other factors, such as the underlying geology of the site. Contamination risks therefore need to be assessed on a site-by-site basis. The 'suitable for use' approach limits requirements for remediation to the work necessary to prevent unacceptable risks to human health or the environment in relation to either the current use or future use of the land.*

*The three main drivers for contamination assessment and remediation are:*

- *Voluntary action.*
- *Development as part of the planning regime.*
- *Regulatory action to mitigate unacceptable risks e.g. Part 2A of the Environmental Protection Act 1990.*

### Pollutant Linkages

*For a contamination risk to exist there must be a 'pollutant linkage' from the contaminant (source) via a pathway (the route from contaminant to receptor) to a receptor (the entity that could be harmed). The absence of a contaminant, pathway or receptor breaks the pollutant linkage and therefore no contamination risk exists.*

*Contamination is typically present at a site (in the ground and/or in the underlying groundwater) as a result of a historic or current industrial use, usually as a result of leaks, spills or disposal of residues, wastes and excess raw materials from the industrial processes. Contamination may also be present due to:*

- *The deliberate application of chemicals e.g. the spraying of herbicide/pesticide.*
- *Migration of pollutants from adjacent land.*
- *Naturally occurring processes e.g. elevated concentrations of particular heavy metals associated with specific geological strata.*

### Conceptual Site Model

*The conceptual site model can be defined as a textual or graphical representation of the identified pollutant linkages for a given site. The model forms the basis for designing the investigation as the aim will be to target all of the potential pollutant linkages to determine, through the subsequent phases of risk assessment, whether or not they pose an actual risk.*

*It is important that the conceptual site model is updated with new information as the various investigation, risk assessment and remediation works are completed.*

### Technical Guidance

The technical and legal framework for contamination assessment is complex. The process adopted through this report for assessing contamination risks is in general accordance with the following guidance, as listed below:

- ‘Investigation of Potentially Contaminated Sites - Code of Practice - BS 10175: 2011+A2:2017’, BSi, 2017.
- ‘Model Procedures for the management of Land Contamination - CLR Document No. 11’, Environment Agency, 2004.
- ‘Guidance for the safe development of housing on land affected by contamination - R&D66: 2008’, NHBC/Environment Agency, 2008.

#### Risk Assessment Methodology

In line with the technical guidance, the contamination risk assessment follows a series of phased stages for each particular site:

PHASE	DESCRIPTION	RISK ASSESSMENT STAGE
<b>PHASE 1</b>	Generally limited to desk based research and a site walkover survey to develop an initial conceptual site model and identify what risks, if any, are likely to be presented by the site.	<b>Hazard Identification and Assessment</b> A preliminary stage of risk assessment concerned with identifying and characterising the hazards that may be associated with a particular site and identifying potential pollutant linkages.
<b>PHASE 2</b>	This phase is concerned with establishing whether contamination is present, usually through intrusive ground investigation, and then evaluating the degree and magnitude of the associated risks.	<b>Risk Estimation</b> A stage concerned with estimating the likelihood that receptors will suffer adverse effects if they come into contact with, or are otherwise affected by, a hazardous substance or agent under defined conditions. <b>Risk Evaluation</b> A stage of risk assessment concerned with evaluating the acceptability of estimated risk taking into account the nature and scale of the risk estimates, any uncertainties associated with the assessment and the broad costs and benefits of taking action to mitigate risks.
<b>PHASE 3</b>	The appraisal and selection of remediation techniques, their implementation and verification.	<b>Risk Management</b> The process whereby decisions are made to accept a known or assessed risk and/or implementation of action to reduce the consequences or probabilities of occurrence.

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Risk Classification

The objective of risk assessment is to identify the nature and magnitude of the potential risks and should be based on a consideration of both:

- The likelihood/probability of an event [taking into account both the presence of the hazard and receptor and the integrity of the pathway].
- The severity of the potential consequence [taking into account both the potential severity of the hazard and the sensitivity of the receptor].

There is a need for a logical, transparent and repeatable system in defining the categories of severity of consequence and likelihood as well as for the risk itself and therefore the following risk rating matrix is employed:

		SEVERITY OF CONSEQUENCE			
		SEVERE	MEDIUM	MILD	MINOR
P R O B A B I L I T Y	HIGH LIKELIHOOD	Very High Risk	High Risk	Moderate Risk	Moderate/Low Risk
	LIKELY	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	LOW LIKELIHOOD	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	UNLIKELY	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

These risk classifications are defined as follows:

- **Very High Risk** - There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without appropriate remediation action.
- **High Risk** - Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action.
- **Moderate Risk** - It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild.

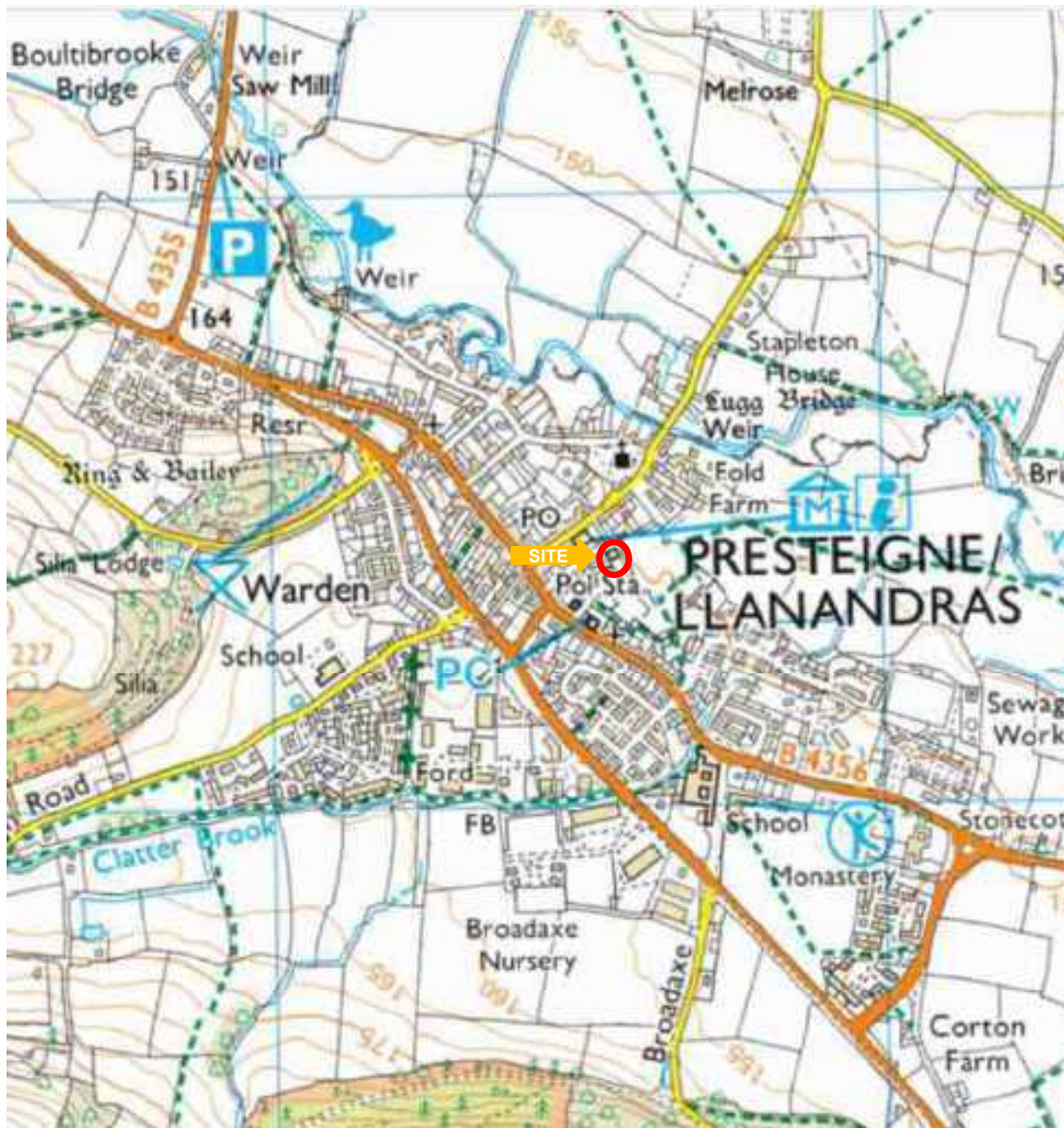


- *Low Risk - It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild.*
- *Negligible Risk - The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.*

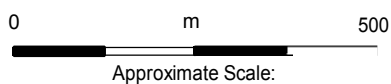
*This preliminary risk assessment matrix and classification system is based on guidance produced by Department for Environment, Food and Rural Affairs (Defra) and the Environment Agency in connection with contaminated land assessment.*

## Appendix A –Drawings and Plans





KEY:	
Site Location	



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© Crown copyright. All rights reserved. [www.bing.com](http://www.bing.com)

	Project Number:	E23890
	Site:	9 Harper's Lane, Presteigne, LD8 2AN.
	Drawing Title:	Site Location Plan



Former Kaye  
Prestige Works



Approximate Scale:

Environment Consultant Design Drawing - A0 3, 11/05/2019

	Project Number:	E23890
	Site:	9 Harper's Lane, Prestige, LD18 2AN.
	Drawing Title:	Existing Site Layout Plan





Former Kaye  
Prestige Works



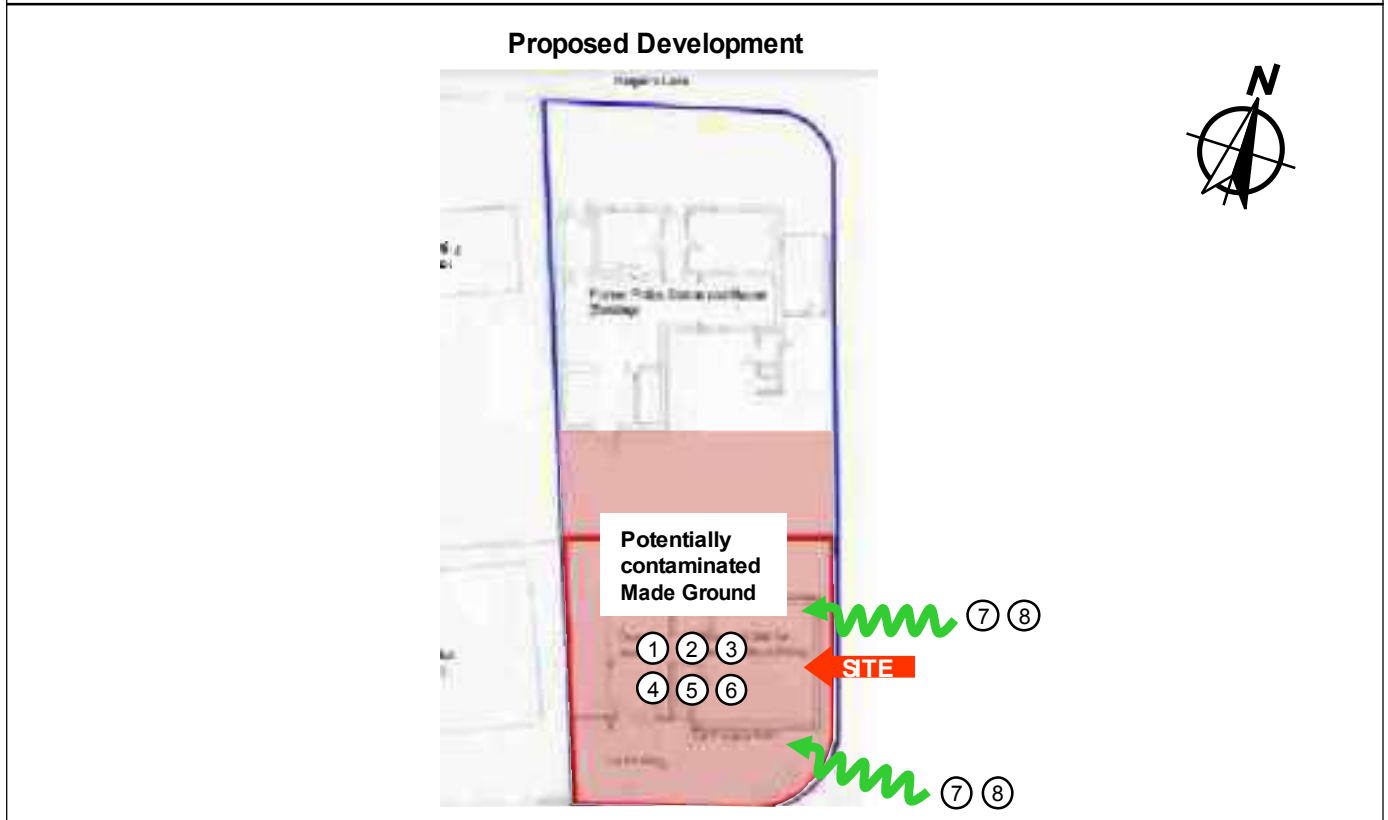
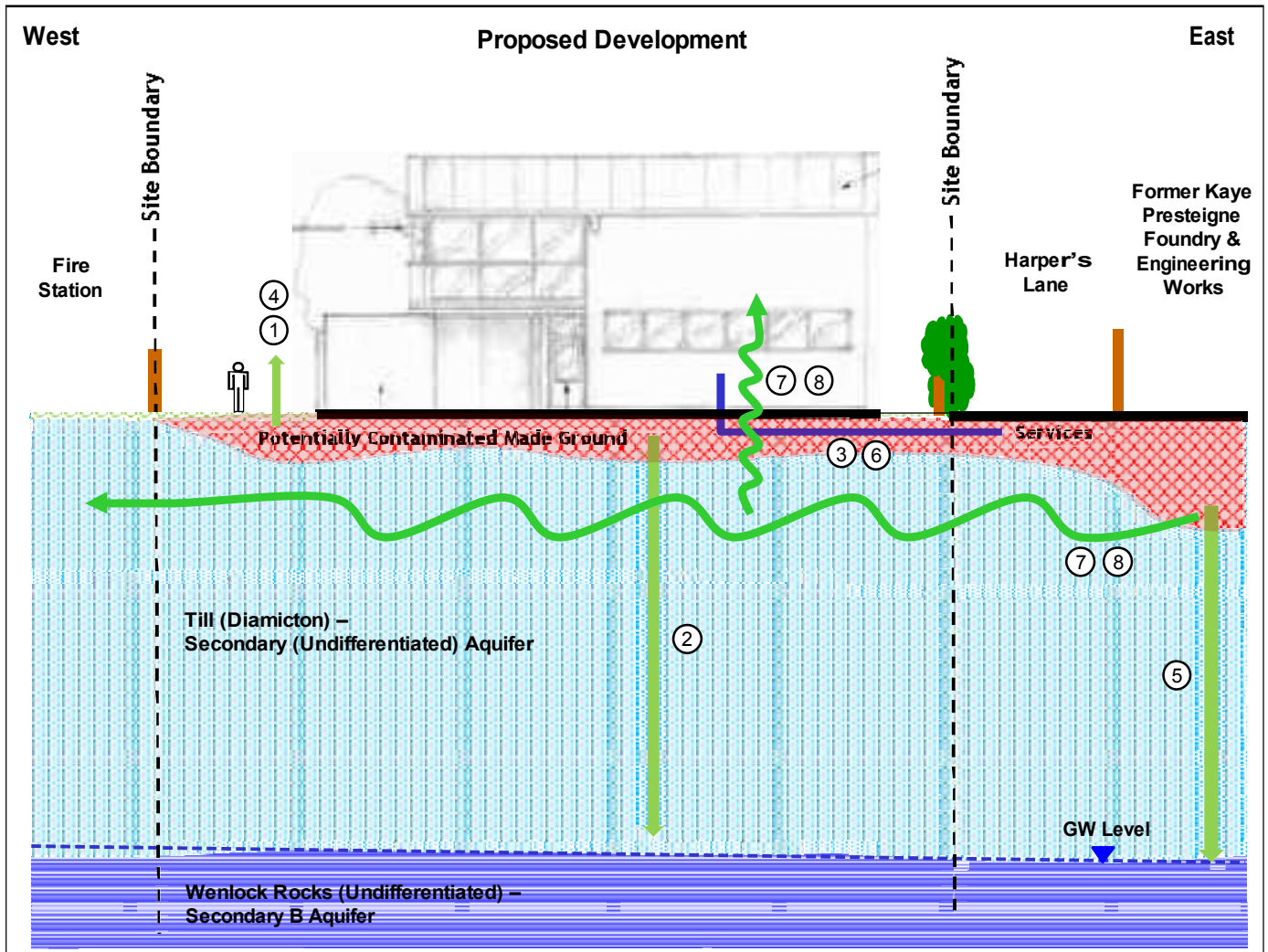
Approximate Scale:

Environment Consultant Design Drawing - A0 3, 11/10/2019, 11/10/2019, 11/10/2019



Project Number:	E23890
Site:	9 Harper's Lane, Prestige, LD18 2AN
Drawing Title:	Proposed Site Layout Plan





Job Title: 9 Harper's Lane, Presteigne, LD8 2AN  
 Job Number: E23890  
 Drawing Title: Preliminary Conceptual Site Model



## Appendix B –Photographic Record - Site Walkover



Photo 1: Northwest end of the site.



Photo 2: Northeast of the site.



Photo 3: Southeast end of site.



Photo 4: Southwest of site.





Photo 5: Stockpile located in southwest corner.



Photo 6: Water well located centrally on site.





Photo 7: Wood pile located on northeastern site boundary.



Photo 8: Metal tank with evidence of bonfire remains located on southwestern site boundary.

## Appendix C –Landmark Envirocheck - Historical Maps

Historical Mapping & Photography included:

1:10,000 Raster	1:10,000	1000	50
1:10,000 Vector	1:10,000	1000	50
1:10,000 Raster	1:10,000	1000	50
1:10,000 Vector	1:10,000	1000	50
1:10,000 Raster	1:10,000	1000	50
1:10,000 Vector	1:10,000	1000	50
1:10,000 Raster	1:10,000	1000	50
1:10,000 Vector	1:10,000	1000	50
1:10,000 Raster	1:10,000	1000	50
1:10,000 Vector	1:10,000	1000	50
1:10,000 Raster	1:10,000	1000	50
1:10,000 Vector	1:10,000	1000	50

## Historical Mapping Legends

Ordinance Survey County Series 1:10,560




Ordinance Survey Plan 1:10,000



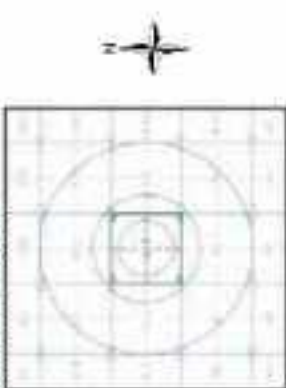


1:10,000 Raster Mapping





### Historical Map - Slice A



### Order Details

Order Number: 28321531\_17  
 Customer Ref: 633950  
 National Grid Reference: 101900; 304400  
 SKC: A  
 Site Area (ha): 0.07  
 Sheet Count (m): 1000

### Site Details

Texas Data Ltd, 8, Haver Lane, Preston, Lancashire, PR1 2JN



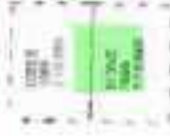
**Herefordshire**

**Published 1888**

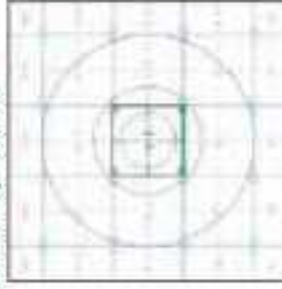
**Source map scale - 1:10,560**

The historical map information recommended for this site is the 1888 edition of the Ordnance Survey map of Herefordshire, published in 1888. The map was produced at a scale of 1:10,560 and is the first edition of the map. The map was produced by the Ordnance Survey, which is the national mapping agency for Great Britain and Northern Ireland. The map was produced using the best available technology at the time and is considered to be one of the most accurate maps of the area. The map is available for purchase from the Ordnance Survey or from the National Library of Scotland.

**Map Name(s) and Date(s)**



**Historical Map - Slice A**

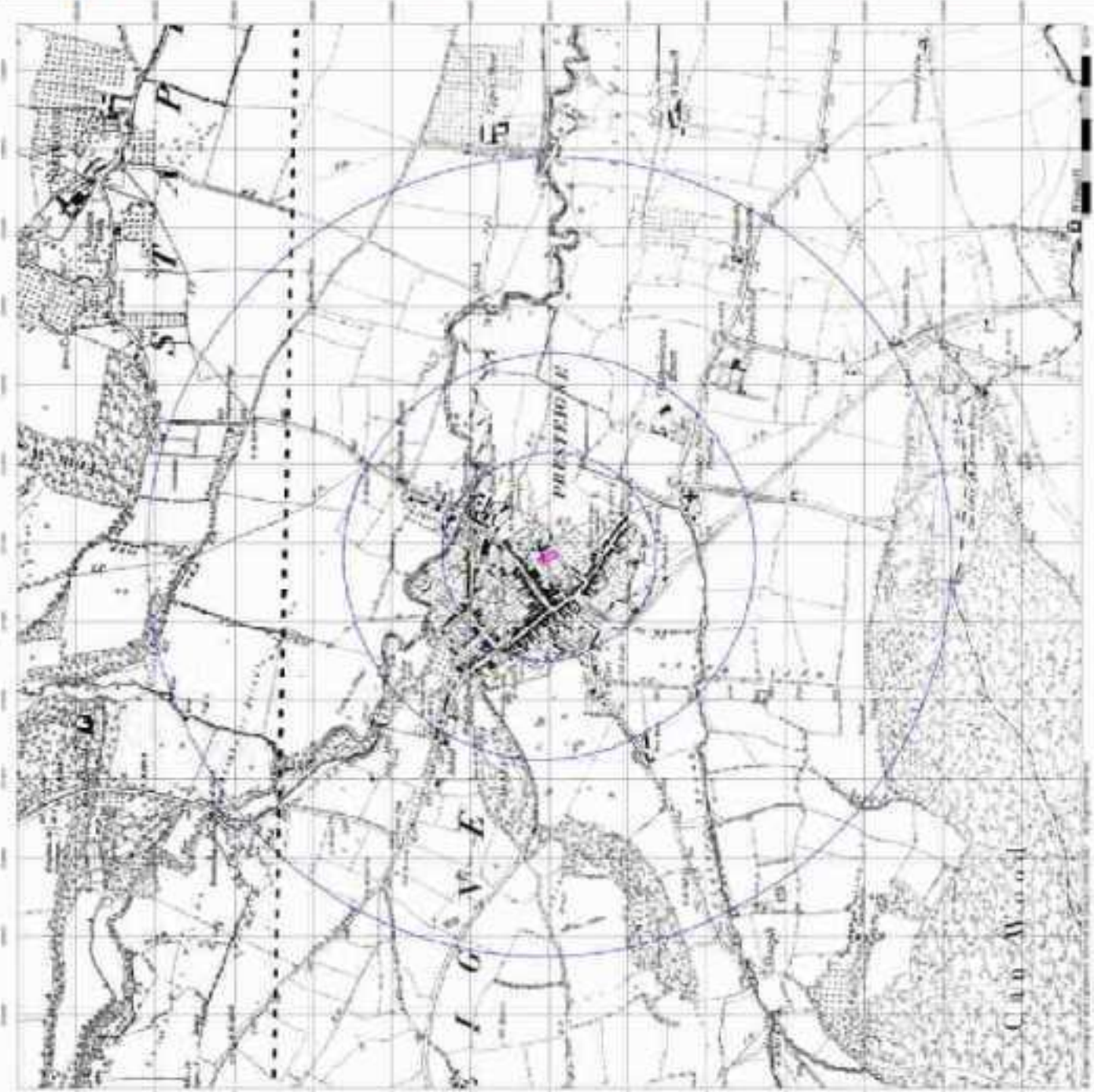


**Order Details**

Order Number: 283216531\_L1  
Customer Ref: 6339950  
National Grid Reference: 371900; 364400  
SAC: A  
Site Area (ha): 0.07  
Search Buffer (m): 100

**Site Details**

Texas Data Ltd, 8, Hawes Lane, Presteigne, LD8 3AH



Herefordshire

Published 1904 - 1905

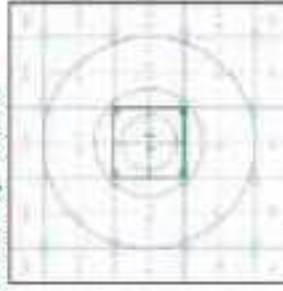
Source map scale - 1:10,560

The historical map information presented here was originally held at the scale depicted (English 10000 and 1:6250 in the 1900s). In 2006 the 1:6250 version was adopted for mapping urban areas. These maps were used to produce the 1:10,560 maps. The published date given is the date when the data was first collected. Being 1904, all OS maps were based on the Cassini's projection, with some later editions being re-projected to a more modern projection. The map was re-projected to the 1:10,560 scale using a Mercator projection. The map was re-projected with all military symbols and grid lines removed. These symbols were added back to the map using the Ordnance Survey's 1:10,560 scale map data. The map was re-projected with a new address mapping using the 2010 data.

## Map Name(s) and Date(s)



## Historical Map - Slice A

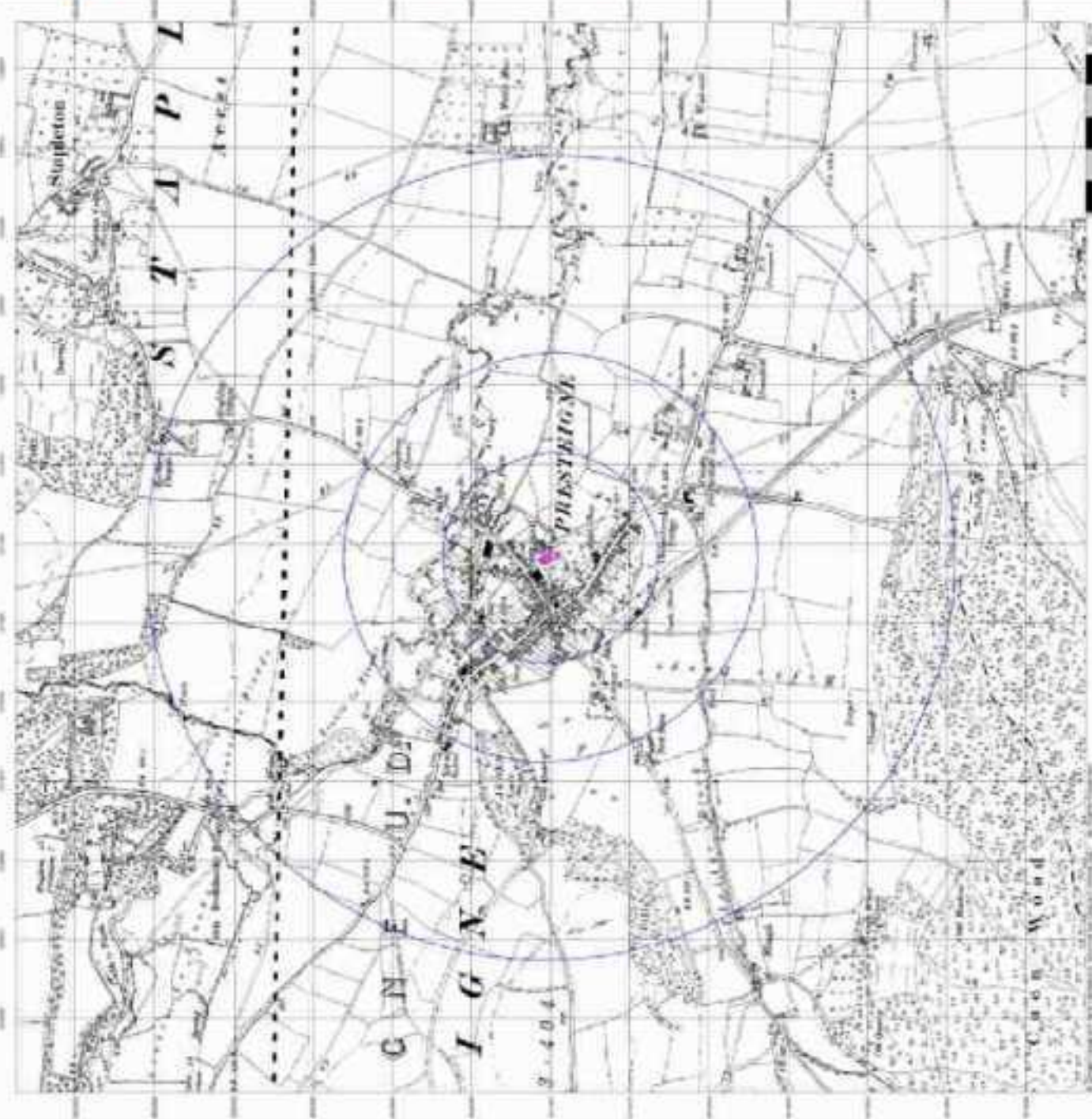


## Order Details

Order Number: 28321631\_1\_1  
 Customer Ref: 623990  
 National Grid Reference: ST1900; 384400  
 SKC: A  
 Site Area (sq): 0.07  
 Search Buffer (m): 100

## Site Details

Texas Data Ltd, 8 Haver's Lane, Preststone, LD8 3AN





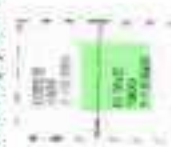
Herefordshire

Published 1930

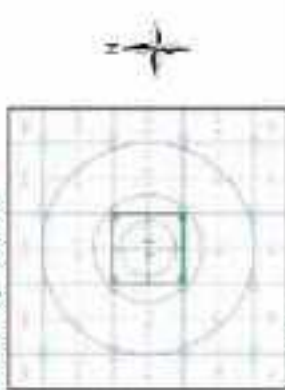
Source map scale - 1:10,560

The historical maps shown were reproduced from their original source held at the Royal Geographical Society, and located in the 1900s. In 2006 the 1:25,000 Ordnance Survey edition was scanned and the map was re-sized to match the 1:10,560 scale. The published date given is the date when the map was first published, not the date when it was scanned. The map was scanned on the 10th of October 2006, with the scan date given in the top right corner. The map was scanned at a resolution of 300dpi, giving a resolution of approximately 1:10,560. The map was scanned with an automatic colour correction process. The map was scanned with an automatic colour correction process. The map was scanned with an automatic colour correction process. The map was scanned with an automatic colour correction process.

### Map Name(s) and Date(s)



### Historical Map - Slice A

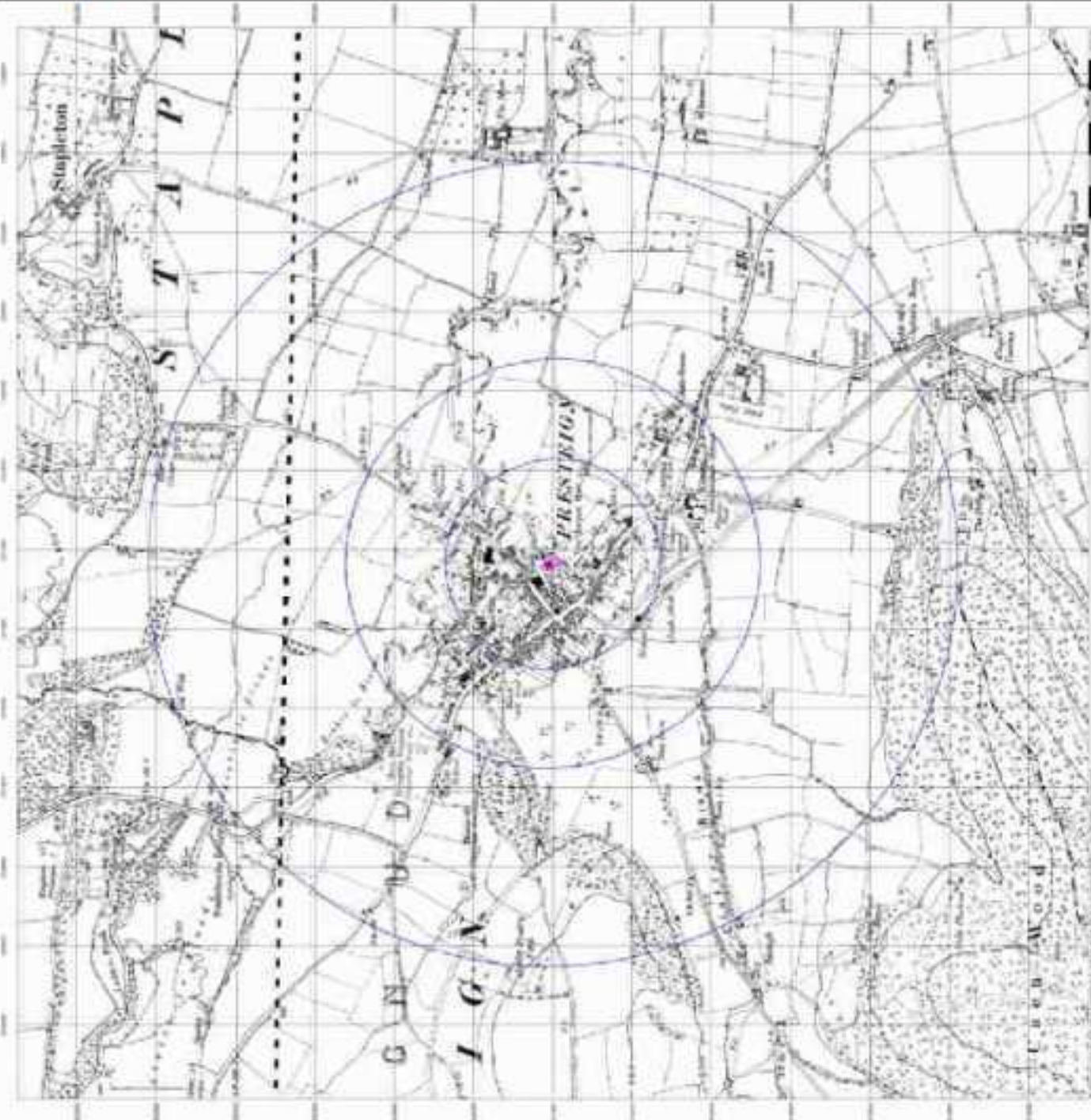


### Order Details

Order Number: 283226531\_1\_1  
 Customer Ref: 6239950  
 National Grid Reference: ST1900; 304400  
 SKC: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 100

### Site Details

Texas Data Ltd, 8, Haver's Lane, Presteigne, LD8 3AN





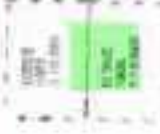
Herefordshire

Published 1938 - 1953

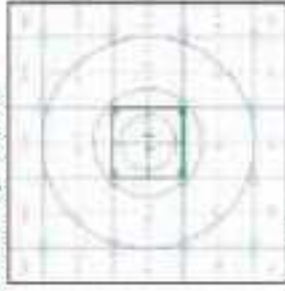
Source map scale - 1:10,560

The historical maps shown were reproduced from their original counterparts at the scale specified. Original maps were produced in the 1930's. In 2006 the 1:25,000 Ordnance Survey edition of the map was used. These maps were used to produce the 1:10,560 maps. The published date given beneath a map's name refers to the date of the original data. Being 1938, all OS maps were based on the Cassini's projection, with the latest datum being 1830. It is likely that a series of re-projections, using the most recent datum available in 1938, is in the data. The 1:10,560 OS edition of the map was produced using the OS 1:25,000 mapping from a common datum. The maps were re-projected with the datum change and then scaled to the 1:10,560 scale. These maps were produced using the Transverse Mercator Projection. The historical maps contain additional details, with a new address appearing every 10 miles in a 10 mile radius.

## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

Order Number: 283226531\_1\_1  
 Customer Ref: 6239950  
 National Grid Reference: ST11900; 384400  
 SWC: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

## Site Details

Twiss Datafit Ltd, 8, Hawes Lane, PRESTON, LD8 2AN

Herefordshire

Published 1953

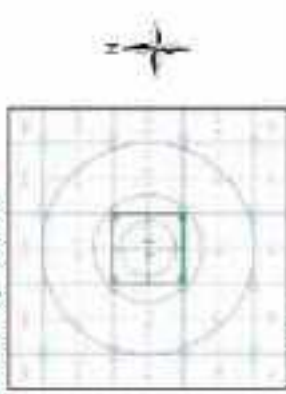
Source map scale - 1:10,560

The historical map information presented here has been researched and digitised from the original source map(s) and is based on the 1953 edition of the Ordnance Survey map series. The 1:10,560 scale maps are the most detailed maps available and are based on the original maps. The published data from these maps are more accurate than other sources. Being 1:10,560, all OS maps were based on the Cassini's projection, with the local datum being the mean spheroid. In the late 1940s, a British Air Force geodetic network was established with its origin at Herstmonceux in Sussex. This network was used to re-define the mean spheroid datum to the new datum. The new datum was then used to produce the Ordnance Survey maps. The historical maps continue to be published, with new editions appearing every 20 years or so to the date of issue.

### Map Name(s) and Date(s)



### Historical Map - Slice A



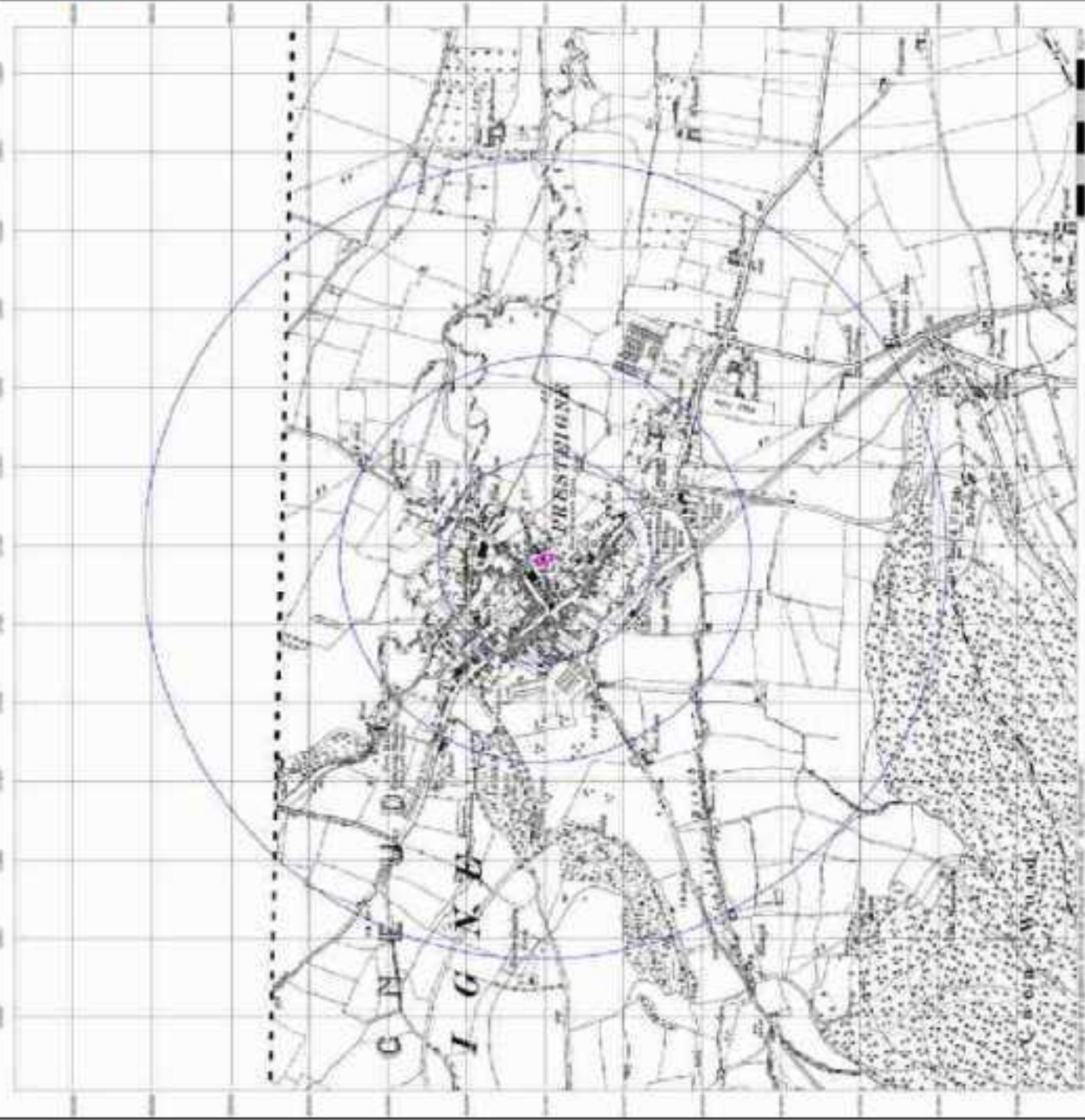
### Order Details

Order Number: 28322531\_1\_1  
 Customer Ref: 6238950  
 National Grid Reference: ST1900; 384400  
 SXC: A  
 Site Area (sq): 0.07  
 Search Buffer (m): 100

### Site Details

Twiss Duffell Ltd, 8, Haversham, Presteigne, LD8 3AN

**Landmark**  
 LANDMARK INFORMATION GROUP





## Ordnance Survey Plan

Published 1963

Source map scale - 1:10,000

The historical map information presented here is derived from the Ordnance Survey's 1:10,000 scale Ordnance Survey Plan (OS Plan) maps, which were first published in 1963. The OS Plan maps are the most detailed and accurate maps available in the UK, and are used for a wide range of purposes, including planning, engineering, and surveying. The OS Plan maps are published at a scale of 1:10,000, which means that 1cm on the map represents 100m on the ground. The OS Plan maps are published in a grid system, with each map covering a 10km x 10km area. The OS Plan maps are published in a variety of formats, including paper, digital, and vector. The OS Plan maps are published in a variety of scales, including 1:10,000, 1:25,000, and 1:50,000. The OS Plan maps are published in a variety of countries, including the UK, Ireland, and the Channel Islands. The OS Plan maps are published in a variety of languages, including English, Welsh, and Gaelic. The OS Plan maps are published in a variety of formats, including paper, digital, and vector. The OS Plan maps are published in a variety of scales, including 1:10,000, 1:25,000, and 1:50,000. The OS Plan maps are published in a variety of countries, including the UK, Ireland, and the Channel Islands. The OS Plan maps are published in a variety of languages, including English, Welsh, and Gaelic.

### Map Name(s) and Date(s)



### Historical Map - Slice A

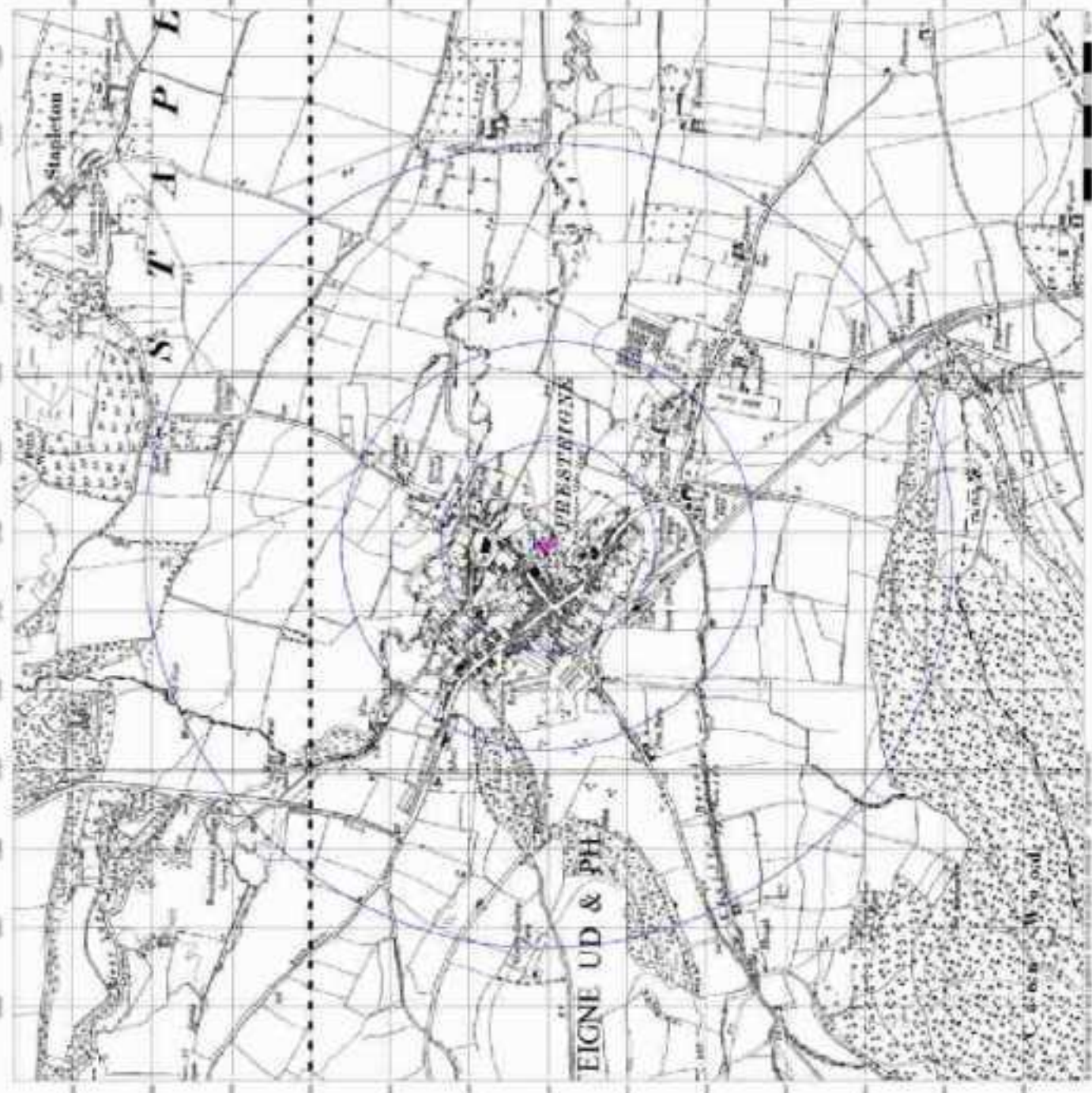


### Order Details

Order Number: 28322631\_1\_1  
 Customer Ref: 633990  
 National Grid Reference: 101900; 304400  
 SKC: A  
 Site Area (sq): 0.07  
 Search Buffer (m): 1000

### Site Details

Texas Data Ltd, 8, Hawes Lane, Preststone, LD8 3AN



## Ordnance Survey Plan

Published 1981

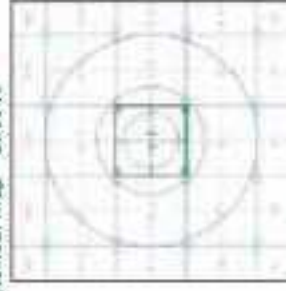
Source map scale - 1:10,000

The historical map information presented here was originally held at a scale of 1:50,000 and published in the 1970's. In 2006 the OS data was reprocessed to a scale of 1:10,000 and used to produce this 1:10,000 map. The published data from the original map is more precise than the current data. Being 2006, all OS data was based on the Geoid 2000, with height values given in metres above sea level. In the late 1940's, a British Air Photo Interpretation (AP) was produced from aerial photography. This map was used to produce the 1:50,000 map and the 1:10,000 map. These maps were produced using the Ordnance Survey's own data. The maps were produced independently, with no additional mapping work to be done on either of them.

### Map Name(s) and Date(s)



### Historical Map - Slice A

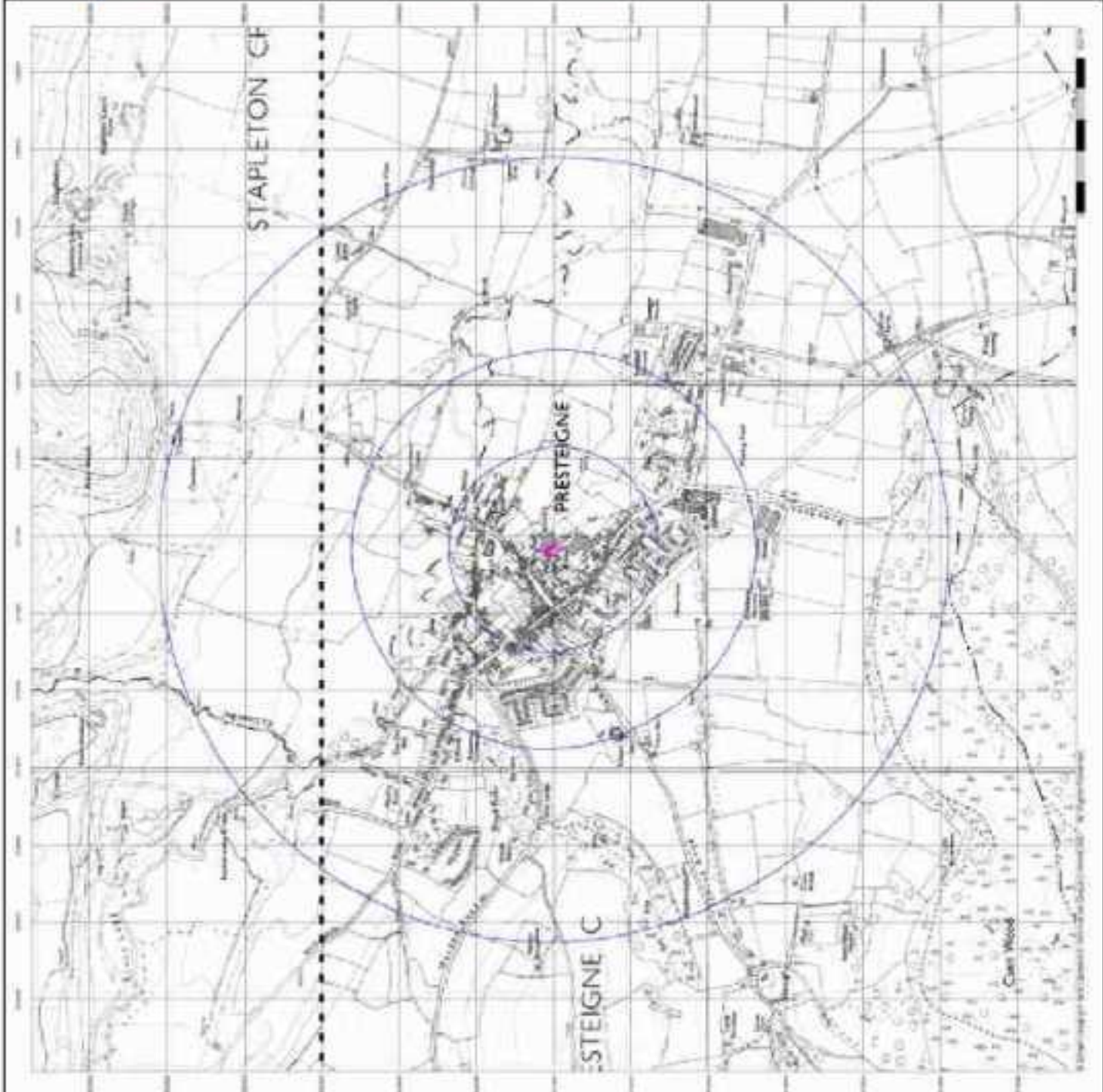


### Order Details

Order Number: 283226531\_1\_1  
 Customer Ref: 623990  
 National Grid Reference: 371900; 384400  
 SKC: A  
 Site Area (sq): 0.07  
 Search Buffer (m): 1000

### Site Details

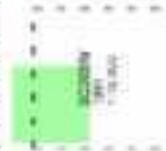
Texas Data Ltd, 8, Havers Lane, PRESTON, L0E 2AN





The historical map information presented here was originally published by the Ordnance Survey in the 1990's. In 2006 the 1:10,000 Ordnance Survey map was published. This map was used to produce the 1:10,000 map. The published data from the 1:10,000 map is more recent than the original data. Being 100% of the data was based on the Ordnance Survey data, with some additional data being added in the late 1990's. A 1:10,000 map of the site is included which was updated with all military camps and sites that have been removed. These include the 1:10,000 map was produced using the Ordnance Survey data. The information is presented as a map, with a scale of 1:10,000.

**Map Name(s) and Date(s)**



**Historical Map - Slice A**

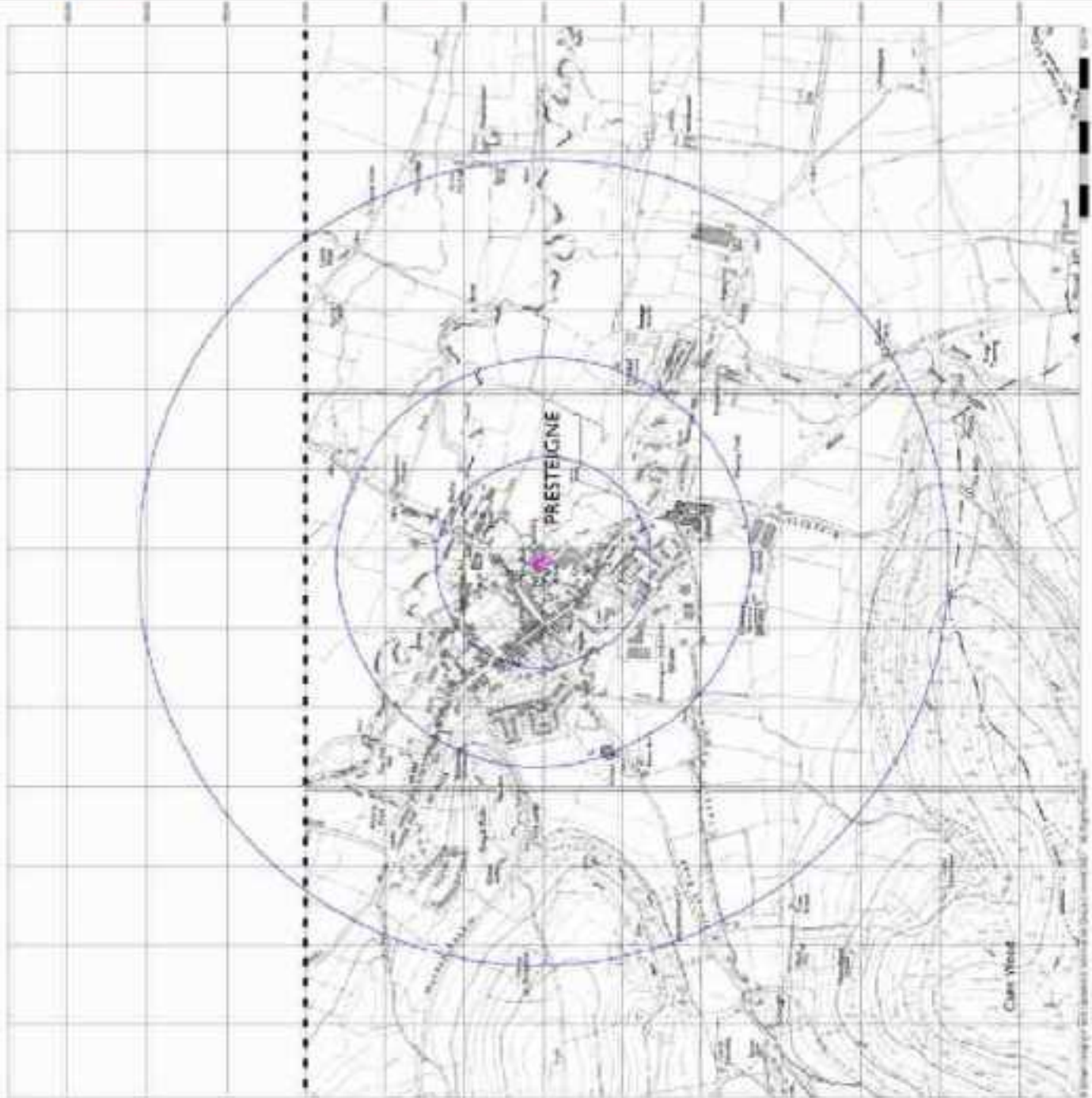


**Order Details**

Order Number: 283226531\_17  
 Customer Ref: 623990  
 National Grid Reference: 101900; 304400  
 SWC: A  
 Data Zone (m): 0.07  
 Search Buffer (m): 1000

**Site Details**

Twiss Dairies Ltd, 8, Havers Lane, PRESTIGNE, LD8 3AN



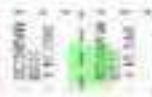
10k Raster Mapping

Published 2000

Source map scale - 1:10,000

The historical maps (historical) included in this Envirocheck feature the Ordnance Survey's 1:10,000 colour vector mapping. These maps were derived from Landgate which updated the old 1:10,000 raster originally published in 1973. The data is highly detailed showing buildings, tracks and features that are shown as well as all roads, tracks and paths. It can be used in a number of ways, including as a background map, overlaid on other maps, or as a stand-alone map. It can be used in a number of ways, including as a background map, overlaid on other maps, or as a stand-alone map. It can be used in a number of ways, including as a background map, overlaid on other maps, or as a stand-alone map.

### Map Name(s) and Date(s)



### Historical Map - Slice A

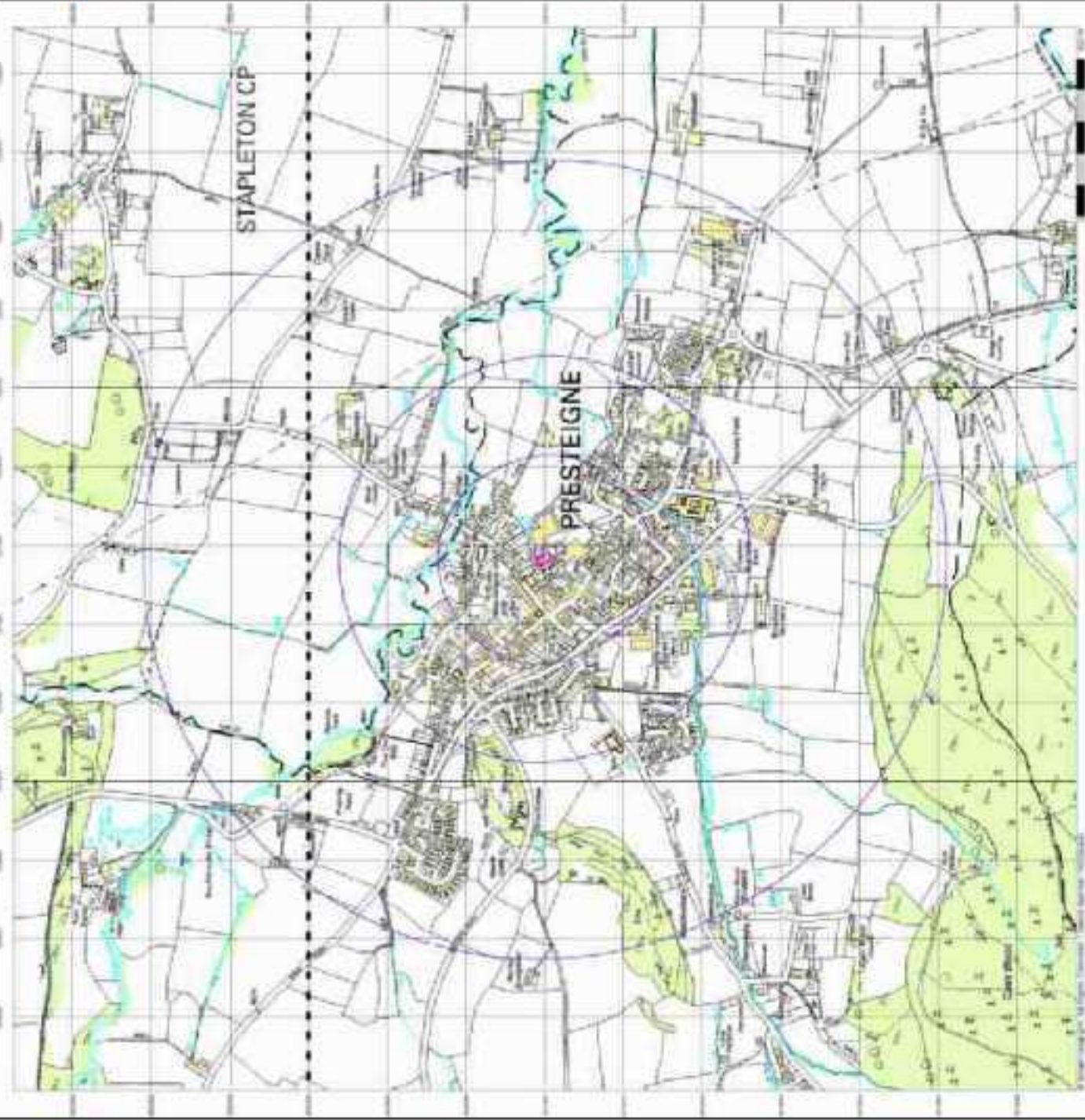


### Order Details

Order Number: 283226531\_1\_1  
Customer Ref: E339950  
National Grid Reference: 371900; 304400  
SAC: A  
Site Area (ha): 0.07  
Search Buffer (m): 1000

### Site Details

Texas Data Ltd, 8, Havers Lane, Presteigne, LD8 3AN





**10k Raster Mapping**

**Published 2006**

**Source map scale - 1:10,000**

The historical maps (shown in pockets) used for this Envirocheck<sup>®</sup> 10,000 raster map were derived from Ordnance Survey data which updated the old 1:10,000 raster originally published in 1973. The data is high resolution vector data, which can be scaled to fit all map scales, from 1:10,000 to 1:100,000. It can be used to generate all the standard map symbols and features. Boundary information is shown in black, and parks and greenery in green.

**Map Name(s) and Date(s)**



**Historical Map - Slice A**

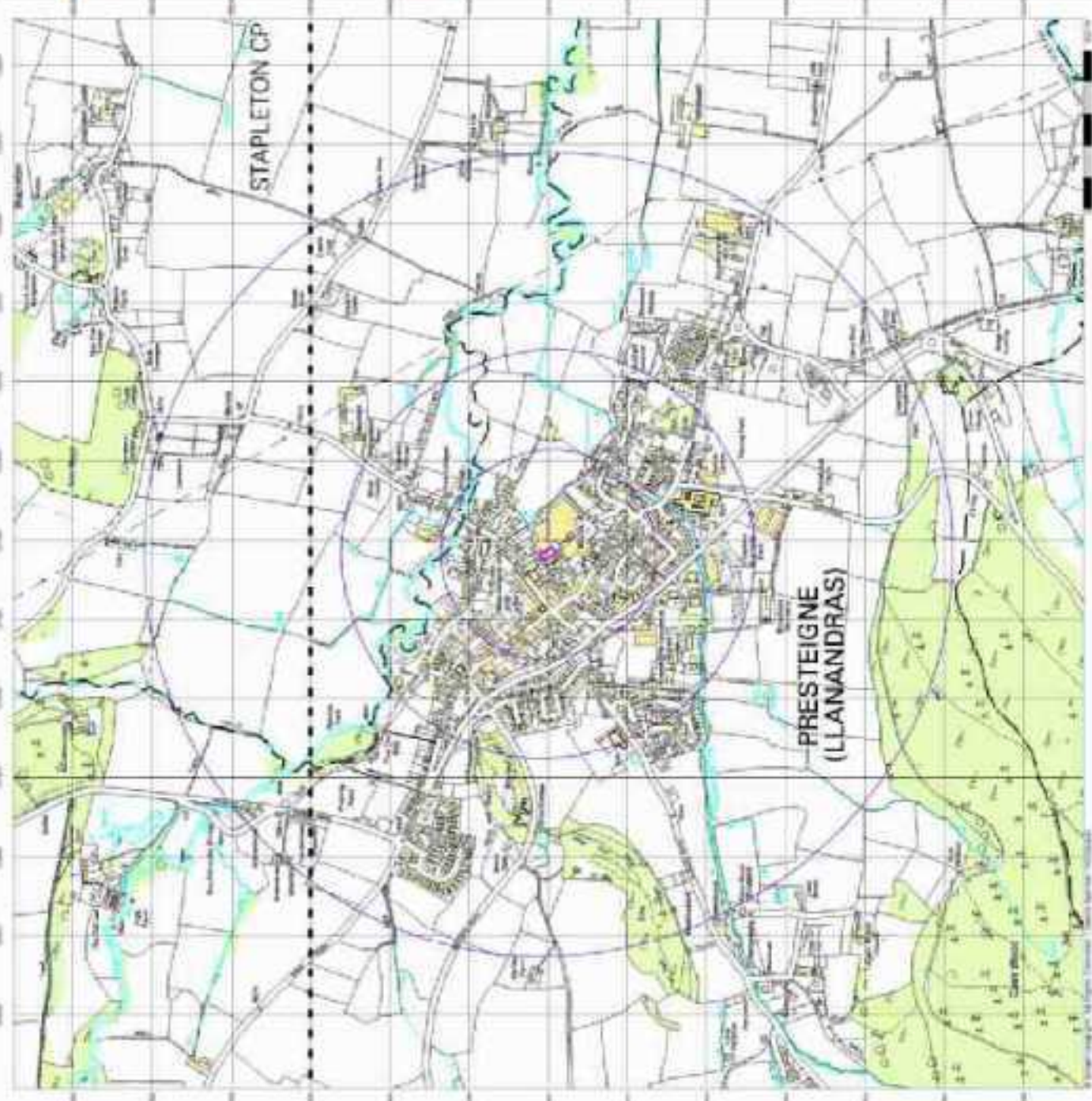


**Order Details**

Order Number: 28322631\_1\_1  
Customer Ref: 623990  
National Grid Reference: 371900, 364400  
Scale: A  
Site Area (ha): 0.07  
Search Buffer (m): 100

**Site Details**

Texas Data Ltd, 8, Hawes Lane, Presteigne, LD8 3AN





## VectorMap Local

Published 2021

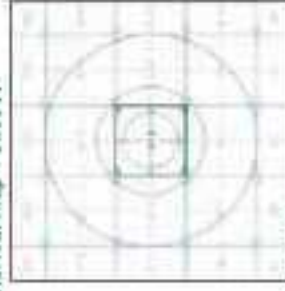
Source map scale - 1:10,000

VectorMap Local (vml) is a vector-based map format that allows for a single master image at a nominal scale of 1:10,000, covering the area of a road data set. It is designed for use in a GIS application. The VectorMap Local is derived from large scale vector data received at 1:2500 scale (containing major lines and labels), 1:2500 scale (containing minor lines and labels), and 1:10,000 scale (containing the road data set) and is published as a single image.

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 28322531\_L1  
Customer Ref: E23990  
National Grid Reference: 271900; 284400  
SVC: A  
Site Area (ha): 0.07  
Search Buffer (m): 100

### Site Details

Twiss Data Ltd, 8, Haver's Lane, Presteigne, LD8 3AN



## Appendix D –Landmark Envirocheck - Environmental Data



## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

283226531\_1\_1

**Customer Reference:**

E23890

**National Grid Reference:**

331560, 264400

**Slice:**

A

**Site Area (Ha):**

0.07

**Search Buffer (m):**

1000

#### Site Details:

Tania Dufort Ltd, 9

Harpers Lane

PRESTEIGNE

LD8 2AN

#### Client Details:

Mr J Perkins

EMS (Environmental Management Solutions)

Sigeric Business Park

Holme Lacy Road

Hereford

Herefordshire

HR2 6BQ

Report Section	Page Number
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Hazardous Substances	29
Geological	30
Industrial Land Use	32
Sensitive Land Use	40
Data Currency	42
Data Suppliers	48
Useful Contacts	49

### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays so 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 Datasheets place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency. It also incorporates data from Natural England (and the Scottish and Welsh equivalents) and local Authorities, and highlights hydrogeological features, required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In the datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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### Radon Potential dataset Copyright Notice

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

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### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		13	5	17
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 10				1
Local Authority Integrated Pollution Prevention And Control	pg 10		1		
Local Authority Pollution Prevention and Controls	pg 10		1	1	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10		Yes		
Pollution Incidents to Controlled Waters	pg 11		10	4	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 13		1		2
River Quality Biology Sampling Points	pg 14				2
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 15		4		2 (*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 18	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 18	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 18		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 19		6	19	41

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites	pg 27			1	
Historical Landfill Sites	pg 27			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 27	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 27			1	
Potentially Infilled Land (Non-Water)	pg 27			1	1
Potentially Infilled Land (Water)	pg 27			2	7
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)	pg 29				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 29				1
Planning Hazardous Substance Consents	pg 29				1
Planning Hazardous Substance Enforcements					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 30	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 30	Yes			
BGS Recorded Mineral Sites	pg 30			1	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
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					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 30	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 30		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				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	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	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
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 32		5	20	3
Fuel Station Entries	pg 34			1	
Points of Interest - Commercial Services	pg 34		1	6	
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 35		4	6	8
Points of Interest - Public Infrastructure	pg 36		2	8	17
Points of Interest - Recreational and Environmental	pg 38		3	1	3
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 40				9
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 40	1			
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 40		2		
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	1	331550 264400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	0	1	331565 264400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	59	1	331450 264400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	149	1	331400 264400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	162	1	331700 264250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	249	1	331300 264400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	309	1	331350 264650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	349	1	331350 264700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	390	1	331300 264700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (SW)	419	1	331300 264750
1	<b>Discharge Consents</b> Operator: Brockhouse Kaye (Presteigne) Property Type: Unstuffed Or Other Location: Brockhouse Kaye Presteigne Authority: Natural Resources Wales Catchment Area: River Wye Reference: Aw4001401 Permit Version: 1 Effective Date: 8th June 1980 Issued Date: 8th June 1980 Revocation Date: 8th March 1995 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib Of River Lugg Status: <b>Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A13NW (W)	5	2	331550 264400
2	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Tanyard Pumping Station Csa/Eo, Broad Street, Presteigne, LD8 2ag Authority: Natural Resources Wales Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW Reference: Wq000441 Permit Version: 3 Effective Date: 21st October 2019 Issued Date: 21st October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Shw Storm Overflow/Spem Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Lugg Status: <b>Effective</b> Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	206	2	331652 264608

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Tanyard Pumping Station Cae/Co, Broad Street, Presteigne, LdB 2ag                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Wqd000441                      Permit Version: 3                      Effective Date: 21st October 2019                      Issued Date: 21st October 2019                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264608
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Presteigne, Powys, LdB 2ag                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Wqd000441                      Permit Version: 2                      Effective Date: 2nd March 2010                      Issued Date: 2nd March 2010                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	200	2	331652 264608
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Presteigne, Powys, LdB 2ag                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Wqd000441                      Permit Version: 2                      Effective Date: 2nd March 2010                      Issued Date: 2nd March 2010                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Pumping Station - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264608
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Presteigne, Powys, LdB 2ag                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Wqd000441                      Permit Version: 2                      Effective Date: 2nd March 2010                      Issued Date: 2nd March 2010                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264608



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Prestegna, Powys, L08 2ag                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Wq000441                      Permit Version: 2                      Effective Date: 2nd March 2010                      Issued Date: 2nd March 2010                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Pumping Station - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264608
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Prestegna, Powys, L08 2ag                      Authority: Natural Resources Wales                      Catchment Area: Lugg                      Reference: Ngwq000441                      Permit Version: 2                      Effective Date: 2nd March 2010                      Issued Date: 2nd March 2010                      Revocation Date: Not Supplied                      Discharge Type: Public Sewage: Storm Sewage Overflow                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	200	2	331652 264608
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Prestegna, Powys, L08 2ag                      Authority: Natural Resources Wales                      Catchment Area: Lugg                      Reference: Ngwq000441                      Permit Version: 2                      Effective Date: 2nd March 2010                      Issued Date: 2nd March 2010                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Pumping Station - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264608
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cso, Broad Street, Prestegna, Powys, L08 2ag                      Authority: Natural Resources Wales                      Catchment Area: Lugg                      Reference: Ngwq000441                      Permit Version: 1                      Effective Date: 31st March 2008                      Issued Date: 7th February 2008                      Revocation Date: 1st March 2010                      Discharge Type: Public Sewage: Storm Sewage Overflow                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264608

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Lugg Bridge Cao, Broad Street, Presteigne, Powys, LD8 2Jg                      Authority: Natural Resources Wales                      Catchment Area: Lugg                      Reference: Nwswqd000441                      Permit Version: 1                      Effective Date: 31st March 2008                      Issued Date: 7th February 2008                      Revocation Date: 1st March 2010                      Discharge Type: Sewage Discharges - Pumping Station - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	206	2	331652 264508
3	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Tanyard Ps - CaoEo                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: An0014201                      Permit Version: 2                      Effective Date: 31st March 2008                      Issued Date: 31st March 2008                      Revocation Date: 24th January 2008                      Discharge Type: Public Sewage: Storm Sewage Overflow                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: Lugg                      Status: <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	248	2	331770 264560
3	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Tanyard Ps - CaoEo                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: AN0014201                      Permit Version: 1                      Effective Date: 30th July 1995                      Issued Date: 30th July 1995                      Revocation Date: 30th March 2008                      Discharge Type: Public Sewage: Storm Sewage Overflow                      Discharge: Not Supplied                      Environment:                      Receiving Water: Lugg                      Status: <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	248	2	331770 264560
3	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewerage Network - Sewers - Water Company                      Location: Cao A1 Presteigne - O/S Sps Tanyard, Fold Farm Cottage, Broad Street, Presteigne, LD8 2Jg                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF RARROW                      Reference: B63694fc                      Permit Version: 1                      Effective Date: 13th May 2020                      Issued Date: 13th May 2020                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Shw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	250	2	331775 264572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Mr A Lindsay                      Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)                      Location: 3 Bll Cottage Ford Street Presteigne 3 Bll Cottage, Ford Street, Presteigne, Powys, LD8 2W                      Authority: Environment Agency, Midlands Region                      Catchment Area: River Lugg                      Reference: Npewq000536                      Permit Version: 1                      Effective Date: 8th April 2008                      Issued Date: 8th April 2008                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: Unnamed Trib Of Lugg                      Status: <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	299	3	331654 264706
4	<p><b>Discharge Consents</b></p> <p>Operator: Mr A Lindsay                      Property Type: Domestic Property (Single)                      Location: 3 Bll Cottage Ford Street Presteigne, Ford Street, Presteigne, Powys, LD8 2W                      Authority: Environment Agency, Welsh Region                      Catchment Area: Lugg                      Reference: Npewq000536                      Permit Version: 1                      Effective Date: 8th April 2008                      Issued Date: 8th April 2008                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: Unnamed Trib Of Lugg                      Status: <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	299	3	331654 264706
5	<p><b>Discharge Consents</b></p> <p>Operator: Oldershaw K E                      Property Type: Retail Filling Stations                      Location: Presteigne Service Station                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw4002401                      Permit Version: 1                      Effective Date: 16th February 1971                      Issued Date: 16th February 1971                      Revocation Date: 27th July 1993                      Discharge Type: Unspecified                      Discharge: Not Supplied                      Environment:                      Receiving Water: Hindwell Brook                      Status: <b>Consent expired</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A135E (SE)	309	2	331700 264100
5	<p><b>Discharge Consents</b></p> <p>Operator: Development Board For Rural Wales                      Property Type: Undefined Or Other                      Location: Presteigne Ind Estate Henford                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw4002901                      Permit Version: 1                      Effective Date: 24th August 1979                      Issued Date: 24th August 1979                      Revocation Date: 6th March 1995                      Discharge Type: Unspecified                      Discharge: Not Supplied                      Environment:                      Receiving Water: Clatter Brook                      Status: <b>Consent expired</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	371	2	331520 264010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Wyvern Homes Ltd                      Property Type: Undefined Or Other                      Location: Caenbrook Meadow, Off Slough Road, Presteigne                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: An0132401                      Permit Version: 2                      Effective Date: 4th April 1989                      Issued Date: 4th April 1989                      Revocation Date: 24th September 1992                      Discharge Type: Unspecified                      Discharge: Not Supplied                      Environment:                      Receiving Water: Clatter Brook                      Status: <b>Consent expired</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	601	2	331100 264000
7	<p><b>Discharge Consents</b></p> <p>Operator: Wyvern Homes Ltd                      Property Type: Undefined Or Other                      Location: Caenbrook Meadow, Off Slough Road, Presteigne                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: An0132401                      Permit Version: 1                      Effective Date: 1st January 1901                      Issued Date: 1st January 1901                      Revocation Date: 3rd April 1989                      Discharge Type: Unspecified                      Discharge: Not Supplied                      Environment:                      Receiving Water: Clatter Brook                      Status: <b>Authorisation revoked</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	601	2	331100 264000
8	<p><b>Discharge Consents</b></p> <p>Operator: The Occupier                      Property Type: Sewage Disposal Works - Water Company                      Location: Presteigne (Knighton Rd) Stw                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw5000501                      Permit Version: 1                      Effective Date: 19th July 1962                      Issued Date: 19th July 1962                      Revocation Date: 29th April 1993                      Discharge Type: Unspecified                      Discharge: Not Supplied                      Environment:                      Receiving Water: Mill Stream                      Status: <b>Consent expired</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	619	2	331000 264700
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works - Water Company                      Location: Presteigne Saw Presteigne Powys, Presteigne, Wales                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw1005101                      Permit Version: 3                      Effective Date: 31st December 2005                      Issued Date: 6th March 2005                      Revocation Date: 30th March 2009                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	651	2	332230 264370



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works - Water Company                      Location: Presteigne Sww Presteigne Powys, Presteigne, Wales                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: AW1005101                      Permit Version: 2                      Effective Date: 10th November 1989                      Issued Date: 10th November 1989                      Revocation Date: 30th December 2005                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Not Supplied                      Environment:                      Receiving Water: River Lugg                      Status: <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A14SW (E)	651	2	332230 264370
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works - Water Company                      Location: Presteigne Sww Presteigne Powys, Presteigne, Wales                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw1005101                      Permit Version: 1                      Effective Date: 29th August 1981                      Issued Date: 29th August 1981                      Revocation Date: 9th November 1989                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Not Supplied                      Environment:                      Receiving Water: Lugg River                      Status: <b>Authorisation revoked</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	651	2	332230 264370
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works                      Location: Settled Storm Sewage from Presteigne Watw, R/O Clatterbroom Estate, Presteigne, LD8 2b                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: An0391701                      Permit Version: 2                      Effective Date: 27th May 2020                      Issued Date: 27th May 2020                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Sw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works                      Location: Presteigne Sww Clatterbroom, Presteigne, Powys                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Aw1005101                      Permit Version: 6                      Effective Date: 1st January 2010                      Issued Date: 26th June 2009                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works                      Location: Presteigne Sw Clatterbroom, Presteigne, Powys                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: Aw1005101                      Permit Version: 6                      Effective Date: 1st January 2010                      Issued Date: 26th June 2009                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works - Water Company                      Location: Presteigne Sw Clatterbroom, Presteigne, Powys                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw1005101                      Permit Version: 5                      Effective Date: 5th September 2006                      Issued Date: 5th June 2009                      Revocation Date: 31st December 2006                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works                      Location: Presteigne Sw Clatterbroom, Presteigne, Powys                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: An0391701                      Permit Version: 1                      Effective Date: 31st December 2005                      Issued Date: 16th December 2005                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Sw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: The River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works                      Location: Presteigne Sw Clatterbroom, Presteigne, Powys                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF NORTON BK TO CONF R ARROW                      Reference: An0391701                      Permit Version: 1                      Effective Date: 31st December 2005                      Issued Date: 16th December 2005                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Sw Storm Overflow/Storm Tank - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: The River Lugg                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Sewage Disposal Works - Water Company                      Location: Presteigne Stw Clatrobroom, Presteigne, Powys                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: Aw1005101                      Permit Version: 4                      Effective Date: 31st March 2008                      Issued Date: 16th December 2005                      Revocation Date: 4th September 2009                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: River Lugg                      Status: <b>Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	653	2	332232 264365
10	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig                      Property Type: Water Supply Grid                      Location: Warden                      Authority: Natural Resources Wales                      Catchment Area: Not Supplied                      Reference: An0209001                      Permit Version: 1                      Effective Date: 2nd October 1989                      Issued Date: 2nd October 1989                      Revocation Date: 14th March 1994                      Discharge Type: Unspecified                      Discharge: Not Supplied                      Environment:                      Receiving Water: Sockaway                      Status: <b>Consent expired</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	802	2	330800 264700
11	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs R Crutchley                      Property Type: Sewage Disposal Works - Water Company                      Location: Sunnydale, Wayside &amp; The Willows St, The Willows Stw Presteigne                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: An0270601                      Permit Version: 2                      Effective Date: 23rd August 1997                      Issued Date: 22nd August 1997                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: Mill Stream                      Status: <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	945	2	330900 265100
11	<p><b>Discharge Consents</b></p> <p>Operator: N Hawes                      Property Type: Sewage Disposal Works - Water Company                      Location: Sunnydale, Wayside &amp; The Willows St, The Willows Stw Presteigne                      Authority: Natural Resources Wales                      Catchment Area: River Wye                      Reference: An0270601                      Permit Version: 2                      Effective Date: 23rd August 1997                      Issued Date: 22nd August 1997                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: Mill Stream                      Status: <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	945	2	330900 265100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p><b>Discharge Consents</b></p> <p>Operator: T.J Layton                      Property Type: Sewage Disposal Works                      Location: Sunnyside, Wayside &amp; The Willows St, The Willows Stw Presteigne                      Authority: Natural Resources Wales                      Catchment Area: LUGG - CONF CASCOB BK TO CONF NORTON BK                      Reference: AN0270601                      Permit Version: 2                      Effective Date: 23rd August 1997                      Issued Date: 22nd August 1997                      Revocation Date: Not Supplied                      Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company                      Discharge: Freshwater Stream/River                      Environment:                      Receiving Water: Mill Stream                      Status: <b>Effective</b>                      Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	945	2	330900 265100
12	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Boom Pails Ltd                      Location: Boom Pails - Presteigne, Presteigne Mill, Leominster Road, Presteigne, Powys, LD8 2NH                      Authority: Natural Resources Wales                      Permit Reference: AP3433XY                      Original Permit Ref: Bp3433h                      Effective Date: 31st January 2008                      Status: <b>Surrender Effective</b>                      Application Type: Surrender                      App. Sub Type: Whole                      Positional Accuracy: Manually positioned to the address or location                      Activity Code: 6.8 A(1) (D) (I)                      Activity Description: Animal, Vegetable &amp; Food, Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day                      Primary Activity: Y</p>	A8NE (SE)	930	2	332400 263939
13	<p><b>Local Authority Integrated Pollution Prevention And Control</b></p> <p>Name: Kaye Engineering                      Location: Harper Street, Presteigne, Powys                      Authority: Powys County Council, Public Protection Department                      Permit Reference: PPC 8 A2                      Dated: Not Supplied                      Process Type: Production and Processing of Metals                      Description: Non-ferrous metals                      Status: <b>Permit Issued</b>                      Positional Accuracy: Manually positioned to the address or location</p>	A13NE (NE)	13	4	331581 264418
14	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Kaye Engineering                      Location: Harpers Lane, PRESTEIGNE, Powys, LD8 2AL                      Authority: Powys County Council, Public Protection Department                      Permit Reference: PPC 8 A2(A)                      Dated: 30th March 1993                      Process Type: Local Authority Pollution Prevention and Control                      Description: PG24 Iron, steel and non-ferrous metal foundry processes                      Status: <b>Transferred to LAPPC</b>                      Positional Accuracy: Manually positioned to the address or location</p>	A13NE (NE)	13	4	331581 264418
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Jacques Hall &amp; Co                      Location: Industrial Estate, Presteigne, Powys, LD8 2UF                      Authority: Powys County Council, Public Protection Department                      Permit Reference: EPA1/7                      Dated: 15th July 1998                      Process Type: Local Authority Air Pollution Control                      Description: PG52 Manufacture of timber and wood-based products                      Status: <b>Application Withdrawn</b>                      Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SW (SW)	362	4	331378 264070
16	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Countrywide Farmers                      Location: Presteigne Mill, Leominster Road, PRESTEIGNE, Powys, LD8 2HG                      Authority: Powys County Council, Public Protection Department                      Permit Reference: EPA 16/6                      Dated: 30th September 1992                      Process Type: Local Authority Pollution Prevention and Control                      Description: PG626 Animal feed compounding                      Status: <b>Transferred to IPPC</b>                      Positional Accuracy: Manually positioned to the address or location</p>	A8NE (SE)	923	4	332406 263978
	<p><b>Nearest Surface Water Feature:</b></p>	A13NE (E)	72	-	331641 264427

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: PRESTEIGNE                      Authority: Environment Agency, Welsh Region                      Pollutant: Chemicals - Other Inorganic                      Note: Blockage; Tributary River Lugg                      Incident Date: 20th July 1998                      Incident Reference: 36401                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Overflow                      Incident Severity: Category 2 - Significant Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13SE (E)	26	3	331605 264395
18	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: K Alloys, PRESTEIGNE                      Authority: Environment Agency, Welsh Region                      Pollutant: Mud/Clay/Soil                      Note: Not Supplied                      Incident Date: 3rd June 1996                      Incident Reference: 28700                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13SE (E)	121	3	331700 264395
18	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Waste Handling Facilities                      Location: Upon Foid Farm, From Kayes Factory                      Authority: Environment Agency, Welsh Region                      Pollutant: Unknown                      Note: Poor Operational Practise                      Incident Date: 27th March 1992                      Incident Reference: 3409                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Runoff                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	121	3	331700 264400
18	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: PRESTEIGNE                      Authority: Environment Agency, Welsh Region                      Pollutant: Mud/Clay/Soil                      Note: Not Supplied                      Incident Date: 3rd June 1996                      Incident Reference: 28700                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13SE (E)	126	3	331705 264395
19	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Kay's Factory                      Authority: Environment Agency, Welsh Region                      Pollutant: Algae                      Note: Not Supplied                      Incident Date: 21st July 1992                      Incident Reference: 4818                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	124	3	331600 264540
20	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Location Description Not Available                      Authority: Environment Agency, Welsh Region                      Pollutant: Oude Sewage                      Note: Not Supplied                      Incident Date: 11th August 1985                      Incident Reference: 25621                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	201	3	331750 264500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Waste Handling Facilities                      Location: Location Description Not Available                      Authority: Environment Agency, Welsh Region                      Pollutant: Oils - Diesel (Including Agricultural)                      Note: Neglect                      Incident Date: 9th January 1996                      Incident Reference: 27107                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Spillage                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	245	3	331800 264495
20	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Adjacent His Land, Below Kaye, PRESTEIGNE                      Authority: Environment Agency, Welsh Region                      Pollutant: Unknown                      Note: Not Supplied                      Incident Date: 9th January 1996                      Incident Reference: 27107                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	247	3	331800 264500
20	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Location Description Not Available                      Authority: Environment Agency, Welsh Region                      Pollutant: Oils - Diesel (Including Agricultural)                      Note: Neglect                      Incident Date: 9th January 1996                      Incident Reference: 27107                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Spillage                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	248	3	331805 264495
21	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Storm Overflow                      Location: 20 Yards Up Stream Of River Bridge                      Authority: Environment Agency, Welsh Region                      Pollutant: Agricultural Carcasses                      Note: Blocked Sewer                      Incident Date: 31st July 1995                      Incident Reference: 25620                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Overflow                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	226	3	331750 264350
22	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Down Stream From Lugg View Housing Estab, PRESTEIGNE                      Authority: Environment Agency, Welsh Region                      Pollutant: Cude Sewage                      Note: Not Supplied                      Incident Date: 28th March 1991                      Incident Reference: 311                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 2 - Significant Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	250	3	331750 264200
23	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Bottom Of Station Road, PRESTEIGNE                      Authority: Environment Agency, Welsh Region                      Pollutant: Oils - Diesel (Including Agricultural)                      Note: Not Supplied                      Incident Date: 6th March 1996                      Incident Reference: 35229                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Unknown                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A13SW (W)	273	3	331300 264300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Downstream Of, Road Bridge Area            Authority: Environment Agency, Welsh Region            Pollutant: Sullage            Note: Not Supplied            Incident Date: 17th June 1996            Incident Reference: 28835            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Overflow            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	365	3	331800 264700
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage Surface Water Outfall            Location: Slough Lane, PRESTEIGNE            Authority: Environment Agency, Welsh Region            Pollutant: Sewage - Septic Tank Effluent            Note: Not Supplied            Incident Date: 12th November 1991            Incident Reference: 211            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Direct Discharge            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A6NW (S)	396	3	331450 264000
26	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Agricultural Carcasses            Note: Not Supplied            Incident Date: 15th March 1996            Incident Reference: 22980            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	795	3	330800 264650
27	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Private Sewage (Non-PLC) Other            Location: Picnic Site, Douthbrook Road, PRESTEIGNE            Authority: Environment Agency, Welsh Region            Pollutant: Sewage - Treated Effluent            Note: Not Supplied            Incident Date: 27th July 1995            Incident Reference: 25543            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	672	3	330001 264990
27	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Private Sewage (Non-PLC) Other            Location: Picnic Area, Between Two, Weir            Authority: Environment Agency, Welsh Region            Pollutant: Sullage            Note: Not Supplied            Incident Date: 27th July 1995            Incident Reference: 25543            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	875	3	330901 265001
	<p><b>River Quality</b></p> <p>Name: Lugg            OQA Grade: Not Supplied            Reach: Prestelgno Sw Off - Conf. Casob BK.            Estimated Distance (km): 4.7            Flow Rate: Flow less than 2.5 cumecs.            Flow Type: River            Year: 2000.</p>	A13NE (N)	232	3	331634 264642

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Lugg GQA Grade: Not Supplied Reach: Conf.Hindwell Bk. - Presteigne Stw O/F Estimated Distance (km): 5.7 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A14NW (E)	586	3	332162 264447
	<b>River Quality</b> Name: Norton Bk. GQA Grade: Not Supplied Reach: Conf.Lugg - Conf.US Norton Estimated Distance (km): 2.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A17NE (NW)	802	3	331034 265154
28	<b>River Quality Biology Sampling Points</b> Name: Lugg Reach: 350m Upstream OF L. Kinsham Briver To Middlemoor Estimated Distance: 3.00 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 1995 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade A - Very Good	A14NW (E)	621	3	332200 264400
29	<b>River Quality Biology Sampling Points</b> Name: Lugg Reach: Middlemoor Weir To Boultonbrook Weir Estimated Distance: 1.70 Positional Accuracy: Approximate location provided by supplier Year: 1990 GQA Grade: River Quality Biology GQA Grade B - Good Year: 1995 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade A - Very Good	A17SE (NW)	804	3	331000 265000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<p><b>Water Abstractions</b></p> <p>Operator: Kaye Prestinge            Licence Number: 19558/0030            Permit Version: 102            Location: Borehole At Kaye Alloy Castings            Authority: Environment Agency, Welsh Region            Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss)            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: 12th September 2006            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	48	3	331610 264350
30	<p><b>Water Abstractions</b></p> <p>Operator: J L French Uk Ltd            Licence Number: 19558/0030            Permit Version: 101            Location: Borehole At Kaye Alloy Castings            Authority: Environment Agency, Welsh Region            Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss)            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 December 1999            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	48	3	331610 264350
31	<p><b>Water Abstractions</b></p> <p>Operator: Kaye Prestinge            Licence Number: 19558/0030            Permit Version: 102            Location: Well At Kaye Alloy Castings            Authority: Environment Agency, Welsh Region            Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss)            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: 12th September 2006            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	49	3	331610 264440
31	<p><b>Water Abstractions</b></p> <p>Operator: J L French Uk Ltd            Licence Number: 19558/0030            Permit Version: 101            Location: Well At Kaye Alloy Castings            Authority: Environment Agency, Welsh Region            Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss)            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 December 1999            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	49	3	331610 264440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<p><b>Water Abstractions</b></p> <p>Operator: Messrs D L Rogers &amp; Sons            Licence Number: 1955/6/0191            Permit Version: 100            Location: River Lugg Reach Near Middlemoor            Authority: Environment Agency, Welsh Region            Abstraction: General Agriculture: Spray Irrigation - Direct            Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints            Source: Surface            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Not Supplied            Authorised Start: 01 April            Authorised End: 30 September            Permit Start Date: 1st July 2004            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	804	3	332380 264310
32	<p><b>Water Abstractions</b></p> <p>Operator: Messrs D L Rogers &amp; Sons            Licence Number: 1955/6/0191            Permit Version: 100            Location: River Lugg Reach Near Middlemoor            Authority: Natural Resources Wales            Abstraction: General Agriculture: Spray Irrigation - Direct            Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints            Source: Surface            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: R.Lugg            Authorised Start: 01 April            Authorised End: 30 September            Permit Start Date: 1st July 2004            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	804	2	332380 264310
	<p><b>Water Abstractions</b></p> <p>Operator: Mr I Bennett            Licence Number: 1955/6/0205            Permit Version: 100            Location: River Lugg Near Boulbrooke Bridge            Authority: Natural Resources Wales            Abstraction: Aquaculture: Fish Farm/Cross 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: River Lugg            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 1st April 2006            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A22SW (NW)	1381	2	330680 265470
	<p><b>Water Abstractions</b></p> <p>Operator: Ieuan Heath Bennett            Licence Number: 1955/6/0205            Permit Version: Not Supplied            Location: Abstraction From River Lugg Near Boulbrooke Bridge            Authority: Natural Resources Wales            Abstraction: Aquaculture: Fish Farm/Cross 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: Not Supplied            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: Not Supplied            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A22SW (NW)	1381	2	330680 265470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Mr J Banton                      Licence Number: 1955/6/0153                      Permit Version: 100                      Location: Spring At Brook House                      Authority: Environment Agency, Welsh Region                      Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing (Small Garden)                      Abstraction Type: Water may be abstracted from a single point                      Source: Surface                      Daily Rate (m<sup>3</sup>): Not Supplied                      Yearly Rate (m<sup>3</sup>): Not Supplied                      Details: Status: Revoked; Lapsed Or Cancelled                      Authorised Start: 01 January                      Authorised End: 31 December                      Permit Start Date: 4th July 1994                      Permit End Date: Not Supplied                      Positional Accuracy: Located by supplier to within 100m</p>	A24NW (NE)	1531	3	332200 265800
	<p><b>Water Abstractions</b></p> <p>Operator: Rogers &amp; Sons                      Licence Number: 1955/6/0191                      Permit Version: Not Supplied                      Location: Location Description Not Available                      Authority: Environment Agency, Welsh Region                      Abstraction: General Agriculture: Spray Irrigation - Direct                      Abstraction Type: Not Supplied                      Source: Surface                      Daily Rate (m<sup>3</sup>): 545                      Yearly Rate (m<sup>3</sup>): 164283                      Details: Back Brook; 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</p>	(E)	1714	3	333290 264200
	<p><b>Water Abstractions</b></p> <p>Operator: Messrs D L Rogers &amp; Sons                      Licence Number: 1955/6/0191                      Permit Version: 100                      Location: Hindwell Brook Reach Near Upper Broad Heath                      Authority: Environment Agency, Welsh Region                      Abstraction: General Agriculture: Spray Irrigation - Direct                      Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints                      Source: Surface                      Daily Rate (m<sup>3</sup>): Not Supplied                      Yearly Rate (m<sup>3</sup>): Not Supplied                      Details: Not Supplied                      Authorised Start: 01 April                      Authorised End: 30 September                      Permit Start Date: 1st July 2004                      Permit End Date: Not Supplied                      Positional Accuracy: Located by supplier to within 10m</p>	ASNE (SE)	1940	3	330040 260110
	<p><b>Water Abstractions</b></p> <p>Operator: Messrs D L Rogers &amp; Sons                      Licence Number: 1955/6/0191                      Permit Version: 100                      Location: Hindwell Brook Reach Near Upper Broad Heath                      Authority: Natural Resources Wales                      Abstraction: General Agriculture: Spray Irrigation - Direct                      Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints                      Source: Surface                      Daily Rate (m<sup>3</sup>): Not Supplied                      Yearly Rate (m<sup>3</sup>): Not Supplied                      Details: Hindwell Brook; Status: Revoked; Lapsed Or Cancelled                      Authorised Start: 01 April                      Authorised End: 30 September                      Permit Start Date: 1st July 2004                      Permit End Date: Not Supplied                      Positional Accuracy: Located by supplier to within 100m</p>	ASNE (SE)	1940	2	330040 260110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: High	A13NE (E)	0	5	331565 264400
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: High	A13NE (E)	0	2	331565 264400
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A13NE (E)	0	2	331565 264400
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	0	2	331565 264421
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	184	2	331726 264314
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	214	3	331653 264616
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	2	2	331567 264421
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	122	2	331604 264536
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	214	3	331653 264616
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 141.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (E)	72	6	331641 264427
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 51.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	181	6	331695 264546
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 430.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A13NE (NE)	212	6	331698 264612
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A13NE (NE)	231	6	331723 264589
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 397.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	242	6	331705 264618
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 182.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clatter Brook Catchment Name: Wye Primacy: 1	A13SE (SE)	245	6	331777 264241
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 137.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clatter Brook Catchment Name: Wye Primacy: 1	A13SE (E)	256	6	331822 264302
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 200.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clatter Brook Catchment Name: Wye Primacy: 1	A13SE (SE)	266	6	331713 264196
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 315.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A13NE (NE)	277	6	331789 264595



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 2	A13NW (NW)	336	6	331394 264711
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A13NW (NW)	337	6	331397 264713
44	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13SE (SE)	338	6	331885 264244
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13SE (SE)	346	6	331892 264243
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: Underground Permanent: True Watercourse Name: Clatter Brook Catchment Name: Wye Primacy: 1	A8NE (S)	354	6	331583 264025
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 476.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A13NW (NW)	366	6	331383 264727
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 322.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clatter Brook Catchment Name: Wye Primacy: 1	A6NW (S)	358	6	331559 264020
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clatter Brook Catchment Name: Wye Primacy: 1	A148W (E)	376	6	331949 264319
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 189.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	379	6	331532 264798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 127.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	380	6	331548 264801
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Clater Brook Catchment Name: Wye Primacy: 1	A14SW (E)	399	6	331978 264399
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 287.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clater Brook Catchment Name: Wye Primacy: 1	A14SW (E)	401	6	331990 264372
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 398.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clater Brook Catchment Name: Wye Primacy: 1	ABNW (SW)	486	6	331248 264012
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	ABNW (SW)	486	6	331248 264012
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 139.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	488	6	331400 264990
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 82.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	ABNW (SW)	497	6	331243 264002
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 148.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	519	6	331976 264738
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 361.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14NW (NE)	538	6	332058 264637

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 63.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A6NW (SW)	594	6	331240 263919
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 166.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14SW (E)	594	6	332149 264221
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 96.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	610	6	331342 264068
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A17SE (NW)	613	6	331109 264840
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A17SE (NW)	613	6	331130 264860
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 406.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A17SE (NW)	618	6	331128 264898
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 254.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A17SE (NW)	618	6	331128 264866
67	<b>OS Water Network Lines</b> Watercourse Form: Marsh Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NE (SW)	621	6	331214 263897
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14NW (E)	628	6	332206 264416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14NW (E)	628	6	332208 264416
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 58.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 2	A14NW (E)	631	6	332209 264433
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 175.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14SW (E)	636	6	332203 264261
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 176.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SW (E)	640	6	332222 264392
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1093.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NE (SW)	652	6	331186 263860
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 639.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A15NW (N)	667	6	331371 265090
75	<b>OS Water Network Lines</b> Watercourse Form: Marsh Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14SE (E)	757	6	332308 264180
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 42.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 2	A14SE (E)	779	6	332356 264319
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 39.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	782	6	332360 264366



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	793	6	332359 264315
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 97.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NW (SW)	798	6	330872 263987
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 359.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clater Brook Catchment Name: Wye Primacy: 1	A7NW (SW)	798	6	330872 263987
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	799	6	332379 264376
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 2	A14SE (E)	799	6	332379 264376
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	799	6	332379 264376
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 297.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14SE (E)	800	6	332354 264163
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	811	6	332390 264361
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 2	A14SE (E)	811	6	332390 264361

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 42.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	816	6	332395 264399
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 2	A14SE (E)	816	6	332395 264399
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 355.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Norton Brook Catchment Name: Wye Primacy: 1	A17SE (NW)	825	6	331044 265066
90	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NE (SW)	828	6	330896 263893
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 266.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NE (SW)	834	6	330894 263886
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14NE (E)	836	6	332418 264402
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 159.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A17SE (NW)	843	6	331012 265062
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 352.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A14SE (E)	844	6	332423 264371
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 884.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A17SW (NW)	918	6	330725 264818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A17NE (NW)	984	6	330027 265176
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lugg Catchment Name: Wye Primacy: 1	A17NE (NW)	988	6	330025 265180
98	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14NE (E)	990	6	332575 264425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	<b>BGS Recorded Landfill Sites</b> Site Name: Incineration Buildings Location: Mill Lane, PRESTLEIGNE, Radnorshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A13NW (NW)	354	-	331327 264689
100	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Mill Lane, Prestleigne, Radnorshire Name: Mill Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14026 First Input Date: 31st December 1965 Last Input Date: 31st December 1975 Specified Waste: Deposited Waste included Inert, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 65500042 BGS Ref: 1467 Other Ref: CS1318	A13NW (NW)	354	2	331327 264689
	<b>Local Authority Landfill Coverage</b> Name: Powys County Council - Has supplied landfill data		0	7	331565 264400
	<b>Local Authority Landfill Coverage</b> Name: Herefordshire Council - Has not been able to supply Landfill data		212	8	331694 264613
101	<b>Local Authority Recorded Landfill Sites</b> Location: Mill Lane Reference: CS1318 Authority: Powys County Council Last Reported: Unknown Status: Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A18SW (NW)	433	7	331313 264776
102	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NW Use: Unknown Filled Ground (Pt, quarry etc) Date of Mapping: 1991	A13NW (NW)	417	-	331270 264723
103	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NW Use: Unknown Filled Ground (Pt, quarry etc) Date of Mapping: 1991	A17SW (NW)	796	-	330834 264763
104	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A18SW (N)	328	-	331498 264742
105	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13NW (NW)	355	-	331339 264699
106	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A18SE (NE)	509	-	331797 264873
107	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A6NW (S)	552	-	331512 263829
108	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A12NW (W)	723	-	330826 264430
109	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A17SE (NW)	811	-	330994 265005
110	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8SE (S)	811	-	331799 263831



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A12NW (W)	830	-	330744 264814
112	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A9NE (SE)	886	-	332321 263001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Midland Shire Farmers Ltd                      Location: Presteigne Mill, Loominster Road, PRESTEIGNE, Powys, LD8 2HG                      Reference: Not Supplied                      Type: Lower Tier                      Status: <b>Record Ceased To Be Supplied Under COMAH Regulations</b>                      Positional Accuracy: Automatically positioned to the address</p>	ASNE (SE)	922	9	332409 263985
114	<p><b>Notification of Installations Handling Hazardous Substances (NIHS)</b></p> <p>Name: Midland Shire Farmers Ltd                      Location: Presteigne Mill, Loominster Road, PRESTEIGNE, Powys, LD8 2HG                      Status: <b>Not Active</b>                      Positional Accuracy: Automatically positioned to the address</p>	ASNE (SE)	924	9	332409 263980
115	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: M F S Gas Ltd                      Location: Midlands Shire Farmers Ltd, Presteigne Mill, Loominster Road, Presteigne, Powys, LD8 2HG                      Authority: Powys County Council, Planning Department                      Application Ref: Hsu/1                      Hazardous Substance: Part C, Flammable Substance (Not in Parts A&amp;B). Gas or gases flammable in air, when held as a gas, where amount held is &gt;= 150kg                      Maximum Quantity: 100                      Application date: 14th September 1992                      Decision: <b>Deemed consent granted between June 1992 and November 1992</b>                      Positional Accuracy: Manually positioned to the address or location</p>	ASNE (SE)	922	10	332409 263985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Wenlock Rocks (Undifferentiated)	A13NE (E)	0	1	331565 264400
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	0	1	331565 264400
116	<b>BGS Recorded Mineral Sites</b> Site Name: Warden Location: Presteigne, Powys Source: British Geological Survey, National Geoscience Information Service Reference: 100790 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Silurian Geology: Wenlock Rocks (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	462	1	331067 264417
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	169	1	331648 264568
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	169	1	331648 264568
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	169	1	331648 264568
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	331565 264400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>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).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (E)	0	1	331565 264400
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions.</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (E)	0	1	331565 264400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	<b>Contemporary Trade Directory Entries</b> Name: K Presteigne Location: Hapers Lane, PRESTEIGNE, Powys, LD8 2AN Classification: Die-Casting Equipment & Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	47	-	331587 264336
118	<b>Contemporary Trade Directory Entries</b> Name: Kaye Presteigne Ltd Location: Hapers Street, Presteigne, Powys, LD8 2AH Classification: Tungsten Tool Manufacturers & Distributors Status: <b>Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A13NW (N)	50	-	331547 264467
119	<b>Contemporary Trade Directory Entries</b> Name: Artisan Print Location: 3, Hereford Street, Presteigne, Powys, LD8 2AW Classification: Printers Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	110	-	331456 264363
119	<b>Contemporary Trade Directory Entries</b> Name: W R Crowe & Son Location: Millfield House, Hereford Street, Presteigne, Powys, LD8 2AT Classification: Printers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	131	-	331433 264362
120	<b>Contemporary Trade Directory Entries</b> Name: G J Bennett Location: Rat 1, Mansion House, High Street, Presteigne, Powys, LD8 2BE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (W)	200	-	331353 264455
121	<b>Contemporary Trade Directory Entries</b> Name: Clearburn Stoves Location: 32, High Street, Presteigne, Powys, LD8 2BE Classification: Woodburning Stoves Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	250	-	331314 264510
122	<b>Contemporary Trade Directory Entries</b> Name: Autoworks Location: Station Road, Presteigne, LD8 2DU Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	278	-	331378 264174
122	<b>Contemporary Trade Directory Entries</b> Name: Seconds & Co Location: Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Insulation Materials Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	311	-	331349 264157
122	<b>Contemporary Trade Directory Entries</b> Name: Seconds & Co Location: Presteigne Industrial Estate, PRESTEIGNE, Powys, LD8 2UF Classification: Insulation Materials Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	311	-	331349 264157
122	<b>Contemporary Trade Directory Entries</b> Name: Progressive Products Location: Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Insulation Materials Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	311	-	331349 264157
123	<b>Contemporary Trade Directory Entries</b> Name: Mengel Health Location: Unit 2, Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Medical Equipment Manufacturers Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (S)	315	-	331461 264082
123	<b>Contemporary Trade Directory Entries</b> Name: Agri Location: Unit 10, Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Agricultural Merchants Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A6NW (S)	351	-	331467 264042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<b>Contemporary Trade Directory Entries</b> Name: Linton Services Ltd Location: Presteigne Industrial Estate, Presteigne, LD8 2UF Classification: Heating Equipment - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	ABNW (S)	357	-	331467 264036
124	<b>Contemporary Trade Directory Entries</b> Name: Presteigne Service Station Location: High Street, Presteigne, Powys, LD8 2BE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	331	-	331257 264059
124	<b>Contemporary Trade Directory Entries</b> Name: Forest Hill Tyres Location: Broadaxe, Presteigne, Powys, LD8 2LA Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	346	-	331229 264544
125	<b>Contemporary Trade Directory Entries</b> Name: Dagon Mouldings Location: 3, Mill Lane, Presteigne, Powys, LD8 2DA Classification: Coating Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	368	-	331292 264677
125	<b>Contemporary Trade Directory Entries</b> Name: David Bamford Handmade Carpets Ltd Location: The Workhouse, Presteigne Industrial Estate, Presteigne, LD8 2UF Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	ABNW (SW)	378	-	331397 264041
125	<b>Contemporary Trade Directory Entries</b> Name: Simon Hole Location: Unit 1, Morgan Building, Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	ABNW (SW)	396	-	331353 264045
125	<b>Contemporary Trade Directory Entries</b> Name: Presteigne Tyre Services Location: Unit 2, Morgan Building, Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	ABNW (SW)	401	-	331344 264046
127	<b>Contemporary Trade Directory Entries</b> Name: Medcrop Location: Unit 10, Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	366	-	331310 264090
128	<b>Contemporary Trade Directory Entries</b> Name: Telecym Labtech Location: Broadaxe Business Park, Presteigne, LD8 2UH Classification: Printed Circuit Services Status: Inactive Positional Accuracy: Automatically positioned to the address	ABNW (S)	393	-	331524 263988
129	<b>Contemporary Trade Directory Entries</b> Name: W J Taylor & Sons Ltd Location: The Bell, Scofieldon Street, Presteigne, Powys, LD8 2BG Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	398	-	331222 264641
130	<b>Contemporary Trade Directory Entries</b> Name: P T M Services Location: Morgan Buildings, Presteigne Industrial Estate, Presteigne, Powys, LD8 2UF Classification: Agricultural Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	ABNW (SW)	448	-	331278 264036

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	<b>Contemporary Trade Directory Entries</b> Name: Steam Proud Location: 17, Caenbrook Meadow, Presteigne, Powys, LD8 2NE Classification: Steam Cleaning Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	486	-	331170 264098
132	<b>Contemporary Trade Directory Entries</b> Name: Presteigne Building Supplies Ltd Location: Unit 4, Broadlee Business Park, Presteigne, LD8 2UH Classification: Builders' Merchants Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A6NW (S)	488	-	331463 263902
133	<b>Contemporary Trade Directory Entries</b> Name: Wildgoose & Davies Ltd Location: Greenfield Road, Presteigne, Powys, LD8 2AY Classification: Automation Systems & Equipment Status: <b>Active</b> Positional Accuracy: Manually positioned to the address or location	A6NW (SE)	599	-	332021 263902
134	<b>Contemporary Trade Directory Entries</b> Name: Home Proud Location: 21, Warden Close, Presteigne, Powys, LD8 2DH Classification: Cleaning Services - Domestic Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	762	-	330829 264663
135	<b>Contemporary Trade Directory Entries</b> Name: Countrywide Farmers Location: Krieham, PRESTEIGNE, Powys, LD8 2HN Classification: Agricultural Merchants Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A6NE (SE)	920	-	332426 264004
136	<b>Fuel Station Entries</b> Name: Presteigne Service Station Location: High Street, Presteigne, Powys, LD8 2BE Brand: Pace Premises Type: Petrol Station Status: <b>Open</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	331	-	331258 264570
137	<b>Points of Interest - Commercial Services</b> Name: Roger V Cole Electrical Supplies Location: 11 High Street, Presteigne, LD8 2BA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	177	11	331379 264462
138	<b>Points of Interest - Commercial Services</b> Name: Autoworks Location: Station Road, Presteigne, LD8 2DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	285	11	331379 264164
138	<b>Points of Interest - Commercial Services</b> Name: Autoworks Location: Station Road, Presteigne, LD8 2DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	285	11	331379 264164
139	<b>Points of Interest - Commercial Services</b> Name: Presteigne Service Station Location: Presteigne Service Station, High Street, Presteigne, LD8 2BE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	331	11	331257 264570
139	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Presteigne Service Station, High Street, Presteigne, LD8 2BE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	331	11	331257 264569
139	<b>Points of Interest - Commercial Services</b> Name: B W Roberts & Son Ltd Location: Presteigne Service Station, High Street, Presteigne, LD8 2BE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	332	11	331256 264569



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	<b>Points of Interest - Commercial Services</b> Name: Forest Hill Tynes Location: Unit 1 Morgan Building, Presteigne Industrial Estate, Presteigne, LD8 2UF Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	ABNW (SW)	396	11	331353 264045
141	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: LDB Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	50	11	331575 264329
141	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	51	11	331580 264329
142	<b>Points of Interest - Manufacturing and Production</b> Name: E E Breeze Location: Broad Street, Presteigne, LD8 2AF Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NE (NE)	140	11	331663 264537
142	<b>Points of Interest - Manufacturing and Production</b> Name: E E Breeze Location: The Fold Farm, Broad Street, Presteigne, LD8 2AF Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NE (NE)	149	11	331631 264556
143	<b>Points of Interest - Manufacturing and Production</b> Name: Presteigne Industrial Estate Location: LDB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	367	11	331378 264064
143	<b>Points of Interest - Manufacturing and Production</b> Name: Presteigne Industrial Estate Location: LDB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	396	11	331322 264067
143	<b>Points of Interest - Manufacturing and Production</b> Name: Alstons Location: Unit 4 Morgan Building, Presteigne Industrial Estate, Presteigne, LD8 2UF Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	ABNW (SW)	410	11	331324 264048
144	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	402	11	331285 264716
144	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LDB Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16SW (NW)	452	11	331267 264758
145	<b>Points of Interest - Manufacturing and Production</b> Name: Broadaxe Business Park Location: LDB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	ABNW (S)	468	11	331545 263910
146	<b>Points of Interest - Manufacturing and Production</b> Name: Parc Busnes Broadaxe / Broadaxe Business Park Location: LDB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	ABNW (SW)	540	11	331306 263906



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	629	11	332141 264104
147	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: LD8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	630	11	332164 264154
147	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	631	11	332143 264104
147	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	634	11	332146 264103
147	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	637	11	332149 264102
147	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: LD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	639	11	332149 264097
148	<b>Points of Interest - Manufacturing and Production</b> Name: Solar Panels Location: LD8 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	837	11	331783 265229
148	<b>Points of Interest - Public Infrastructure</b> Name: Presteigne Fire Station Location: Back Lane, Presteigne, LD6 Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	10	11	331593 264303
148	<b>Points of Interest - Public Infrastructure</b> Name: Presteigne Police Station Location: Hereford Street, Presteigne, LD6 2AR Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	96	11	331517 264298
150	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	262	11	331770 264584
150	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	263	11	331771 264585
151	<b>Points of Interest - Public Infrastructure</b> Name: Presteigne Service Station Location: Presteigne Service Station, High Street, Presteigne, LD6 2BE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	331	11	331257 264569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	<b>Points of Interest - Public Infrastructure</b> Name: Presteigne Service Station Location: High Street, Presteigne, LD8 2BE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	331	11	331257 264569
151	<b>Points of Interest - Public Infrastructure</b> Name: Presteigne Service Station Location: Presteigne Service Station, High Street, Presteigne, LD8 2BE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	331	11	331257 264570
151	<b>Points of Interest - Public Infrastructure</b> Name: B W Roberts & Son Ltd Location: Presteigne Service Station, High Street, Presteigne, LD8 2BE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	332	11	331256 264568
152	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	443	11	331322 264009
153	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: LD8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A6NW (S)	465	11	331453 263928
154	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: LD8 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A6NW (SE)	561	11	331060 263974
154	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: LD8 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A6NW (SE)	601	11	332010 263968
154	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A6NW (SE)	606	11	332021 263972
155	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	597	11	331148 264855
155	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	599	11	331144 264856
156	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Works Location: LD8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SW (SE)	602	11	332130 264145
156	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Works Location: LD8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	626	11	332162 264159

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: LD8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	881	11	330847 264912
158	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	881	11	330983 265088
158	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	882	11	330976 265094
158	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: LD8 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	939	11	331858 265313
159	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	948	11	331874 265315
160	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	963	11	332542 264406
160	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	970	11	332548 264428
160	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	970	11	332549 264408
160	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	980	11	332558 264430
161	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	992	11	331137 265316
162	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Joe Deakins Road (Heel Joe Deakins), LD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SW (SW)	216	11	331431 264211
162	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	219	11	331430 264207



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Orchard Close, LD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SE (SE)	250	11	331717 264178
163	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	250	11	331724 264178
164	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	798	11	330881 264771
164	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Knighton Road, LD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SW (NW)	799	11	330872 264778
165	<b>Points of Interest - Recreational and Environmental</b> Name: Skatepark Location: LD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	819	11	330905 264920



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	<b>Ancient Woodland</b> Name: Not Supplied Reference: 23387 Area(m <sup>2</sup> ): 23385.29 Type: Restored Ancient Woodland Site	A12SE (W)	646	2	330005 264355
167	<b>Ancient Woodland</b> Name: Not Supplied Reference: 11717 Area(m <sup>2</sup> ): 29106.5 Type: Restored Ancient Woodland Site	A12SW (W)	704	2	330021 264182
168	<b>Ancient Woodland</b> Name: Not Supplied Reference: 30668 Area(m <sup>2</sup> ): 40942.56 Type: Plantation on Ancient Woodland	A8SW (S)	816	2	331368 263587
169	<b>Ancient Woodland</b> Name: Not Supplied Reference: 40615 Area(m <sup>2</sup> ): 599549.76 Type: Plantation on Ancient Woodland	A8SW (S)	819	2	331479 263564
170	<b>Ancient Woodland</b> Name: Not Supplied Reference: 10559 Area(m <sup>2</sup> ): 15489.88 Type: Ancient and Semi-Natural Woodland	A8SW (S)	819	2	331482 263544
171	<b>Ancient Woodland</b> Name: Not Supplied Reference: 7602 Area(m <sup>2</sup> ): 8103.69 Type: Ancient and Semi-Natural Woodland	A8SW (S)	852	2	331551 263526
172	<b>Ancient Woodland</b> Name: Not Supplied Reference: 11593 Area(m <sup>2</sup> ): 68.01 Type: Restored Ancient Woodland Site	A8SW (S)	903	2	331469 263481
173	<b>Ancient Woodland</b> Name: Not Supplied Reference: 40930 Area(m <sup>2</sup> ): 3418.38 Type: Plantation on Ancient Woodland	A7SE (SW)	909	2	331157 263567
174	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1504365 Area(m <sup>2</sup> ): 12900.48 Type: Plantation on Ancient Woodland	A18NW (N)	1000	12	331345 265397
175	<b>Environmentally Sensitive Areas</b> Name: Radnor (decommissioned) Multiple Areas: N Total Area (m <sup>2</sup> ): 1001560260 Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)	A13NE (E)	0	13	331565 264400
176	<b>Sites of Special Scientific Interest</b> Name: River Lugg Multiple Areas: Y Total Area (m <sup>2</sup> ): 306024.67 Source: Natural Resources Wales Reference: 128032wde Designation Details: Biological Designation Date: 2nd February 1995 Date Type: Notified	A13NE (N)	200	2	331943 264609

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	<p><b>Sites of Special Scientific Interest</b></p> <p>Name: River Lugg                      Multiple Areas: N                      Total Area (m2): 1424317.78                      Source: Natural England                      Reference: 1006816                      Designation Details: Local Wildlife Site                      Designation Date: 2nd February 1995                      Date Type: Notified                      Designation Details: Special Area Of Conservation                      Designation Date: 2nd February 1995                      Date Type: Notified                      Designation Details: Site Of Special Scientific Interest                      Designation Date: 2nd February 1995                      Date Type: Notified                      Designation Details: Water Framework Directive (WFD)                      Designation Date: 2nd February 1995                      Date Type: Notified</p>	A13NE (N)	205	12	331644 264509

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Natural Resources Wales Powys County Council - Public Protection Department Herefordshire Council - Environmental Health Department	June 2020 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Midlands Region Natural Resources Wales Environment Agency - Welsh Region	April 2021 April 2021 August 2014	Quarterly Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Midlands Region Environment Agency - Welsh Region	March 2013 March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Midlands Region Environment Agency - Welsh Region	January 2009 January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Midlands Region Natural Resources Wales Environment Agency - Welsh Region	April 2021 April 2021 January 2021	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Herefordshire Council - Environmental Health Department Powys County Council - Public Protection Department	August 2014 May 2014	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Herefordshire Council - Environmental Health Department Powys County Council - Public Protection Department	August 2014 May 2014	Not Applicable Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Herefordshire Council - Environmental Health Department Powys County Council - Public Protection Department	August 2014 May 2014	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	June 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region Environment Agency - Midlands Region	December 1998 December 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Midlands Region Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015 July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Midlands Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - Midlands Region Environment Agency - Welsh Region	January 2015 June 2016 June 2016	Annually Annually Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Natural Resources Wales Environment Agency Wales - South East Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	April 2021 January 2021 July 2021 July 2021	Quarterly Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Abstractions</b> Environment Agency - Midlands Region Environment Agency - Welsh Region Natural Resources Wales	April 2021 April 2021 April 2021	Quarterly Quarterly Quarterly
<b>Water Industry Act Referrals</b> Natural Resources Wales Environment Agency - Midlands Region Environment Agency - Welsh Region	April 2021 October 2017 October 2017	Quarterly Quarterly Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office Natural Resources Wales	June 2018 June 2018	As notified As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office Natural Resources Wales	January 2018 January 2018	Annually Annually
<b>Superficial Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Source Protection Zones</b> Natural Resources Wales	July 2017	Annual Rolling Update
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office Natural Resources Wales	March 2021 September 2020	Quarterly Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office Natural Resources Wales	March 2021 September 2020	Quarterly Quarterly
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	August 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office Natural Resources Wales	May 2018 May 2018	Annually Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office Natural Resources Wales	May 2018 May 2018	Annually Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office Natural Resources Wales	May 2018 May 2018	Annually Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office Natural Resources Wales	February 2016 February 2016	Annually Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually



Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Natural Resources Wales	July 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Midlands Region Environment Agency - Welsh Region	January 2009 January 2009	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area Environment Agency Wales - South East Area Natural Resources Wales	April 2021 April 2021 January 2021 January 2021	Quarterly Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area Environment Agency Wales - South East Area Natural Resources Wales	April 2021 April 2021 April 2021 April 2021	Quarterly Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Herefordshire Council Powys County Council	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Herefordshire Council Powys County Council	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area Environment Agency Wales - South East Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area Environment Agency Wales - South East Area	April 2018 April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area Environment Agency Wales - South East Area	June 2015 June 2015 June 2015	



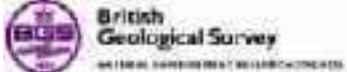
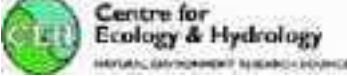





Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Herefordshire Council - Minerals and Waste Department Powys County Council - Planning Department	February 2016 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Herefordshire Council - Minerals and Waste Department Powys County Council - Planning Department	February 2016 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2021	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	June 2021	Quarterly
<b>Gas Pipelines</b> National Grid	May 2021	Annually
<b>Points of Interest - Commercial Services</b> PointX	June 2021	Quarterly
<b>Points of Interest - Education and Health</b> PointX	June 2021	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	June 2021	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	June 2021	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	June 2021	Quarterly
<b>Underground Electrical Cables</b> National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England Natural Resources Wales	February 2021 September 2018	Bi-Annually Bi-Annually
<b>Areas of Adopted Green Belt</b> Herefordshire Council - Planning Department Powys County Council	October 2020 October 2020	Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Herefordshire Council - Planning Department Powys County Council	October 2020 October 2020	Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England Natural Resources Wales	January 2021 June 2019	Bi-Annually Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017 January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Powys County Council Natural England	August 2018 February 2021	Bi-Annually Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	July 2019	Bi-Annually
<b>National Parks</b> Natural Resources Wales Natural England	February 2018 February 2016	Annually Bi-Annually
<b>Nitrate Vulnerable Zones</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	July 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England Natural Resources Wales	February 2021 March 2020	Bi-Annually Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales	August 2020	Bi-Annually
<b>Special Protection Areas</b> Natural Resources Wales	August 2018	Bi-Annually



A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
2	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: <a href="mailto:enquiries@naturalresourceswales.gov.uk">enquiries@naturalresourceswales.gov.uk</a>
3	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>
4	<b>Powys County Council - Public Protection Department</b> Neuadd Maldwyn, Severn Road, Welshpool, Powys, SY21 7AS	Telephone: 01597 826662 Fax: 01597 826669 Website: <a href="http://www.powys.gov.uk">www.powys.gov.uk</a>
5	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: <a href="mailto:customerservices@ordnancesurvey.co.uk">customerservices@ordnancesurvey.co.uk</a> Website: <a href="http://www.ordnancesurvey.gov.uk">www.ordnancesurvey.gov.uk</a>
7	<b>Powys County Council</b> County Hall, Llandrindod Wells, Powys, LD1 5LG	Telephone: 01597 826000 Fax: 01597 826230 Website: <a href="http://www.powys.gov.uk">www.powys.gov.uk</a>
8	<b>Herefordshire Council</b> Brockington, 35 Hafod Road, Hereford, Herefordshire, HR1 1SH	Telephone: 01432 260000 Website: <a href="http://www.herefordshire.gov.uk">www.herefordshire.gov.uk</a>
9	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: <a href="http://www.hse.gov.uk">www.hse.gov.uk</a>
10	<b>Powys County Council - Planning Department</b> Brecknockshire Office, Neuadd Brycheiniog, Cambrian Way, Brecon, LD3 7HR	Website: <a href="http://www.powys.gov.uk">www.powys.gov.uk</a>
11	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: <a href="http://www.pointx.co.uk">www.pointx.co.uk</a>
12	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: <a href="mailto:enquiries@naturalengland.org.uk">enquiries@naturalengland.org.uk</a> Website: <a href="http://www.naturalengland.org.uk">www.naturalengland.org.uk</a>
13	<b>The National Assembly for Wales - GI Services (Department of Planning &amp; Countryside)</b> Yr Hen Ysgol Gymraeg, Alexandria Road, Aberystwyth, Ceredigion, SY23 1LD	Telephone: 02920 825111 Website: <a href="http://www.wales.gov.uk">www.wales.gov.uk</a>
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: <a href="mailto:radon@phe.gov.uk">radon@phe.gov.uk</a> Website: <a href="http://www.ukradon.org">www.ukradon.org</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

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

**General**

- Site (red outline)
- Property boundary (dashed line)
- Water (blue)
- Highway (thick grey)
- Other roads (thin grey)
- Public footpath (dotted line)
- Other footpaths (dashed line)
- Other boundaries (thin solid line)
- Other features (various icons)

**Agony and My development**

- Proposed development (green outline)
- Existing development (red outline)
- Other buildings (grey outline)
- Other structures (various icons)
- Other features (various icons)

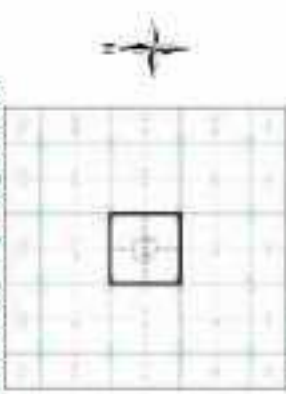
**Environmental sensitivities**

- World Heritage Site (yellow circle)
- Nature Conservation Area (green circle)
- Local Nature Reserve (blue circle)
- Site of Special Scientific Interest (red circle)
- Special Area of Conservation (green circle)
- Special Protection Area (blue circle)
- Special Reserve (yellow circle)
- Other sensitivities (various icons)

**Other**

- Other features (various icons)
- Other boundaries (thin solid line)
- Other roads (thin grey)
- Other water (blue)
- Other highways (thick grey)
- Other site (red outline)
- Other property boundary (dashed line)
- Other water (blue)
- Other highways (thick grey)
- Other site (red outline)
- Other property boundary (dashed line)

Site Sensitivity Map - Segment A13



**Order Details**

Order Number: 28328531.L1  
 Customer Ref: E23980  
 National Grid Reference: 171400, 204400  
 Site: A  
 Site Area (HAI): 0.07  
 Plot Buffer (m): 100

**Site Details**

Texas Dairy Ltd, B, Harpurs Lane, PRESTIGNE, L20 2AN



- General**
- Site Area
  - Site Boundary
  - Site Access
  - Site Easements
  - Site Features
  - Site History
  - Site Photos
  - Site Reports
  - Site Plans
  - Site Maps
  - Site Data
  - Site Tools
  - Site Settings
  - Site Help
- Agency and Hydrological**
- Agency
  - Hydrological
  - Water
  - Watershed
  - Water Quality
  - Water Quantity
  - Water Use
  - Water Rights
  - Water Pollution
  - Water Conservation
  - Water Treatment
  - Water Distribution
  - Water Infrastructure
  - Water Management
  - Water Planning
  - Water Research
  - Water Safety
  - Water Security
  - Water Sustainability
  - Water Technology
  - Water Policy
  - Water Law
  - Water Economics
  - Water Social
  - Water Cultural
  - Water Historical
  - Water Future
  - Water Global
  - Water Local
  - Water Regional
  - Water National
  - Water International
  - Water Transnational
  - Water Multinational
  - Water Supranational
  - Water Global
  - Water Local
  - Water Regional
  - Water National
  - Water International
  - Water Transnational
  - Water Multinational
  - Water Supranational
- Map**
- Map
  - Layers
  - Scale
  - Projection
  - Coordinate System
  - Map Style
  - Map Data
  - Map Tools
  - Map Settings
  - Map Help
- Order Details**
- Order Number: 28328531.L1  
 Customer Ref: 6239880  
 National Order Reference: 371400, 394408  
 Slice: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000
- Site Details**
- Twiss Duff Ltd, 8, Harpurs Lane, PRESTON, L1B 2AN



**Order Details**

Order Number: 28328531.L1  
 Customer Ref: 6239880  
 National Order Reference: 371400, 394408  
 Slice: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

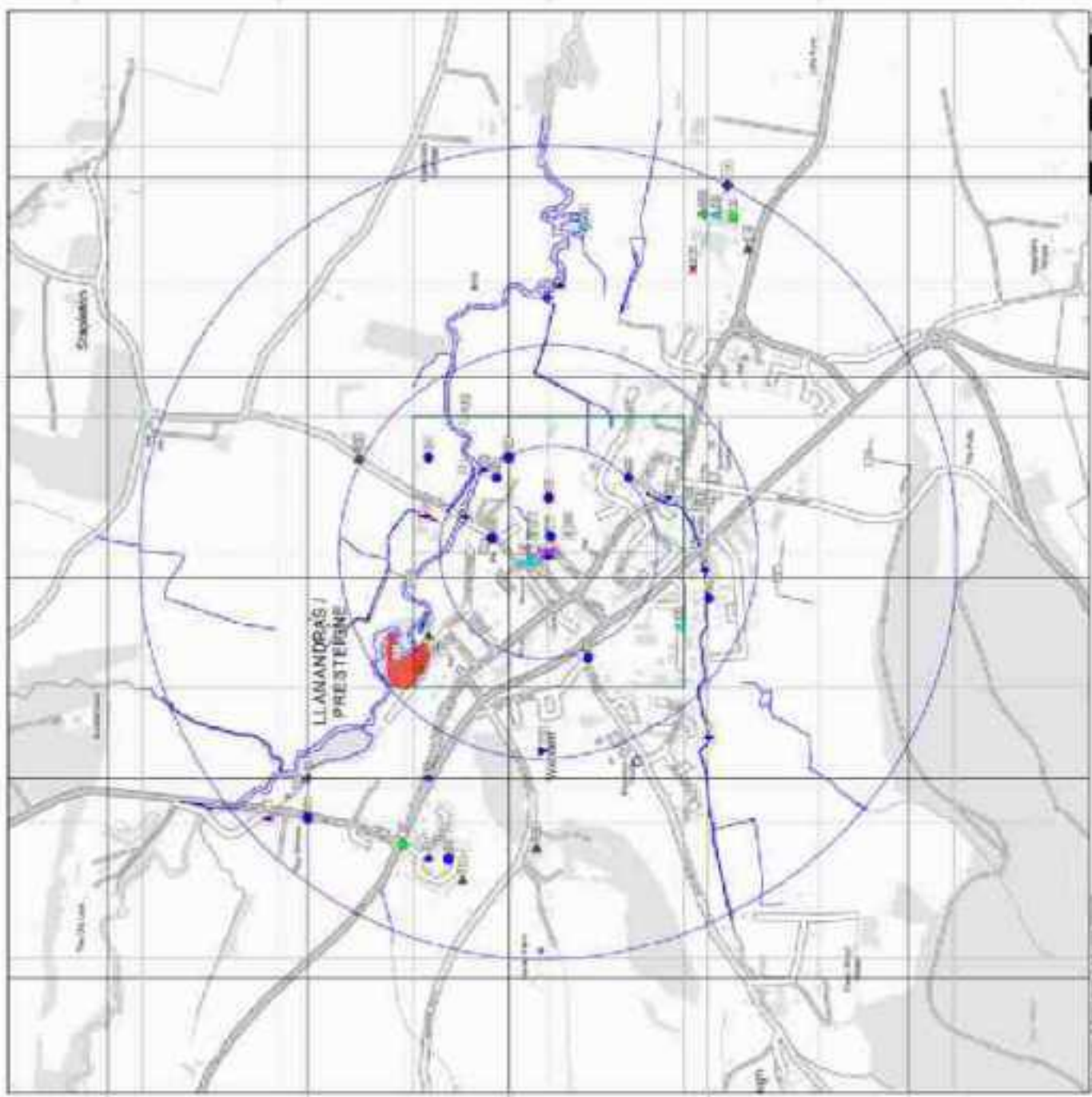
**Site Details**

Twiss Duff Ltd, 8, Harpurs Lane, PRESTON, L1B 2AN

**Landmark**

LANDMARK INFORMATION GROUP

A Landmark Information Group Service ©2010 (09-Aug-2010) Page 1 of 1





## Industrial Land Use Map

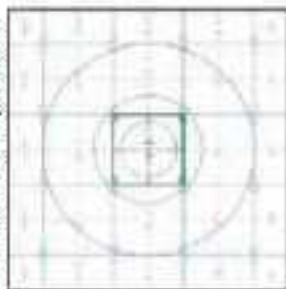
### General

● Sewerage ○ Stormwater ○ Stormwater tank  
○ Sewerage tank ○ Stormwater tank

### INDUSTRIAL LAND USE

- Commercial building (e.g. shops)
- Industrial building
- Industrial building (under construction)
- Industrial building (under development)
- Industrial building (under construction)
- Industrial building (under development)
- Industrial building (under construction)
- Industrial building (under development)
- Industrial building (under construction)
- Industrial building (under development)

### Industrial Land Use Map - Slice A

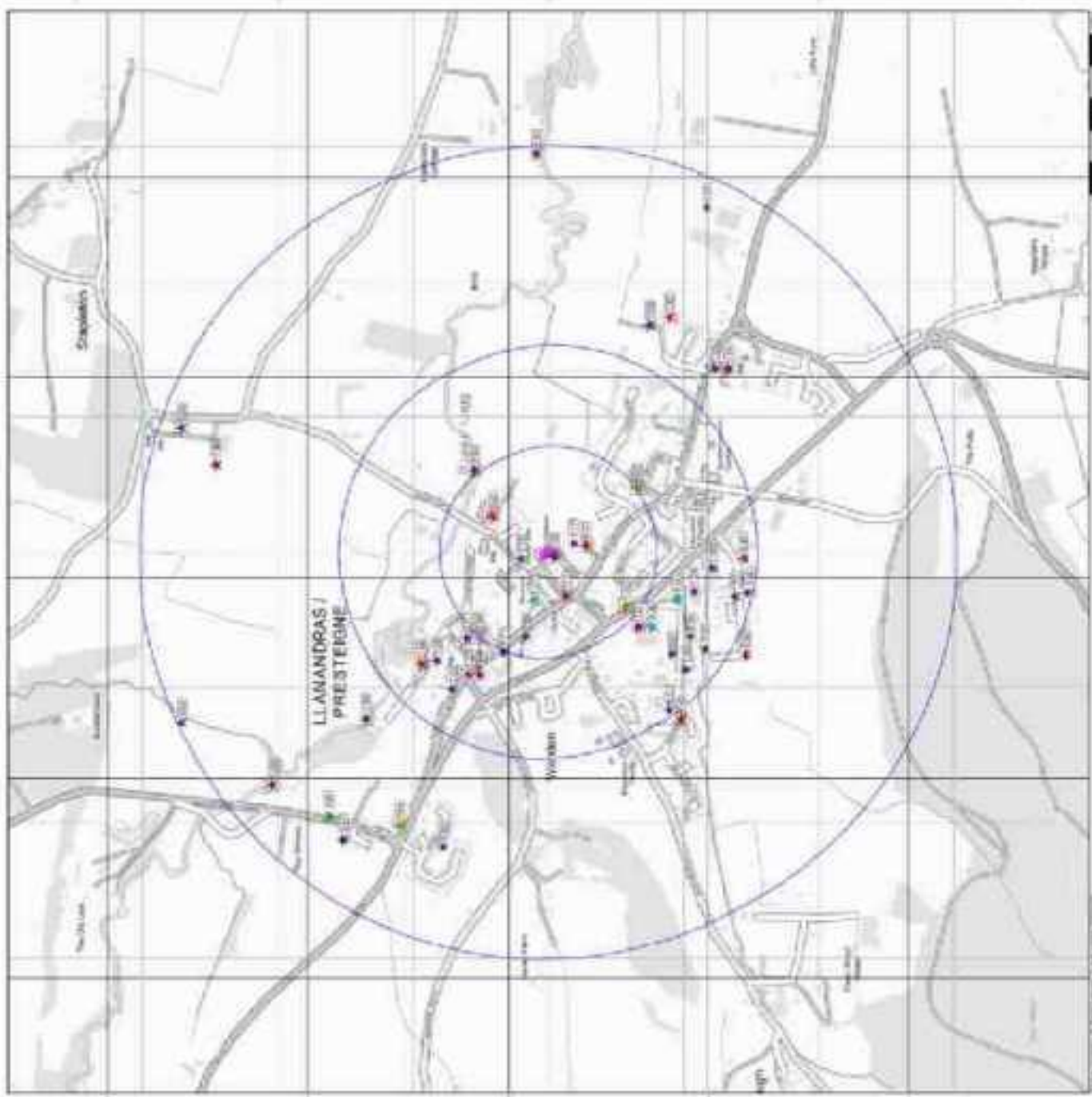


### Order Details

Order Number: 28328531.L1  
 Customer Ref: E23980  
 National Grid Reference: 371400, 204400  
 Slice: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

### Site Details

Texas Data Ltd, 8, Harpurs Lane, PRESTON, LDB 2AN



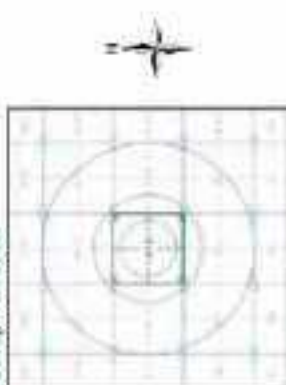
**General**

-  Wetlands
-  Riparian Areas
-  State Parks

**Agency and Hydrological (Flood)**

-  Flood Hazard Areas (Flood Hazard Map)
-  Flood Hazard Areas (Flood Hazard Map)
-  Areas with potential wetlands
-  Areas with potential wetlands
-  Areas with potential wetlands
-  Areas with potential wetlands

Flood Map - Slice A

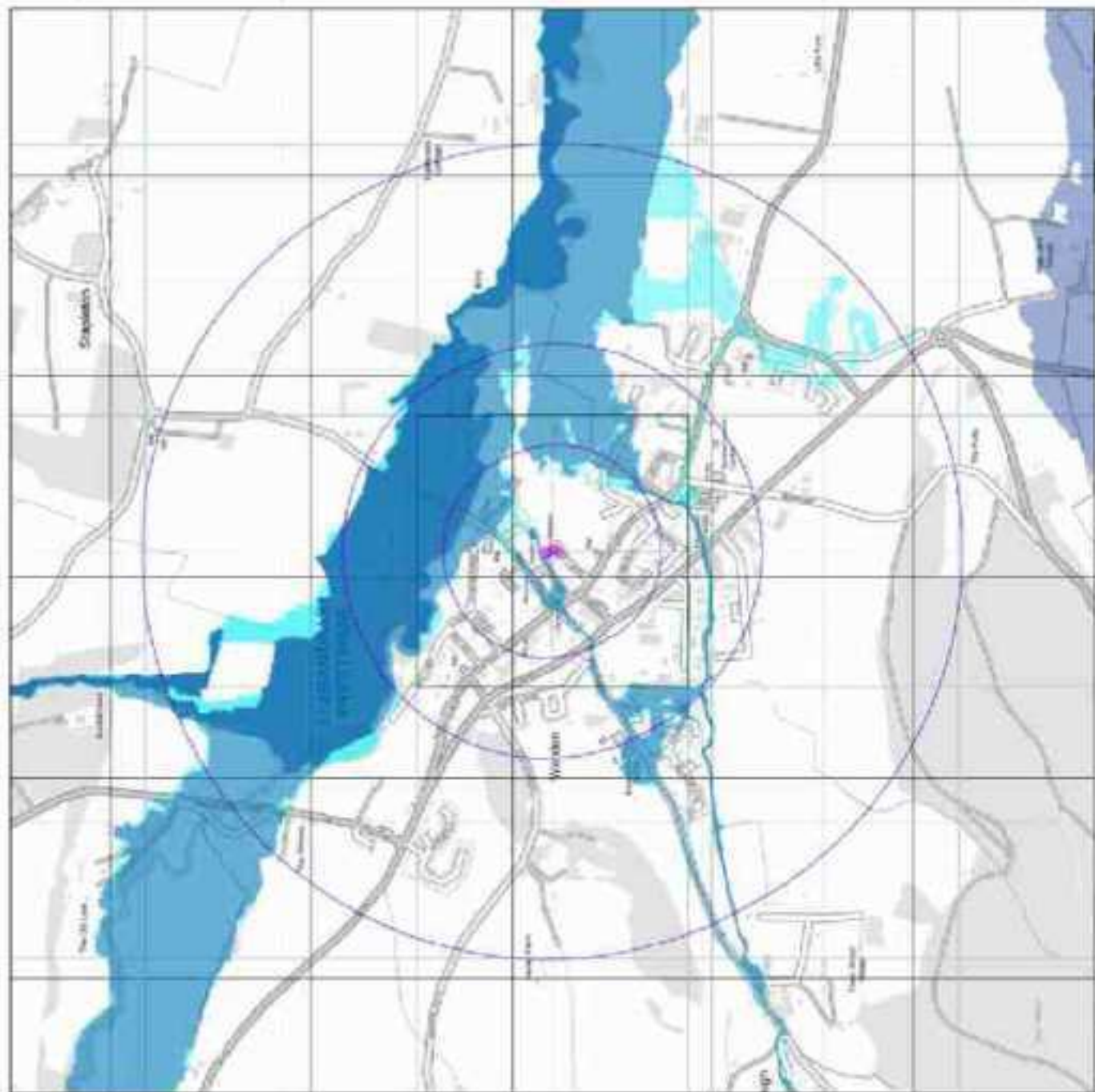


**Order Details**

Order Number: 28326531.L1  
 Customer Ref: 6236880  
 National Order Reference: 371400, 394408  
 Slice: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

**Site Details**

Texas Dairies Ltd, 8, Harpurs Lane, PRESTON, L20 2AN

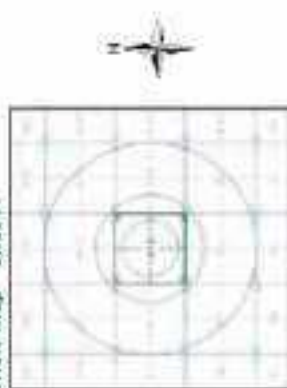


- General**
- 1. Site Name
  - 2. Project Name
  - 3. Data Classification
  - 4. Env ID
  - 5. Licence Reference
- Agency and Administrative (By Address)**
- 6. Main Address - Street Name
  - 7. Postcode
  - 8. Loc Authority - LA, DC, TA
  - 9. Loc Authority - LA, DC, TA
  - 10. Loc Authority - LA, DC, TA
  - 11. Loc Authority - LA, DC, TA
  - 12. Loc Authority - LA, DC, TA
  - 13. Loc Authority - LA, DC, TA

For Datafile information please refer to the Datafile .csv file which accompanied this site.

A copy of the BGS Developer Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

### Borehole Map - Slice A

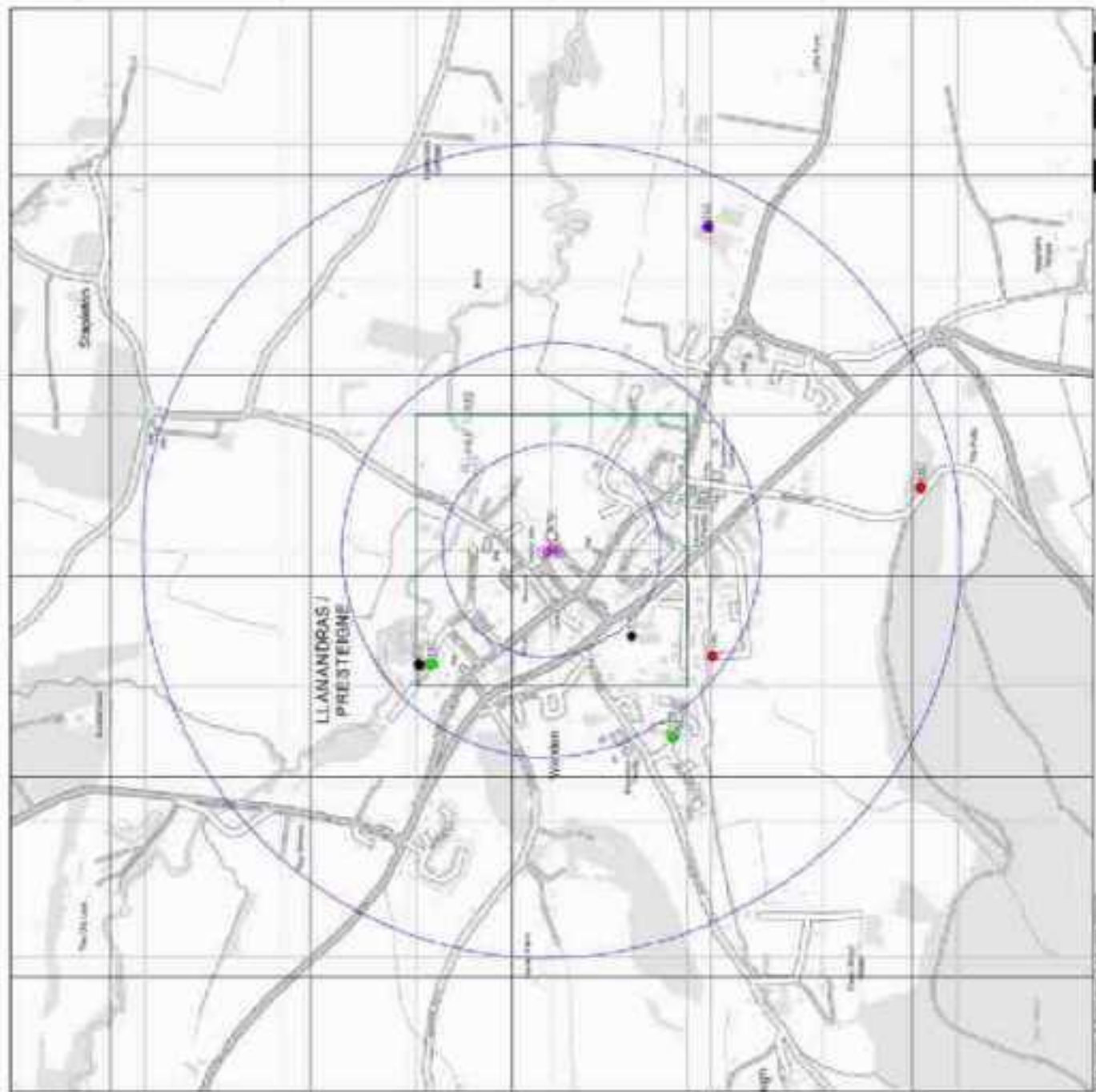


### Order Details

Order Number: 28328531\_1\_1  
 Customer Ref: E23980  
 National Grid Reference: 371400, 394400  
 Slice: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

### Site Details

Texas Data Ltd, 8, Harpurs Lane, PRESTERNE, LD8 2AN





**General**

- CS Sewerfall cap
- DS Sewer Manhole
- R Storm Sewerfall Pipe

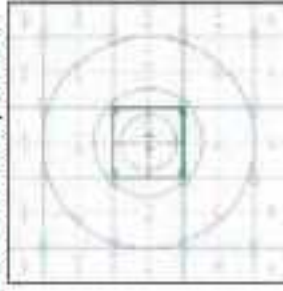
**OS Water Network Data**

- |   |  |
|---|--|
|  Sewer       |  Other              |
|  Stormwater  |  Other              |
|  Firewater   |  Other              |
|  Main        |  Tracks             |
|  Waterfall   |  Sewer Right of Way |
|  Sewer Valve |  Sewer              |

**Contours (Height in meters)**

- Watercourse -   $100\% > 1000$
- Main Course -   $100\% > 1000$
- Stream/High Way -   $100\% > 1000$
- Stream/High Way -   $100\% > 1000$

**OS Water Network Map - Slice A**

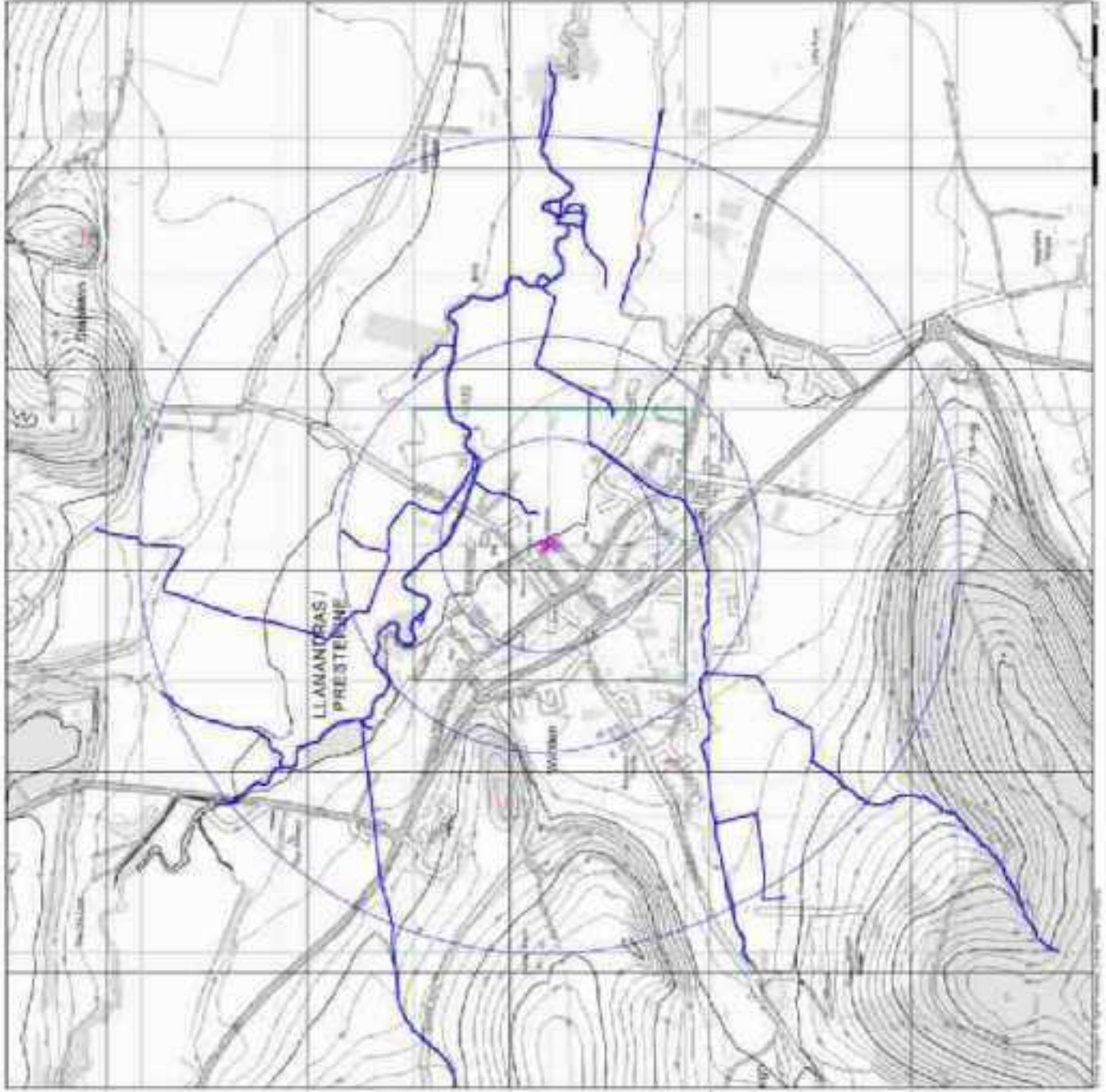


**Order Details**

- Order Number: 283226531.L1
- Customer Ref: E236880
- National Grid Reference: 771450, 704405
- Site: A
- Site Area (ha): 0.07
- Search Buffer (m): 1000

**Site Details**

Terra Data Ltd, 8, Harpurs Lane, Presteigne, LD8 2AN





**General**

- Site Location
- Proposed Project
- Road Infrastructure

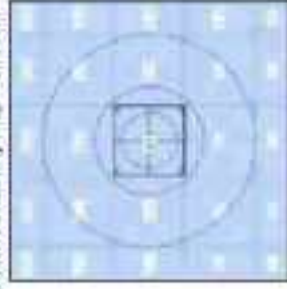
**Risk of Flooding from Surface Water**

- 10% - 20% Rain
- 10% - 50% Rain
- 20% - 50% Rain

**SUBSTRATA**

- Surface Water
- Substrate
- Substrate
- Substrate
- Substrate
- Substrate

**ENRPM Suitability Map - Slice A**

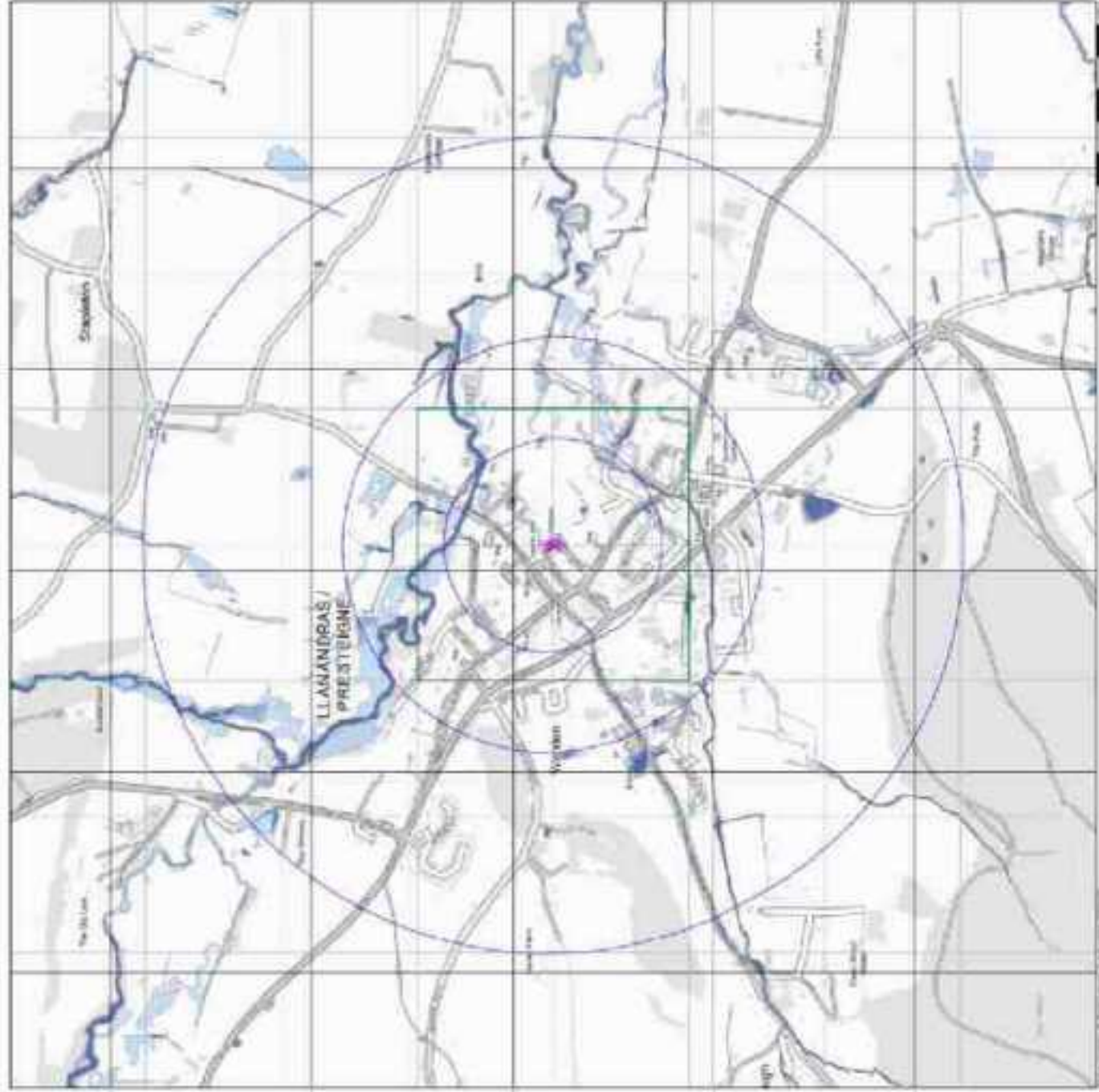


**Order Details**

Order Number: 28328531.L1  
 Customer Ref: E23980  
 National Grid Reference: 371450, 394400  
 Site: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

**Site Details**

Texas Data Ltd, 8, Harpurs Lane, Presteigne, LD8 2AN



**General**

25/06/2015 10:00 AM

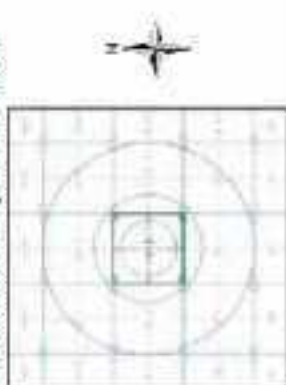
25/06/2015 10:00 AM

**Estimated Soil Chemistry/Arsenic**

Soil Concentration (ppm)



**Estimated Soil Chemistry Arsenic - Slice A**



**Order Details**

Order Code: 28328531.L1  
 Customer Ref: E23980  
 National Grid Reference: 371450, 394400  
 Slice: A  
 Site Area (m<sup>2</sup>): 0.07  
 Search Buffer (m): 1000

**Site Details**

Texas Dairies Ltd, B. Harpels Lane, PRESTON, LDB 2AN

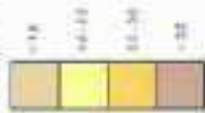


**General**

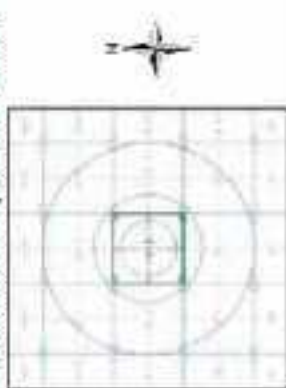
Client: **Woolworths**    Job No: **W010000000000**

**Estimated Soil Chemistry Cadmium**

Estimated Concentration Range



**Estimated Soil Chemistry Cadmium - Slice A**



**Order Details**

Order Code: **28328531.L1**  
 Customer Ref: **E23980**  
 National Grid Reference: **371450, 394400**  
 Site: **A**  
 Site Area (ha): **0.07**  
 Search Buffer (m): **1000**

**Site Details**

Texas Dairies Ltd, 8, Harpurs Lane, PRESTON, LDB 2AN



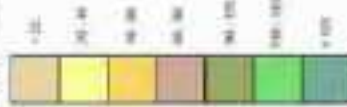


**General**

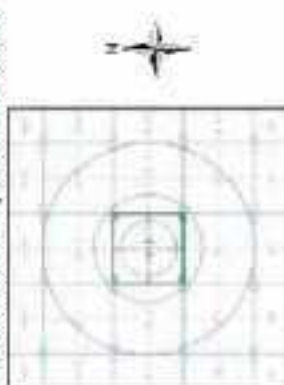
① Schedule    ② Test Methods    X Heavy Metals/PAH

**Estimated Soil Chemistry Chromium**

Chromium Concentration (mg/kg)



**Estimated Soil Chemistry Chromium - Slice A**

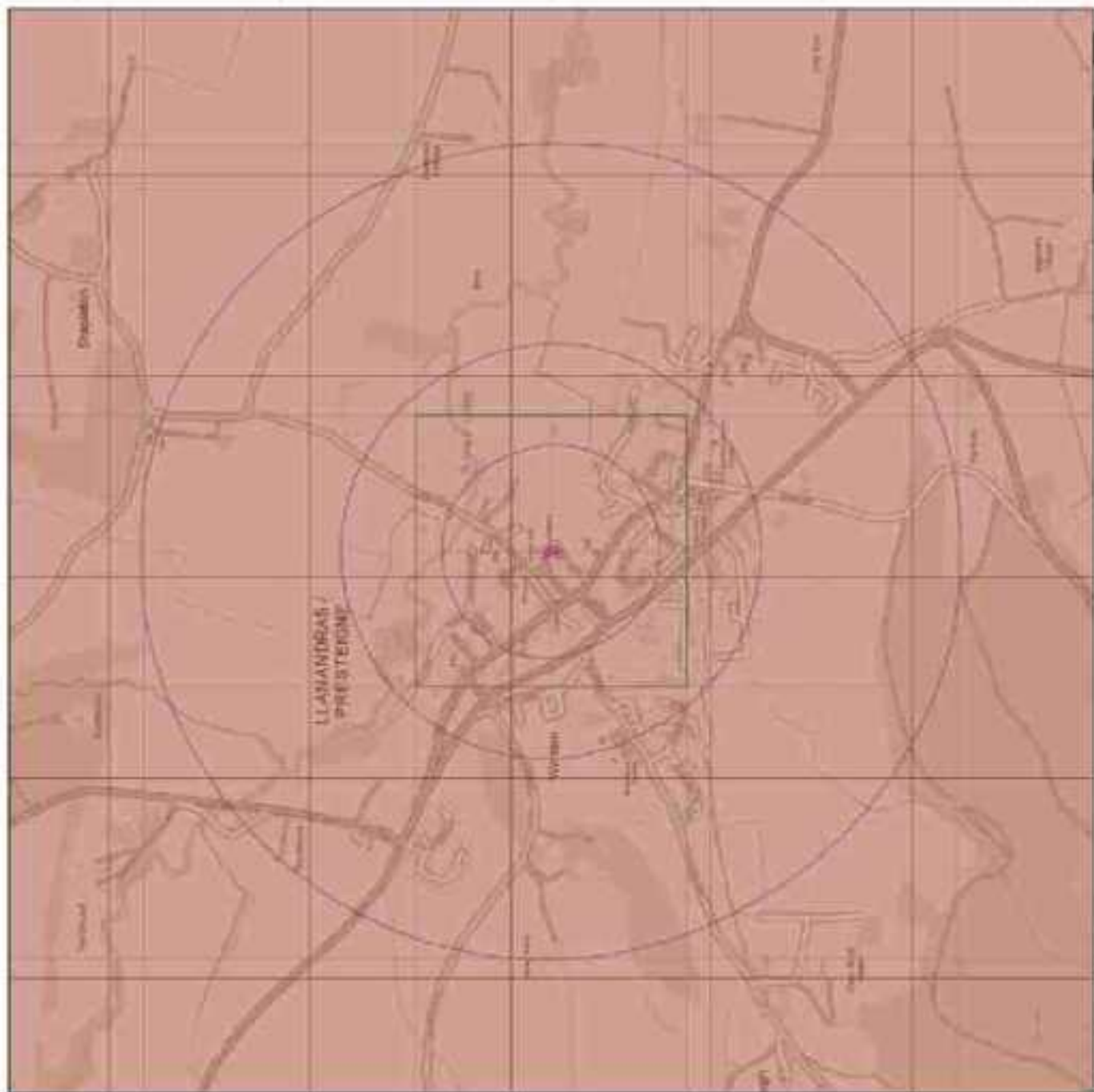


**Order Details**

Order Code: 28328531.L1  
 Customer Ref: E23980  
 National Order Reference: 371400, 394400  
 Slice: A  
 Site Area (m<sup>2</sup>): 0.07  
 Search Buffer (m): 100

**Site Details**

Texas Dairies Ltd, 8, Harpurs Lane, PRESTON, LDB 2AN





**General**

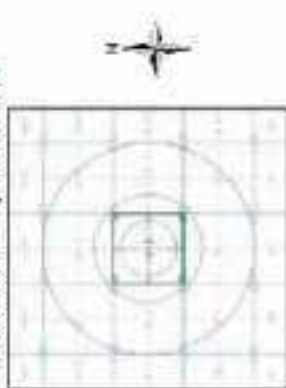
Overview  
 Contaminants  
**Expanded Soil Chemistry Lead**

Klamath County

**Lead Concentration Range**



**Estimated Soil Chemistry Lead - Slice A**



**Order Details**

Order Code: 28326531.L1  
 Customer Ref: E23980  
 National Ord Reference: 321400, 304400  
 Site: A  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

**Site Details**

Texas Duffet Ltd, 8, Harpurs Lane, Presteigne, LD8 2AN





## Index Map

For ease of identification, your site and nearby sites have been coded into blocks, segments and quadrants. These are identified in the Index Map opposite and explained further below.

**Site**  
 Each site represents a 10,000 sqm area (2.7km x 2.7km) for your site and buffer. A map of Australia may be made up of several blocks of adjoining sites. A site number may be derived by adding the letters of the adjacent blocks from left to right and top to bottom. The grid code for your site is highlighted and has been assigned to give track to your site and buffer.

**Segment**  
 A segment represents a 12,500 sqm area. Segments are four grid lines wide and two grid lines high. They are identified by letters from A to Z. Other letters are used to identify sub-segments within each area.

**Quadrant**  
 A quadrant is a part of a segment. They are identified as NW, NE, SW, SE and are related to the sub-segments to be fully located on the map. Therefore, a quadrant that has a quadrant reference of NW101 will be in Block A, Segment 17 and the NW Quadrant.

A table of coordinates will provide data within the report.



Envirocheck is a registered trademark of Landmark Information Group.

## Client Details

Mr J. Perkins, EMG Environmental Management  
 Building, Tapscott Business Park, Hopton Lane Road,  
 Harewood, Harrogate, HG3 8BQ

## Order Details

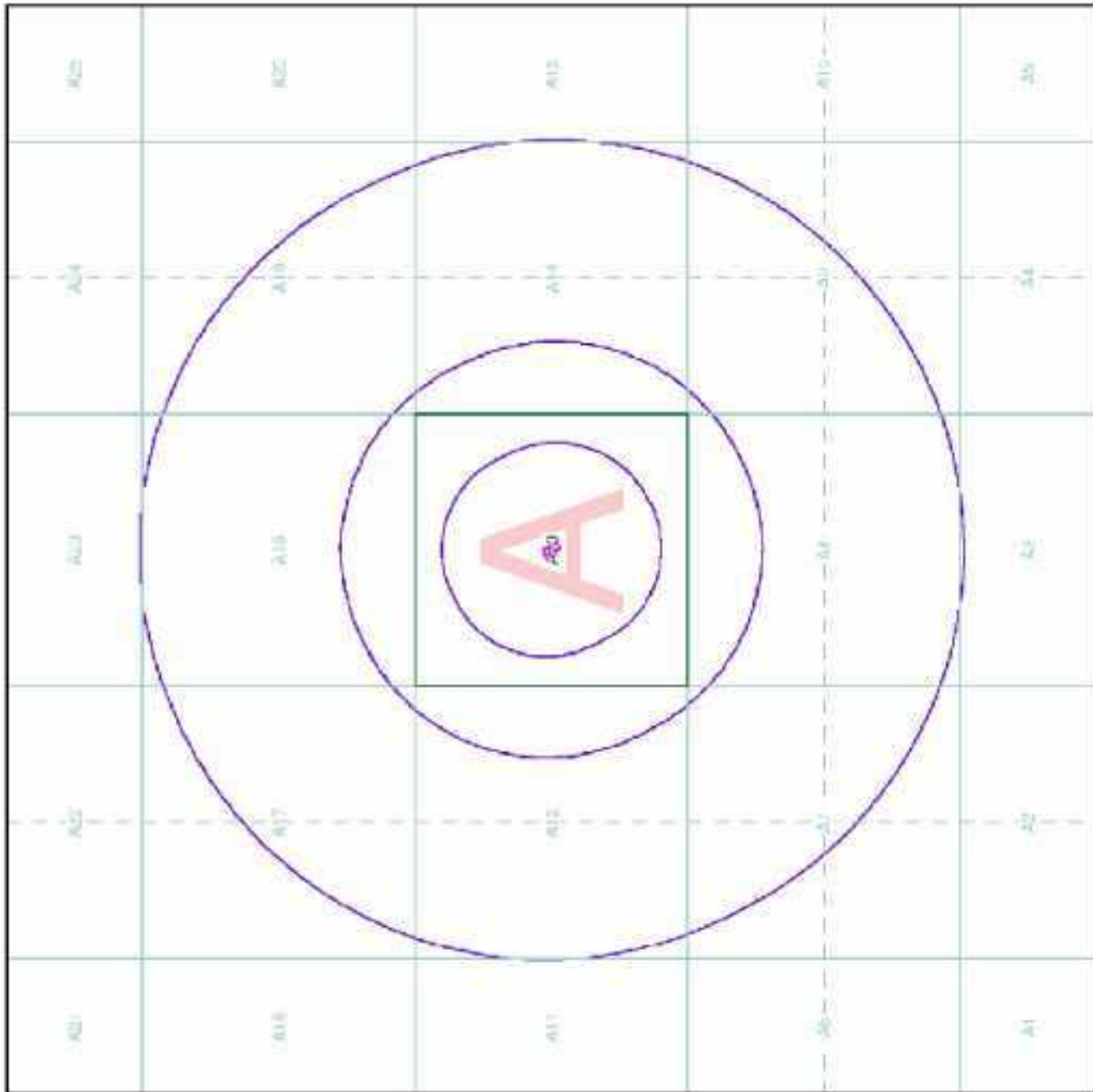
Order Number: 28326531\_1\_1  
 Customer Ref: E23980  
 National Grid Reference: 321570, 394408  
 Site Area (ha): 0.07  
 Search Buffer (m): 1000

## Site Details

Tony Duffell Ltd, 9, Hopton Lane, PRESTON, L8 3AM

Full Terms and Conditions can be found on the following link:

<http://www.landmarkinfo.co.uk/Terms%20and%20Conditions>



## Appendix E –Preliminary Risk Assessment Report Extracts





**ALS Environmental Ltd**  
Torrington Avenue  
Coventry  
CV4 9GU

T: +44 (0)24 7642 1213  
F: +44 (0)24 7685 6575  
[www.alsenvironmental.co.uk](http://www.alsenvironmental.co.uk)

**Mr Dalley**  
**WB & AD Morgan Ltd**  
**Presteigne Industrial Estate**  
**Presteigne LD8 2UF**  
**Powys**

01 March 2021

**Test Report: COV/1996111/2021**

Dear Mr Dalley

Analysis of your sample(s) received on 24 February 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: S. Sharpe

Title: Technical Senior Analyst



# Report Summary



**Mr Adrian Dalley  
WB & AD Morgan Ltd  
Presteigne Industrial Estate  
Presteigne  
Powys  
LD8 2UF**

Date of Issue: **01 March 2021**

Report Number: **COV/1996111/2021**

Issue **1**

This issue replaces  
all previous issues

Number of Samples  
included in this report **1**

Job Received: **24 February 2021**

Number of Test Results  
included in this report **30**

Analysis Commenced: **25 February 2021**

Signed

Name: **S. Sharpe**

Date: **01 March 2021**

Title: **Technical Senior Analyst**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

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Í»º±®- Ò«ºº»®æ COV/1996111/2021

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Íç³º' » Í±«®½»æ WB & AD Morgan Ltd

Íç³º' » Ð±²- Ü»-½®º-±²æWB & AD Morgan

Íç³º' » Ü»-½®º-±²æ WAD184 Well

Íç³º' » Óç±®æ Drinking Water

Íç³º' » Üç-»æ 23 February 2021 Íç³º' » Í»½»-ª»¼ 24 February 2021 ß²ç'š-- Ý±³º' »æ 01 March 2021

Test Description	Result	Units	Limit	Accreditation	Method
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Ò-®-» ç- ÒÑì	äðððì	³ ñ	ðæ	Ç É çµ	É ÐÝèì
Ò-®-ç» ç- ÒÑì	äì ð í	³ ñ	èð	Ç É çµ	É ÐÝèì
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Óç¹²»-«³ ð ì ±ç' ç- Ó¹	í ð ð	³ ñ	ç	É çµ	É ÐÝì í ñ ç
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Ð±ç-»-«³ ð ì ±ç' ç- Ò	ì ð í	³ ñ	ç	É çµ	É ÐÝì í ñ ç
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Ó»¼ ð ì ±ç' ç- Ð¼	í èì	«¹ ñ	í ð	Ç É çµ	É ÐÝè
Æ²½ ð ì ±ç' ç- Æ²	í í è	«¹ ñ	ç	É çµ	É ÐÝè
Ý±º»®ð ì ±ç' ç- Ý«	ðððì é	³ ñ	í	Ç É çµ	É ÐÝè
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Ü-½ »®¼ ç ½ ±² ·½±²º ·±³»¼	ð	½«ñ ðð³ '	ð	Ç Ý±ª	É Ýð
ì ±ç' Ý±º ·±®³ °®-«³º	è	½«ñ ðð³ '	ð	Ç Ý±ª	É Ýð
Üð½ ±º ·°®-«³º-ª	ð	½«ñ ðð³ '	ð	Ç Ý±ª	É Ýð
ì ÈÝ ñÝ í ¼ç§	äì ððð	½«ñ'	ç	Ý±ª	É Ý
ì ÈÝ í Ý í ¼ç§	äì ððð	½«ñ'	ç	Ý±ª	É Ý

Analyst Comments for 20175749:

ì, - -çº» ç- ¼»² ç²ç'š-»¼º±® ì ±ç' Ý±º ·±®³ ½±²º ·±³»¼ Ò-½ »®¼ ç ½ ±² ·½±²º ·±³»¼ ì ±ç' Ý±º ·±®³ °®-«³º Üð½ ±º ·°®-«³º-ª ð ÌÈÝ ñÝ í ¼ç§ ð ÌÈÝ í Ý í ¼ç§ ±«-¼» ®½±³º»¼-»¼ ç¼¼ ·²-»-ð ×-»-» ·½º±®³ ±º-¼ » ç- ç- » ®-«-º ±ª ·¼³ ç ¼» ½±³º ±º-»¼ ì ±ç' ½ ±º ·±®³ ·½²º-»¼ ç-Ý-®±¼¼ ç-º-»½- ç²¼ í»®ç- ç-º-»½-» ð ÌÈÝ Ò-ª ç-»¼ ÌÈÝ Ò-ª ç-»¼

This issue replaces all previous issues.  
Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.  
Analysed at: CHE = Chester(CH5 3JG), COV = Coventry(CV4 9GU), OTT = Orsettoume(SO21 2RU), S = Subcontracted, TRG = Subcontracted to Trowbridge(BA14 0XQ), WAK = Wakefield(WFG 8TG).  
F = Data supplied by customer.  
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.  
IS=Insufficient sample - For silt/sediment samples: AR=As received, DW=Dry weight.

Signed



Name: **S. Sharpe**

Date: **01 March 2021**

Title: **Technical Senior Analyst**



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Εξίσωση 1:  $x^2 - 2x + 1 = 0$



WB+AD Morgan Ltd  
Presteigne Industrial Estate  
Presteigne  
Powys  
LD8 2UF

T: 01544 267980  
F: 01544 267981  
E: [info@findingwater.co.uk](mailto:info@findingwater.co.uk)  
W: [findingwater.co.uk](http://findingwater.co.uk)

///seriously.guards.intrigued

**By email**

Mr Alex Dufort  
9 Harpers Lane  
Presteigne  
Powys  
LD8 2AN

10<sup>th</sup> March 2021

Dear Mr Dufort,

**Re: Water Analysis Results**

---

Please find enclosed the results of the water analysis tests carried out on the sample taken by you for the well at 9 Harpers Lane on the 23<sup>rd</sup> February last.

As you can see from the 'Limit' column the chemistry results are satisfactory, however the water has failed the microbiological tests. This means that if you intend to drink the water then we would recommend the installation of an Ultra Violet disinfection unit to clean the water prior to use.

If you have any queries please do not hesitate to contact the office.

Yours sincerely,

**Ruth Basten**  
**Administrator**



Environmental Management Solutions Ltd.  
The Old Surgery,  
22a King Street,  
Hereford  
HR4 9DA

Email: [enquiries@ems-geotech.co.uk](mailto:enquiries@ems-geotech.co.uk)  
Tel. 01432 263333 Fax. 01432 263355