**REPORT C9505**
**JUNE 2022**

# PRELIMINARY APPRAISAL (DESKTOP STUDY)

**for land at**
**THE YEWS, DUNNINGTON**

**prepared for**
**EM CORNFORTH DECEASED**
**c/o GRAYS SOLICITORS**

**QA Sheet**

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| **REPORT TYPE:** | Preliminary Appraisal (Desktop Study) | **REPORT STATUS:** | Final |
| **REPORT NUMBER:** | C9505 | | |
| **REPORT DATE:** | June 2022 | | |
| **SITE NAME:** | The Yews,<br>Dunnington | | |
| **PREPARED FOR:** | EM Cornforth Deceased<br>c/o Grays Solicitors | | |
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# PRELIMINARY APPRAISAL REPORT (DESKTOP STUDY)

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NTS: Not to Scale

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# EXECUTIVE SUMMARY

| | |
|---|---|
| **Introduction** | Sirius Geotechnical Ltd (Sirius) was commissioned by John Howlett Planning, acting on behalf of EM Cornforth Deceased c/o Grays Solicitors, to undertake a preliminary appraisal report (desktop study) of land at The Yews, Dunnington (the "site").<br>It is understood that consideration is being given to the conversion, extension and alteration of existing barns to form a series of low-rise residential dwellings with associated areas of parking, courtyards and private gardens, following demolition of redundant agricultural buildings. |
| **Site Details** | The site is an irregular shaped parcel of land, comprising a series of former, now derelict, farm and agricultural one to two storey height buildings and sheds, with areas of overgrown vegetation and several mature trees. The site slopes very gently down from south to north. The onsite buildings are typically of brick, timber and asbestos cement and steel corrugated sheet cladding, with surrounding concrete and tarmac hardstanding at ground surface. Many of the buildings and ground surfaces are in a state of disrepair. Areas of grass, overgrown vegetation and mature trees are located within the east, in addition to a possible underground septic tank, denoted by a manhole cover and above ground level pipework within an area of grass.<br>A fuel pump was evident to the north of a stables building, in addition to evidence of a possible underground fuel storage tank (UST), apparent by means of an open manhole cover and pipework. An above ground fuel storage tank (AST) was evident to the west of the Yews building. Evidence of oil drums / containers and former agricultural machinery were noted within the stables building in the northeast, and a series of metal hoppers are located within a shed in the north of the site. Asbestos cement sheet piles were noted across the site, in addition to broken ACM fragments locally across the ground surface. |
| **Site History** | Historical OS maps indicate several buildings associated with The Yews and Yews Cottage to have been present on site since at least 1853. The site was developed to form the approximate current footprint in the late 1960's.<br>Former gravel pits and ponds were historically located within 250m of the site, which appear to have been infilled in stages over time. |
| **Anticipated Ground Conditions** | No made ground is recorded within the site on published maps. Areas of made ground may be present however associated with historical development within the site. The site is shown to be underlain by York Moraine Member (clay, sandy, gravelly), in turn underlain by Triassic Sherwood Sandstone Group. |
| **Mining & Quarrying** | Based on the site's geological setting, it is considered that the possibility of surface stability at the site being affected by past coal mining activities is negligible. The Envirocheck Report states that the risk associated with non-coal mining activities is "no hazard".<br>Inspection of historical OS plans has not revealed any evidence of quarrying or pitting beneath the site, although historical gravel pits were located c. 120m-250m to the south west. Consequently, the possibility of encountering unrecorded backfilled quarries/pits cannot be wholly discounted. It is recommended that excavations are examined for evidence of backfilled quarries/pits. If a backfilled quarry/pit is suspected, advice should be sought immediately from a suitably qualified engineer. |
| **Foundations** | The nature and depth of foundations for any extended buildings will be dependent on loadings, development levels and the detailed site geology, including:<br>• Location and thickness of any made ground or reworked soils;<br>• Presence / extent of substructures (such as basements, old foundations, etc);<br>• Bearing capacity of the natural strata;<br>• Groundwater levels;<br>• Proximity to trees where potentially shrinkable soils are present.<br>The suitability of old foundations for reuse, will be dependent on the factors discussed above, as well as their dimensions, depth and condition. |

| | |
|---|---|
| | A ground investigation is required to confirm foundation requirements. |
| **Former Well** | A former well was shown on historical plans between the 1890's and 1950's, located immediately west of the existing stables building which were subsequently constructed in the 1960's. It is recommended that the recorded location of the former well is investigated to assess the presence / condition of any remaining such feature. |
| **Contamination** | The preliminary conceptual site model indicates that contaminant linkages may be possible to a variety of receptors. Potential heavy metals, asbestos fibres, ACMs, organic, inorganic contaminants and pathogens in topsoil, localised made ground and/or shallow soils may pose a potential risk to construction workers, site end-users and controlled waters. Risks related to these potential linkages are currently given a qualitative assessment of "low to moderate" through to "moderate". The precise nature of the risks should be investigated further through site investigation. |
| **Gas Risk** | A possible risk from hazardous gas sources exists, principally associated with areas of made ground and VOC's from any localised fuel spillages. To confirm the situation regarding hazardous gases on site, from potential on and off-site sources, a hazardous gas investigation would be required to determine the need or otherwise for gas protection measures in future buildings.<br>According to the BRE, radon protective measures are not required for the site. |
| **Soakaways** | Based on the anticipated ground conditions, the use of soakaways at the site are unlikely to be suitable. Site specific ground conditions should be investigated further through site investigation, however. |
| **Flood Risk** | According to the Envirocheck Report and the EA website, the site is shown to be within Flood Zone 1. |
| **Invasive Species** | Invasive plant species were not observed during the site walkover, although their absence should be confirmed by an appropriately qualified specialist. |
| **Further Works** | The following ground investigation works are recommended to inform the proposed residential development scheme:<br>• Window sample boreholes to investigate shallow soil and groundwater conditions and allow the recovery of soil samples for laboratory testing. SPTs should be undertaken. Gas/groundwater monitoring wells should be installed in selected boreholes.<br>• Hand-dug inspection pits to assess foundations to the existing buildings proposed for refurbishment.<br>• Should the initial site investigation identify ground conditions considered suitable for soakaways, in-situ infiltration tests could be undertaken to aid soakaway design.<br>• Geotechnical and contamination testing at UKAS accredited testing laboratories to adequately characterise the made ground and shallow soils.<br>• A programme of ground gas monitoring visits should be undertaken, to allow a ground gas risk assessment to be produced for the site, comprising six visits over a minimum three-month period. The gas monitoring should include VOC monitoring.<br>• Reporting.<br>Intrusive ground investigation works should be undertaken by a suitably qualified geoenvironmental consultant.<br>An asbestos survey of the existing buildings should be completed by an appropriately qualified consultant prior to any works being undertaken on them. |

**The executive summary given above is an overview of the key findings and conclusions of the report. There may be other information contained within the body of the report which puts into context the findings of the executive summary. No reliance should be placed on the executive summary in isolation.**

# 1. INTRODUCTION

Sirius Geotechnical Ltd (Sirius) was commissioned by John Howlett Planning, acting on behalf of EM Cornforth Deceased c/o Grays Solicitors, to undertake a preliminary appraisal report (desktop study) of land at The Yews, Dunnington (the "site").

It is understood that consideration is being given to the conversion, extension and alteration of existing barns to form a series of low-rise residential dwellings with associated areas of parking, courtyards and private gardens, following demolition of redundant agricultural buildings. Existing and proposed site plans are included within Appendix A of this report (drawing refs 044TYD 101 Rev. B and 201 Rev. C, respectively, by Charlotte Kitchen Architects Ltd, last dated June 2022).

The objectives of this appraisal were to:

- Establish the historical development of the site and surrounding area from a review of available historical Ordnance Survey (OS) maps.
- Establish the environmental setting of the site.
- Determine whether historical or current activities could give rise to significant ground contamination.
- Evaluate whether past mining or other extractive industries could have an influence on the site.
- Determine the potential risk to the development from hazardous ground gas sources, including radon.
- Provide recommendations for intrusive works required to confirm the ground conditions below the site and the contamination status of the shallow soils, and, from this, foundation solutions and measures to deal with any contamination.

This preliminary appraisal includes an assessment of information provided by Landmark Information Group (LIG), the British Geological Survey (BGS) and online information available from the Environment Agency (EA) and the Coal Authority (CA) online viewer.

A site inspection (walkover survey) was undertaken by a Sirius Geoenvironmental engineer on 8th June 2022.

This report presents and interprets the factual information reviewed during this investigation and presents a Preliminary Conceptual Site Model (PCSM) from which ground-related hazards and risks have been assessed.

It has been assumed in the production of this report that the site is to be developed and refurbished for a low rise (up to two storey) “residential with homegrown produce” end-use. In addition, it is assumed that ground levels will not change significantly from those described in this report. If this is not the case, then amendments to the recommendations made in this report may be required.

Where the report refers to the potential presence of invasive plants (such as Japanese Knotweed) or asbestos-containing materials (ACMs), such observations are for information only and should be verified by a suitably qualified expert.

This report has been prepared for the sole use of EM Cornforth Deceased c/o Grays Solicitors. No other third party may rely upon or reproduce the contents of this report without the written approval of Sirius. If any unauthorised third party comes into possession of this report, they rely on it entirely at their own risk and the authors do not owe them any Duty of Care or Skill.

# 2. SITE DETAILS AND DESCRIPTION

**Table 2.1 Current Site Overview**

| | |
|---|---|
| **Location** | The site is located to the immediate north of the village of Dunnington, approximately 6km east of York City Centre. A site location plan is included as Drawing No. C9505/01, within Appendix A. |
| **National Grid Reference** | 466500, 453080. |
| **Topography and Features** | The site is an irregular shaped parcel of land, comprising a series of former, now derelict, farm and agricultural one to two storey height buildings and sheds with areas of overgrown vegetation and several mature trees. The site slopes down very gently from the southeast to the northwest, with levels of between approximately 23.5m Above Ordnance Datum (AOD) to 20.0m AOD.<br><br>The site is accessed via a hard surfaced drive off Stamford Bridge Road to the south. A track is evident within the north of the site, leading to agricultural fields to the north.<br><br>The existing buildings are referenced as, for the purposes of this report and in concurrence with architects' plans, the Piggery (A), the Stables (B), the Granary (C), the Barn (D), Yews Cottage (E), The Yews (F), Shed G, Building H, Covered Courtyard (J), Open Cattle Shed (K) and Shed (L). The building locations are shown on drawing ref. 044TYD 101 Rev B by Charlotte Kitchen Architects, a copy of which is included within Appendix A. The buildings referenced as Shed G and The Yews (F) were inaccessible internally as part of the walkover. Bird guano was noted across the floor of several derelict buildings accessible as part of the walkover.<br><br>The onsite buildings are typically of brick, timber and asbestos cement and steel corrugated sheet cladding, with surrounding concrete and tarmac hardstanding at ground surface. Many of the buildings and ground surfaces are in a state of disrepair.<br><br>Areas of grass, overgrown dense vegetation and mature trees are located within the east, in addition to a possible underground septic tank, denoted by a manhole cover and above ground level pipework within an area of grass. |

| | |
|---|---|
| | A fuel pump was evident to the north of the Stables (B), in addition to evidence of a possible underground fuel storage tank (UST), apparent by means of an open manhole cover and pipework. An above ground fuel storage tank (AST) was evident to the west of the Yews (F). The fuel tank has been placed on planks suspended above a brick bund part filled with demolition rubble. No significant evidence of oil stains / spillages were noted within the vicinities of the fuel pump / UST or AST.<br><br>Evidence of oil drums / containers and former agricultural machinery were noted within the Stables (B) building in the northeast. A series of metal hoppers are located within the Shed (L) in the north of the site.<br><br>Asbestos cement sheet piles were noted across the site, in addition to broken ACM fragments locally across the ground surface. |
| **Approximate Site Area** | 0.65 hectares. |
| **Invasive Plant Species** | No invasive species were noted during the walkover survey, although it is noted that areas of the site are overgrown. Their absence/presence should be confirmed by a suitably qualified specialist. |
| **Adjacent Land Uses** | Commercial units (including a car trade centre and hand car wash) and residential housing to the south (beyond Stamford Bridge Road). Agricultural land to the west, north and east. |

The main site features are shown on Drawing No. C9505/02, within Appendix A.

# 3. ENVIRONMENTAL SETTING

## 3.1. Introduction

Published environmental, geological and historical data relating to the site has been reviewed. A summary of relevant information is provided below and a copy of the LIG Envirocheck Report is enclosed in Appendix B.

## 3.2. Site History

Table 3.1 presents a summary of the site history from 1853 to 2022 as illustrated on historic OS maps and recent satellite imagery. Only information pertinent to the proposed development is described.

**Table 3.1 Site History**

| Map Dates | On-site Features | Offsite Features (only features within 500m that may affect the site are listed) |
|---|---|---|
| 1853 - 1854 | The site is shown to be developed with several buildings in the south and an orchard to the southeast. | A Chicory Kiln is denoted 30m to the west. The surrounding area appears generally agricultural, with Dunnington village located from 300m to the southeast.<br>A gravel pit is shown 250m to the southwest. |
| 1893 - 1911 | The buildings are referenced as Yews Cottage and The Yews. A well is shown to the north of The Yews. The orchard is no longer indicated in the southeast. | A small pond is located c.5m to the northeast of the site.<br>Gravel pit and old gravel pit recorded c. 120m to the southwest of the site. Gravel pit formerly shown c. 250m to southwest, no longer recorded.<br>The kiln to the west is no longer shown. |
| 1938 - 1958 | A new building / structure is evident within the northwest of the site. | New development evident to the southwest of the site, beyond Stamford Bridge Road. |
| 1969 - 1995 | New buildings and structures are evident on site, forming the approximate existing layout.<br>In addition, three square structures are shown to the east of The Yews and a rectangular structure is shown in the north of the site.<br>The well is no longer shown, and is assumed to have been removed / covered as part of construction of the existing stables. | The gravel pits to the southwest are no longer shown.<br>The pond to the northeast has extended in size. Several other ponds are located within c.200m of the site.<br>New commercial development beyond Stamford Bridge Road, including a filling station 40m to the south, and an agricultural engineers 50m to the southwest. A pump house is shown 200m to the southwest from approximately 1975. |
| 1999 - 2002 | The three square structures within the east are no longer evident. | The pond to the northeast and others within the general area are no longer shown and are assumed to have been infilled. |

| Map Dates | On-site Features | Offsite Features (only features within 500m that may affect the site are listed) |
|---|---|---|
| 2022 | Structure in north of site no longer recorded. | The filling station to the south is presently in use as a hand car wash. |

## 3.3. Published Geological Information

A summary of available published geological information is provided in Table 3.2 below.

**Table 3.2 Geological Summary**

| | |
|---|---|
| **Sources of Information** | BGS 1:50,000 scale geological map (Sheet 63 - York), solid and drift edition dated 1983.<br>BGS Geology of Britain Viewer (on-line service).<br>BGS Lexicon of Named Rock Units (on-line service).<br>BGS borehole records (on-line service).<br>Coal Authority (CA) Interactive Map Viewer (on-line service).<br>Envirocheck Report, Ref: 296815701_1_1, dated June 2022. |
| **Made Ground** | None recorded within the site on published maps. Areas of made ground may be present however associated with historical development within the site. |
| **Superficial Deposits** | The site is shown to be underlain by York Moraine Member (clay, sandy, gravelly), described by the BGS as typically comprising 'glacial till comprising sandy clay, clayey sand and clay with erratic pebbles, cobbles and boulders mainly of Carboniferous sandstone and limestone. The Member also includes local deposits of sand and gravel plus local deposits of clay and laminated clay incorporated into the sequence'.<br>York Moraine Member (sand, gravelly) deposits are shown immediately south of the site. |
| **Solid Geology** | The superficial deposits are shown to be underlain by Triassic Sherwood Sandstone Group, which is described by the BGS as comprising 'sandstone - red, yellow and brown, part pebbly….subordinate red mudstone and siltstone'. |
| **Mining and Quarrying** | **Mining:** The Coal Authority online viewer indicates that the site is not within a coal mining reporting area. |

| | |
|---|---|
| | **Non-Coal Mining:** The Envirocheck Report states that the risk associated with non-coal mining activities is “no hazard”.<br><br>**Quarrying:** No active or historical quarries are known within the immediate vicinity of the site. Former gravel pits were located c. 120m - 250m to the southwest. |
| **BGS Recorded Mineral Sites** | Three BGS mineral sites are recorded within 500m, the closest located 204m to the southwest, referenced as Stock Hill Gravel Pits. The remaining two records are located 267m and 269m to the south / southwest, relating to the same site. The records relate to the opencast extraction of sand and gravel from the York Moraine Member, and are now all ceased. |
| **BGS Borehole Records** | Two BGS borehole records located approximately 650m to the south (refs. SE65SE1/A and 1/B, dated 1935) record bands of ‘clay and stones’ and gravels to a depth of 28m bgl. This is inferred by the BGS as comprising superficial glacial deposits. The superficial deposits are recorded to be underlain by sand and ‘grey rock’ inferred to represent Sherwood Sandstone, proven to a depth of 43m bgl. |

## 3.4. Hydrology and Hydrogeology

A summary of available information pertaining to hydrology and hydrogeology is present in Tables 3.3 to 3.5 below.

**Table 3.3 Surface Water Features**

| | **Presence/location** | **Comments** |
|---|---|---|
| **Classified Watercourses** | None recorded within 1km. | The site is recorded to lie within the Tang Hall Bk/Old Foss Bk catch, trib of River Foss catchment area, with an overall moderate ecological assessment and a fail chemical assessment, last recorded in 2019. |
| **Unclassified Watercourses** | Carr Goit from 440m to the north, orientated southwest-northeast. | Two ‘inland rivers’ / drains within 250m to the north. |

| | | |
|---|---|---|
| **Licensed Surface Water Abstractions** | None recorded within 1km. | |
| **Other Surface Water Features (Canals, Ponds, Lakes, etc.)** | Several small ponds within 250m of the site. | |
| **Flood Risk Status** | The site is recorded to lie within a Flood Zone 1, with a low probability of flooding from rivers and seas. | Flood Zones 2 and 3 are located 79m and 92m respectively to the northwest.<br>The site lies within an area with limited potential for groundwater flooding to occur. |

**Table 3.4 Groundwater Occurrence and Abstraction**

| | **Presence/location** | **Comments** |
|---|---|---|
| **Licensed Groundwater Abstractions** | Thirteen licenced groundwater abstractions are recorded within 1km of the site, all located 656m to 691m to the northeast. | Each record is registered to RS Cockerill (Farms) Ltd, for general agricultural and domestic purposes. The groundwater is abstracted from the Sherwood Sandstone and is last dated from 2017. |
| **Source Protection Zones** | The site is not recorded to be within a source protection zone. | |

**Table 3.5 Groundwater Vulnerability Status**

| | **Environment Agency Classification** |
|---|---|
| **Groundwater Classification** | The superficial deposits underlying the site are classified as a Secondary Undifferentiated Aquifer indicated by the EA as '*aquifers where it is not possible to apply either a Secondary A or B definition because of the variable characteristics of the rock type. These have only a minor value'.*<br><br>A Secondary A Aquifer associated with the York Moraine sand and gravel deposits is located immediately to the south, described as '*permeable layers that can support local water supplies, and may form an important source of base flow to rivers'.*<br><br>The sandstone bedrock is classified as a Principal Aquifer, indicated by the EA to '*provide significant quantities of drinking water, and water for business needs. They may also support rivers, lakes and wetlands'.* |

## 3.5. Landfilling and Waste Management

Information on waste management and related activities that could impact upon the site is summarised in Table 3.6.

**Table 3.6 Waste Management Activities**

| | **Presence / Location** | **Comments** |
|---|---|---|
| **Registered and Historical Landfills** **(within 1km)** | Two registered landfills are located within 1km of the site, the closest located 257m to the southwest. The second record is located 710m to the south.<br><br>Two historical landfill records are located within 1km, both located at similar distances to the registered landfill records. | The closest record is registered as 'Bull Balk Tipping Site', with no known restriction on sources of waste. The license was last dated from 1978 and is now lapsed / cancelled. The corresponding historical landfill record (located 179m to the southwest) indicates input dates between 1977 and 1978, with wastes including inert, industrial, commercial and household. The records appear to approximately |

| | Presence / Location | Comments |
|---|---|---|
| | | correlate with the location of a former pump house.<br><br>The second registered landfill record is registered to D Boswell, located within the Dunnington railway cutting. Authorised wastes included construction, demolition and inert wastes. The record is currently lapsed / cancelled, last dated from 1982. The corresponding historical landfill record (located 709m to the south), indicates input dates of between 1978 and 1990, and indicates the deposition of household waste as well as inert/industrial.<br><br>The railway cutting is also recorded as a local authority recorded landfill site. |
| **Other Licensed Waste Management Facilities** **(within 500m)** | Two licensed waste management facilities are located within 500m, both in a similar location to the landfill records detailed above (181m and 284m to the southwest). | The closest record (located 181m to the southwest) relates to the Bull Balk Tipping site and was last issued in 1978. The record is 'inactive'.<br><br>The second record (284m to the southwest) relates to an expired household, commercial and industrial waste landfill, last issued and expired in 1978. |
| **Evidence of Fly-Tipping on Site?** | No evidence of significant fly tipping, but general farm and agricultural wastes remain locally on site. | Wastes on site include stockpiles and broken fragments of ACM sheets, oil drums and containers and dismantled machinery parts. |

| | Presence / Location | Comments |
|---|---|---|
| **Other Evidence of Waste Disposal on or within 250m of Site** | Historic infilling of former gravel pits and offsite ponds. | Offsite ponds appear to have been infilled in the late 1990's. No records are available with regards to any infilling. |
| **Ground Gas Risk Assessment Required?** | It is recommended that a ground gas monitoring programme is undertaken to characterise and assess the risk to the proposed development. | There is a potential for hazardous ground gas generation and migration from made ground both on and off-site.<br>Possible sources on site include made ground associated with former development and any localised volatile organic contamination associated with spills and leakages from above and underground fuel storage tanks. Off-site sources include backfilled ponds in addition to a former landfill located 180m to the southwest. |

NR - none recorded

## 3.6. Radon Risk

The BGS and HPA "Indicative Atlas of Radon in England and Wales", and the assessment contained within the Envirocheck Report, indicate that the site lies within an area in which **no radon protective measures are required**.

## 3.7. Unexploded Ordnance (UXO)

Reference to maps published by Zetica indicates that the site is classified as lying within a low risk area for unexploded ordnance.

## 3.8. Previous Site Investigations

No previous site investigation reports relating to this site have been made available.

### 3.9. Other

From the Envirocheck Report, no local authority permitted activities or Control of Major Accident Hazard (COMAH) sites are recorded within typical influencing distances of the site.

There are two active contemporary trade directory entries within 250m of the site, the closest located 49m to the south referenced as an automation systems and equipment entry. The second record is located 107m to the south, referenced as a leaded lights and window entry.

The site is recorded as lying within a Nitrate Vulnerable Zone and is located within an area of unadopted green belt.

# 4. PRELIMINARY CONCEPTUAL MODEL

Based on the desk study information, a combined preliminary conceptual site model and conceptual exposure model (CSM) has been developed for the proposed future land use (low rise “residential with home grown produce”). This summarises the understanding of surface and sub-surface features, the potential contaminant sources, transport pathways and receptors to assess potential contaminant linkages.

A qualitative risk assessment has also been made of each contaminant linkage operating following the methodology described in Appendix C. The preliminary CSM is presented in schematic form in Drawing No. C9505/03 in Appendix A.

In summary, the preliminary CSM has identified the following potential contaminant linkages potentially posing an unacceptable level of risk (defined as being greater than “low” risk) in the proposed end-use:

- Heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons (TPH), pathogens and asbestos, in topsoil, made ground and shallow natural soils, associated with the former development and from any localised oil / fuel spillages are considered to pose a **moderate** risk to future site users, adjacent land users and construction workers via dermal, ingestion and dust inhalation pathways. Asbestos will be via an inhalation pathway only.

- Damage to construction materials (concrete and plastic) by sulphates and organic contaminants in soils and groundwater; these are considered to pose a **low to moderate** risk to the built environment via direct contact pathways.

- Phytotoxic effects of heavy metals (e.g. copper and zinc) on planting and landscaping within the proposed development, posing a **low to moderate** risk.

- Possible leachable (and mobile) metals, and metalloids, other inorganic and/or organic contaminants in perched/shallow groundwater, posing a **low to moderate** risk to the underlying Principal Aquifer and off site surface water features.

- Migration of hazardous ground gases (e.g. methane and carbon dioxide) into confined spaces within proposed structures, from possible made ground on and off site, pose a **moderate** risk to future site users.

- Inhalation of volatile organic compounds (VOC's) from localised fuel spillages posing a **moderate** risk to future site users.

The above assessment does not include potential asbestos containing materials (ACMs) within the infrastructure of existing buildings on-site. These are considered to pose a **low** risk to future site users and construction workers based on the assumption that a suitable asbestos survey is carried out by a specialist prior to demolition / redevelopment commencing at the site and that any identified ACMs are appropriately identified, removed or managed.

# 5. CONCLUSIONS AND RECOMMENDATIONS

## 5.1. General

It is understood that consideration is being given to the conversion, extension and alteration of existing barns to form a series of low-rise residential dwellings with associated areas of parking, courtyards and private gardens, following demolition of redundant agricultural buildings. Existing and proposed site plans are included within Appendix A of this report (drawing refs 044TYD 101 Rev. B and 201 Rev. C, respectively, by Charlotte Kitchen Architects Ltd, last dated June 2022).

In preparation of this report it has been assumed that ground levels will not change significantly from those currently present. If this is not the case, then amendments to the interpretation and conclusions in this report may be required.

## 5.2. Flood Risk

According to the Envirocheck Report and the EA website, the site is shown to be within Flood Zone 1.

## 5.3. Geotechnical

### Mining and Quarrying

Based on the site's geological setting, it is considered that the possibility of surface stability at the site being affected by past coal mining activities is negligible. The Envirocheck Report states that the risk associated with non-coal mining activities is "no hazard".

Inspection of historical OS plans has not revealed any evidence of quarrying or pitting beneath the site although historical gravel pits were located c. 120m-250m to the southwest. Consequently, the possibility of encountering unrecorded backfilled quarries/pits cannot be wholly discounted. It is recommended that excavations are examined for evidence of backfilled quarries/pits. If a backfilled quarry/pit is suspected, advice should be sought immediately from a suitably qualified engineer.

### Foundations

The nature and depth of foundations for any new extensions will be dependent on loadings, development levels and the detailed site geology, including:

- Location and thickness of any made ground or reworked soils;

- Presence / extent of substructures (such as basements, old foundations, etc);
- Bearing capacity of the natural strata;
- Groundwater levels;
- Proximity to trees where potentially shrinkable soils are present.

The suitability of old foundations for reuse, will be dependent on the factors discussed above, as well as their dimensions, depth and condition.

A ground investigation is required to confirm foundation requirements.

### Former Well

A former well was shown on historical plans between the 1890's and 1950's, located immediately west of the existing stables building which were subsequently constructed in the 1960's. It is recommended that the recorded location of the former well is investigated to assess the presence / condition of any remaining such feature.

## 5.4. Contamination

The preliminary conceptual site model indicates that contaminant linkages may be possible to a variety of receptors. Potential heavy metals, asbestos fibres, ACMs, organic, inorganic contaminants and pathogens in topsoil, localised made ground and/or shallow soils may pose a potential risk to construction workers, site end-users and controlled waters. Risks related to these potential linkages are currently given a qualitative assessment of "low to moderate" through to "moderate". The precise nature of the risks should be investigated further through site investigation.

## 5.5. Asbestos

The possibility of localised fragments of asbestos-containing materials within made ground or shallow soils, should not be discounted.

As part of any future redevelopment works a pre-demolition asbestos survey should be carried out by a suitably qualified specialist.

Construction workers involved in the groundworks and demolition during the site redevelopment are at high risk from exposure to contaminated soils, more specifically ACMs, given their close proximity and contact with the soil / building materials which may result in a long term human health risk from

the detected contaminants. These risks can be reduced by appropriate PPE and hygiene precautions and good working practices.

## 5.6. Ground Gas

A possible risk from hazardous gas sources exists, principally associated with areas of made ground and VOC's from any localised fuel spillages. To confirm the situation regarding hazardous gases on site, from potential on and off-site sources, a hazardous gas investigation would be required to determine the need or otherwise for gas protection measures in future buildings.

According to the BRE, radon protective measures are not required for the site.

## 5.7. Soakaways

Based on the anticipated ground conditions, the use of soakaways at the site are unlikely to be suitable. Site specific ground conditions should be investigated further through site investigation, however. Should ground conditions be considered potentially viable for soakaway drainage, in-situ infiltration tests should be completed to derive infiltration rates, in order to aid drainage design.

## 5.8. Invasive Plants

Invasive plant species were not observed during the site walkover, although their absence should be confirmed by an appropriately qualified specialist.

# 6. FURTHER INVESTIGATION

The following ground investigation works are recommended to inform the proposed residential development scheme:

- Window sample boreholes to investigate shallow soil and groundwater conditions and allow the recovery of soil samples for laboratory testing. SPTs should be undertaken. Gas/groundwater monitoring wells should be installed in selected boreholes.

- Hand-dug inspection pits to assess foundations to the existing buildings proposed for refurbishment.

- Should the initial site investigation identify ground conditions considered suitable for soakaways, in-situ infiltration tests could be undertaken to aid soakaway design.

- Geotechnical and contamination testing at UKAS accredited testing laboratories to adequately characterise the made ground and shallow soils.

- A programme of ground gas monitoring visits should be undertaken, to allow a ground gas risk assessment to be produced for the site, comprising six visits over a minimum three-month period. The gas monitoring should include VOC monitoring.

- Reporting.

Intrusive ground investigation works should be undertaken by a suitably qualified geoenvironmental consultant.

An asbestos survey of the existing buildings should be completed by an appropriately qualified consultant prior to any works being undertaken on them.

An ecological survey should be completed by a suitably qualified consultant to determine what, if any, implications this has on the proposed development.

# 7. REGULATORY APPROVALS

The conclusions and recommendations presented above are considered reasonable based on the findings of this desk study. However, these cannot be guaranteed to gain regulatory approval and therefore the report should be passed to the appropriate regulatory authorities, including the local authority, Environment Agency and / or other relevant organisations for their comment and approval prior to undertaking any works on site.

# APPENDIX A

# DRAWINGS


Scale 1:500 @ A3 0 5 10 20m

Notes:
As existing drawings based on survey information provided by Terra measurement dated Setember 2020.

**ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE.**
**DO NOT SCALE FROM DRAWINGS.**

Key:

- Site area (TBC)
- Proposed units

**ISSUED FOR:**
**Planning**

| Drawing Revision | Date | Description |
|---|---|---|
| B. | 07/06/2022 | Planning Issue |
| A. | 18/01/2021 | Additional text. |

Client:
Stephenson Rural

Project:
The Yews, Dunnington

Drawing Title:
Site Block Plan as Existing

| Scale: | Date: |
|---|---|
| 1:500@A3 | 03/11/2020 |

| Project Number: | Drawing Number: | Drawing Revision: |
|---|---|---|
| 044TYD | 101 | B. |



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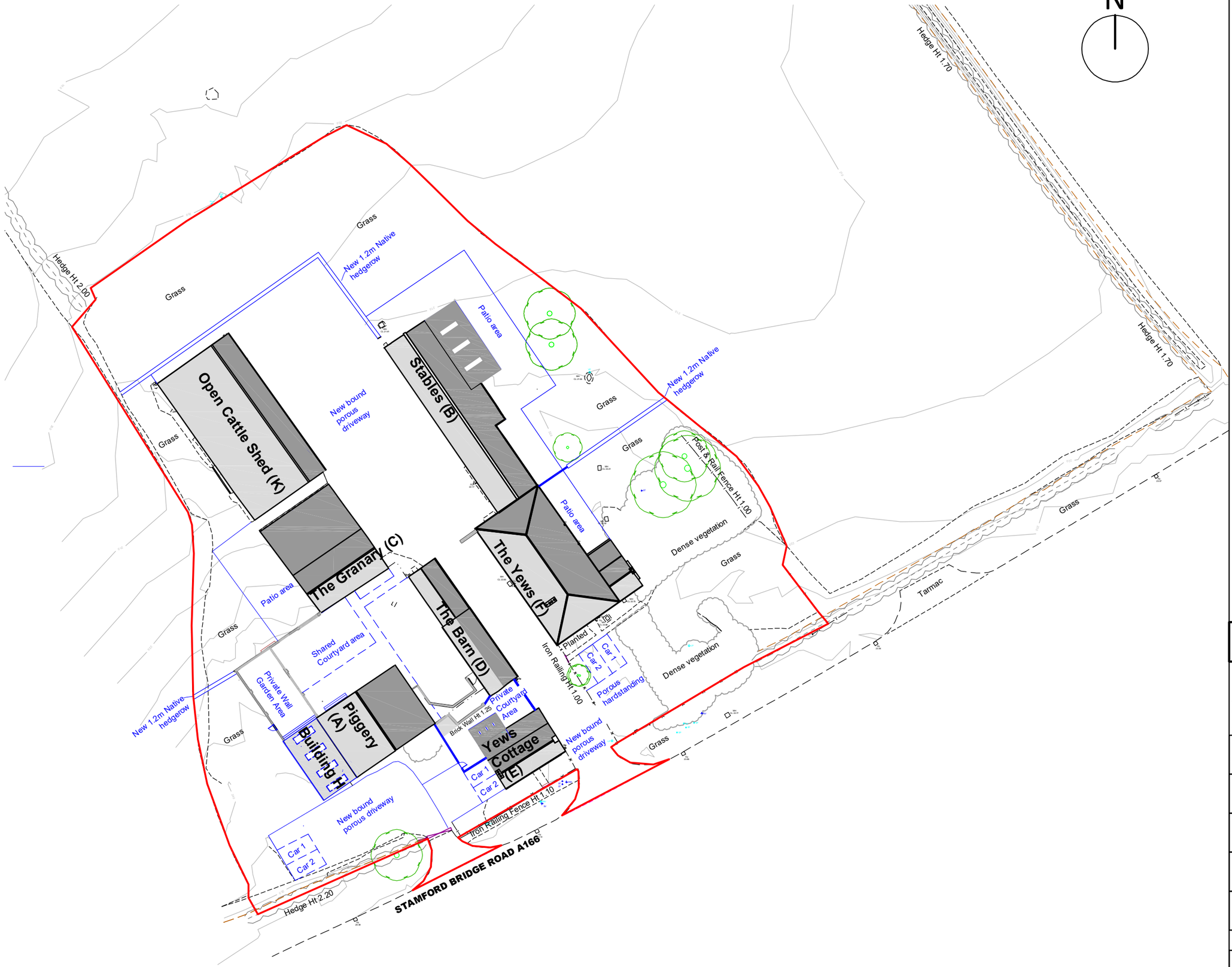


Notes:
As existing drawings based on survey information provided by Terra measurement dated Setember 2020.

**ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE.**
**DO NOT SCALE FROM DRAWINGS.**

Key:

— Site area (TBC)

**ISSUED FOR:**
**Planning**

| Drawing Revision | Date | Description |
|---|---|---|
| C. | 07/06/2022 | Planning Issue |
| B. | 30/05/2022 | Landscaping & roof plan updates |
| A. | 22/01/2021 | Landscaping updates |

Client:
Stephenson Rural

Project:
The Yews, Dunnington

Drawing Title:
Site Block Plan as Proposed

| Scale: | Date: | |
|---|---|---|
| 1:500@A3 | 19/01/2021 | |
| **Project Number:** | **Drawing Number:** | **Drawing Revision:** |
| 044TYD | 201 | C. |



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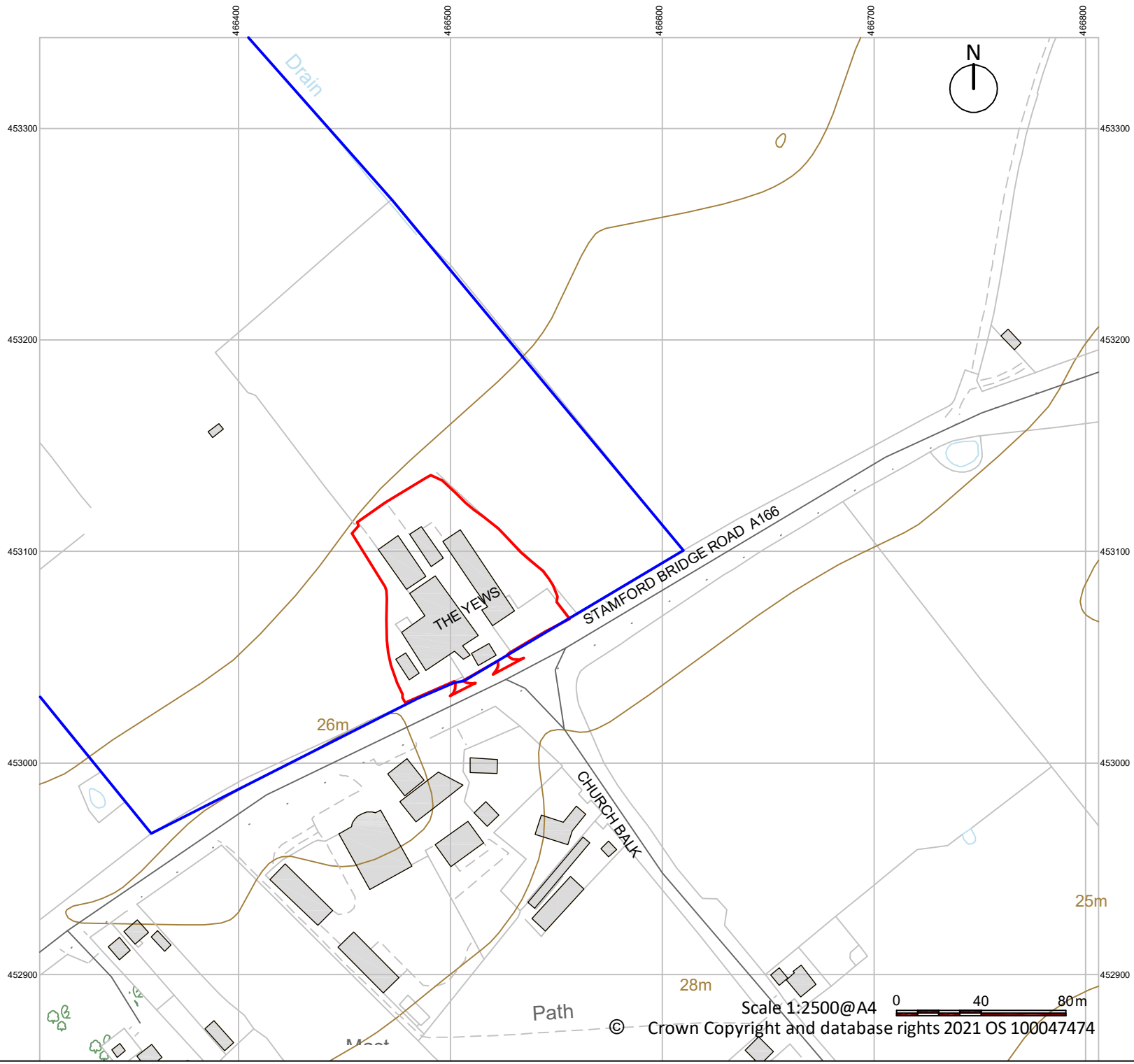


Notes:

- Site area
- Land owned by applicant

**ISSUED FOR:**
**Planning**

| Drawing Revision | Date | Description |
|---|---|---|
| A. | 07/06/2022 | Planning Issue |

Client:
Stephenson Rural

Project:
The Yews, Dunnington

Drawing Title:
Location Plan

| Scale: | Date: |
|---|---|
| 1:2500@A4 | 22/01/21 |

| Project Number: | Drawing Number: | Drawing Revision: |
|---|---|---|
| 044TYD | 100 | A. |

Do not scale from drawings. Check all dimensions on site



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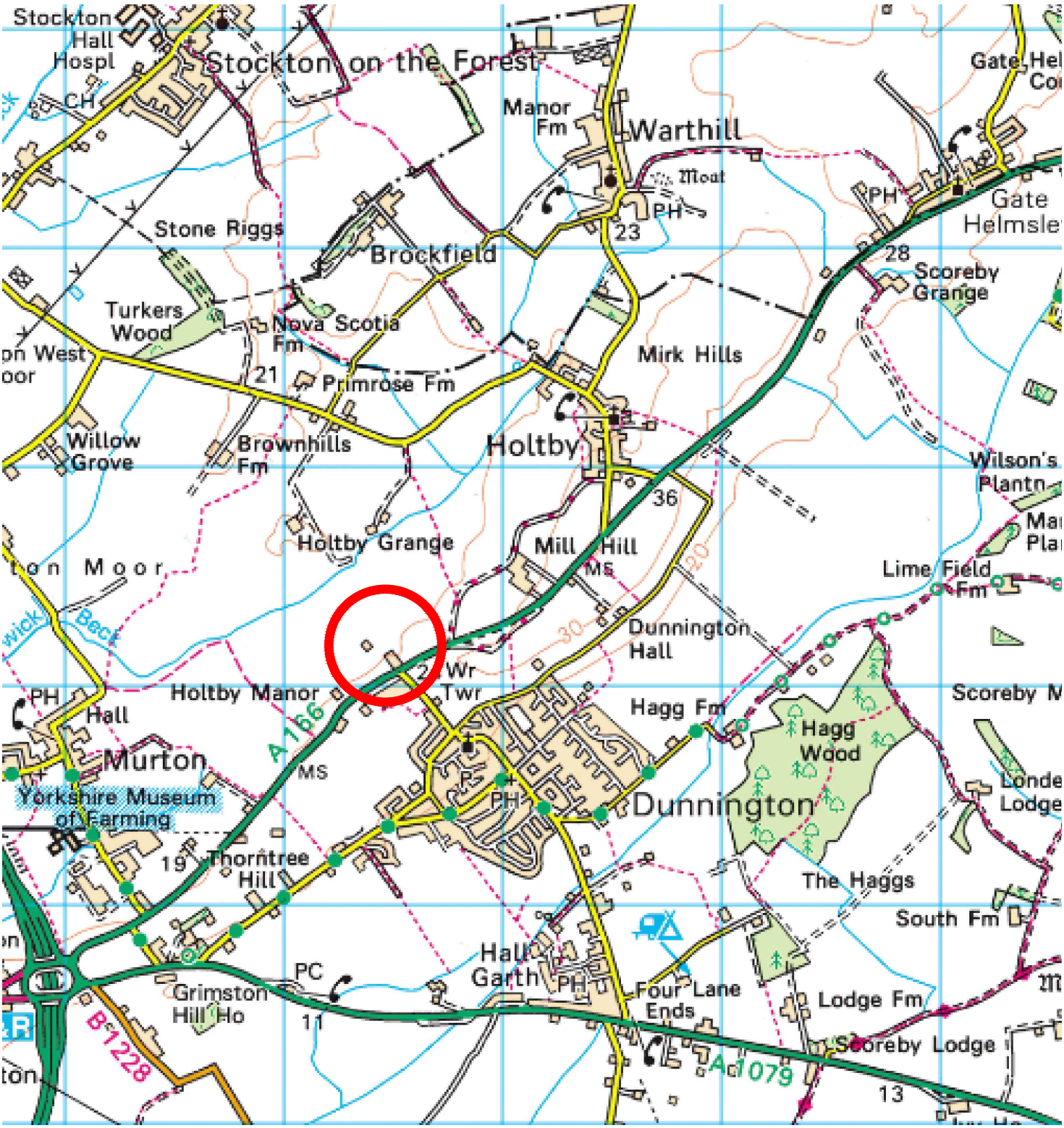




NOTES

Site Location

| REVISION | |
|---|---|
| 0 | For Information |
| A | >> |
| B | >> |
| C | >> |
| D | >> |

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4245 Park Approach, Thorpe Park, Leeds LS15 8GB
www.thesiriusgroup.com
TEL: 0113 264 9960
FAX: 0113 264 9962

| | | | |
|---|---|---|---|
| CLIENT: EM Cornforth Deceased c/o Grays Solicitors | DRAWING NO.: C9505/01 | REVISION NO.: 0 | |
| SITE: The Yews, Dunnington | DRAWN BY: MF | APPROVED BY: GH | |
| DRAWING TITLE: Site Location Plan | DATE: June 2022 | SCALE: 1:25,000 | A4 |

1. View of The Yews Cottage looking northwest.

2. View of brick built farm buildings.

3. Evidence of septic tank located within grassed area.

4. View of fuel pump looking south.

5. Evidence of bird guano / droppings on floors of open buildings.

6. Photo looking northwards towards shed, with The Yews to the east and barns to the west.


7.Evidence of fuel pump and possible underground fuel storage tank looking south.

8. Hoppers located in northern most shed.

9. View of concrete hardstand to the north of the cattle shed.

10. Asbestos cement sheeting noted in stockpiles locally within the site.

11. Photo taken looking eastwards within the stables, with oil drums and containers evident.

12. Photo of above ground storage tank located to the west of The Yews.

NOTES

Site Boundary

| REVISION | | BY | DATE |
|---|---|---|---|
| 0 | For Information | MF | 27/06/22 |
| A | >> | >> | >> |
| B | >> | >> | >> |
| C | >> | >> | >> |
| D | >> | >> | >> |


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CLIENT

**EM Cornforth Deceased**
**c/o Grays Solicitors**

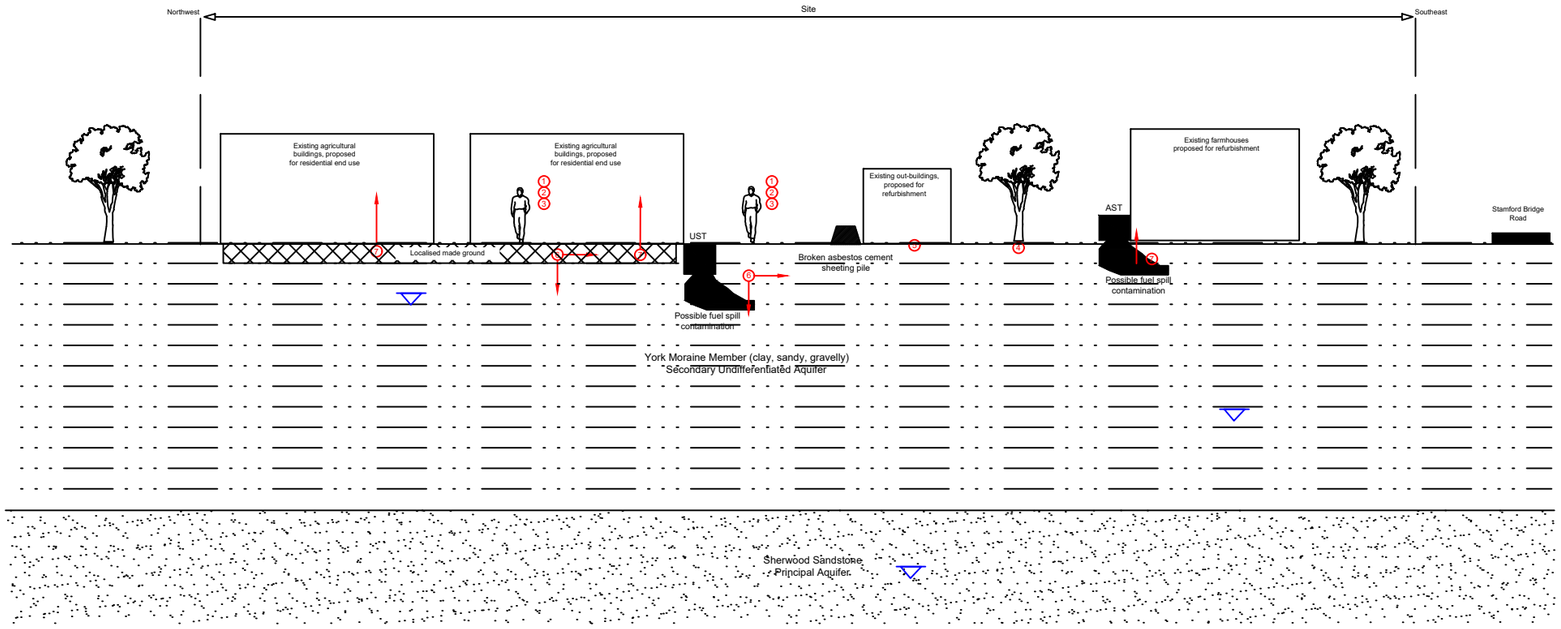
SITE

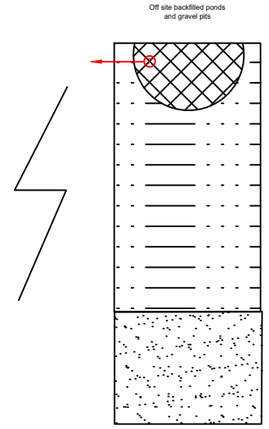
**The Yews,**
**Dunnington**

DRAWING TITLE

**Site Features Plan**

| DRAWING NO. | REVISION NO. |
|---|---|
| C9505/02 | 0 |
| DRAWN BY | APPROVED BY |
| MF | GH |
| DATE | SCALE | PAPER SIZE |
| June 2022 | NTS | A2 |




| Contamination Source | Contamination Pathway | Potential Receptors | Risk of Significant Contamination Linkage |
|---|---|---|---|
| Metals, metalloids, inorganic compounds (including sulphates), asbestos (inhalation only), hydrocarbons (including PAH's) and pathogens may be present within made ground and shallow natural soils at the site. | 1) Direct and Indirect Ingestion<br>2) Inhalation of contaminated particles and dust<br>3) Dermal contact | Construction workers, site end users and adjacent land users | Moderate |
| | 4) Plant Uptake | Areas of soft landscaping | Low to Moderate |
| | 5) Sulphate Attack | Built environment | Low to Moderate |
| Possible leachable (and mobile) metals, and metalloids, other inorganic and/or organic contaminants in perched/shallow groundwater. | 6) Leaching via groundwater flow | Underlying Principal Aquifer and off-site surface water features | Low to Moderate |
| Hazardous permanent ground gases and VOCs resulting from areas of possible made ground and localised fuel oil spills. | 7) Gas migration | Construction workers, site end users and adjacent land users | Moderate |

NOTES

| REVISION | | BY | DATE |
|---|---|---|---|
| 0 | For Information | MF | 23/04/20 |
| A | >> | >> | >> |
| B | >> | >> | >> |
| C | >> | >> | >> |
| D | >> | >> | >> |

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CLIENT

**EM Cornforth Deceased c/o Grays Solicitors**

SITE

**The Yews Dunnington**

DRAWING TITLE

**Preliminary Conceptual Site Model**

| DRAWING NO. | REVISION NO. |
|---|---|
| C9505/03 | 0 |
| DRAWN BY | APPROVED BY |
| GH | RH |
| DATE | SCALE | PAPER SIZE |
| June 2022 | NTS | A3 |

# APPENDIX B

# ENVIROCHECK REPORT

# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
296815701_1_1

**Customer Reference:**
C9505

**National Grid Reference:**
466500, 453080

**Slice:**
A

**Site Area (Ha):**
0.67

**Search Buffer (m):**
1000

## Site Details:

The Yews, Stamford Bridge Road
Dunnington
YORK
YO19 5LQ

## Client Details:

Ms S Howson
Sirius Geotechnical Ltd
4245 Park Approach
Thorpe Park
Leeds
LS15 8GB

# Contents



**Introduction**

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.



**Report Version v53.0**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| BGS Groundwater Flooding Susceptibility | pg 1 | Yes | Yes | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 1 | | | | 7 |
| Prosecutions Relating to Controlled Waters | | | n/a | n/a | n/a |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | | | | | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | | | | | |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 3 | | Yes | | |
| Pollution Incidents to Controlled Waters | pg 3 | | | | 1 |
| Prosecutions Relating to Authorised Processes | | | | | |
| Registered Radioactive Substances | | | | | |
| River Quality | | | | | |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | pg 3 | | | | 2 |
| Water Abstractions | pg 3 | | | | 13 (*6) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability Map | pg 8 | Yes | n/a | n/a | n/a |
| Groundwater Vulnerability - Soluble Rock Risk | | | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 8 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 8 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 9 | | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 9 | | 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 9 | | 3 | 11 | 55 |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 17 | | 1 | | 1 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | pg 17 | | 1 | | 1 |
| Licensed Waste Management Facilities (Locations) | pg 17 | | | 1 | 2 |
| Local Authority Landfill Coverage | pg 18 | 1 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | pg 18 | | | | 1 |
| Registered Landfill Sites | pg 18 | | | 1 | 1 |
| Registered Waste Transfer Sites | | | | | |
| Registered Waste Treatment or Disposal Sites | | | | | |
| **Hazardous Substances** | | | | | |
| Control of Major Accident Hazards Sites (COMAH) | | | | | |
| Explosive Sites | | | | | |
| Notification of Installations Handling Hazardous Substances (NIHHS) | | | | | |
| Planning Hazardous Substance Consents | | | | | |
| Planning Hazardous Substance Enforcements | | | | | |
| **Geological** | | | | | |
| BGS 1:625,000 Solid Geology | pg 20 | Yes | n/a | n/a | n/a |
| BGS Recorded Mineral Sites | pg 20 | | 1 | 2 | |
| 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 | | | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 20 | Yes | | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 20 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 20 | Yes | | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 20 | Yes | | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 20 | Yes | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | | | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 22 | | 5 | | 3 |
| Fuel Station Entries | | | | | |
| Gas Pipelines | | | | | |
| Underground Electrical Cables | | | | | |
| **Sensitive Land Use** | | | | | |
| Ancient Woodland | | | | | |
| Areas of Adopted Green Belt | | | | | |
| Areas of Unadopted Green Belt | pg 23 | 1 | | | |
| Areas of Outstanding Natural Beauty | | | | | |
| Environmentally Sensitive Areas | | | | | |
| Forest Parks | | | | | |
| Local Nature Reserves | | | | | |
| Marine Nature Reserves | | | | | |
| National Nature Reserves | | | | | |
| National Parks | | | | | |
| Nitrate Sensitive Areas | | | | | |
| Nitrate Vulnerable Zones | pg 23 | 1 | 1 | 1 | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |
| World Heritage Sites | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (W) | 50 | 1 | 466400 453100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (N) | 113 | 1 | 466500 453250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (NE) | 265 | 1 | 466650 453350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (NE) | 335 | 1 | 466700 453400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A12SE (W) | 400 | 1 | 466050 453079 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A12SE (W) | 450 | 1 | 466000 453079 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A12SE (W) | 453 | 1 | 466000 453050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A17SE (NW) | 490 | 1 | 466100 453450 |
| 1 | **Discharge Consents**<br>Operator: R S Cockerill (York) Limited<br>Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)<br>Location: Stamford Bridge Road, Dunnington, York, North Yorkshire, Yo19 5ae<br>Authority: Environment Agency, North East Region<br>Catchment Area: Fosse Drain<br>Reference: Npswqd009751<br>Permit Version: 1<br>Effective Date: 25th November 2009<br>Issued Date: 25th November 2009<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Drain To Carr Goit<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 709 | 2 | 467052 453584 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Grain Dryers Ltd<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Harvest Mills, Dunnington, York, North Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Ouse<br>Reference: 458<br>Permit Version: 1<br>Effective Date: 23rd November 1955<br>Issued Date: 23rd November 1955<br>Revocation Date: 17th May 1991<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Tillmire Drain<br>**Status: Authorisation revoked**<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S) | 835 | 2 | 466600 452200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 3 | **Discharge Consents**<br>Operator: North Yorkshire County Council<br>Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)<br>Location: Six Old Peoples Dwellings, Dunnington, York, North Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Ouse<br>Reference: 1007<br>Permit Version: 1<br>Effective Date: 28th May 1959<br>Issued Date: 28th May 1959<br>Revocation Date: 10th September 1992<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Common Drain/<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S) | 869 | 2 | 466200 452200 |
| 4 | **Discharge Consents**<br>Operator: R S Cockerill (York) Limited<br>Property Type: MAKING OF FOOD PRODUCTS/DAIRY<br>Location: Settlement Lagoon At R S Cockerill Providence Business Park, Stamford Bridge Road, Dunnington, York, Yo19 5ae<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: Eprhb3891af<br>Permit Version: 1<br>Effective Date: 14th March 2019<br>Issued Date: 14th March 2019<br>Revocation Date: 31st December 2019<br>Discharge Type: Trade Discharge - Process Water<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Carr Goit<br>**Status: New issued under EPR 2010**<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE) | 938 | 2 | 466882 453991 |
| 4 | **Discharge Consents**<br>Operator: R S Cockerill (York) Limited<br>Property Type: MAKING OF FOOD PRODUCTS/DAIRY<br>Location: Settlement Lagoon At R S Cockerill Providence Business Park, Stamford Bridge Road, Dunnington, York, Yo19 5ae<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: Eprhb3891af<br>Permit Version: 2<br>Effective Date: 1st January 2020<br>Issued Date: 14th March 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Process Water<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Carr Goit<br>**Status: New issued under EPR 2010**<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE) | 938 | 2 | 466882 453991 |
| 5 | **Discharge Consents**<br>Operator: Mr & Mrs J Bolam<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Hagg Farm Intake Lane, Dunnington, York, North Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Derwent; Rye And Tributaries<br>Reference: S/P/1154<br>Permit Version: 1<br>Effective Date: 18th May 1963<br>Issued Date: 18th May 1963<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Common Drain<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S) | 965 | 2 | 466200 452100 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 6 | **Discharge Consents**<br>Operator: J D Yates<br>Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)<br>Location: Residential Development, Dunnington, York, North Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Ouse<br>Reference: 517<br>Permit Version: 1<br>Effective Date: 27th March 1956<br>Issued Date: 27th March 1956<br>Revocation Date: 6th November 1992<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Common Drain<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A7SE (S) | 998 | 2 | 466100 452100 |
| | **Nearest Surface Water Feature** | A13NW (N) | 113 | - | 466484 453250 |
| 7 | **Pollution Incidents to Controlled Waters**<br>Property Type: Miscellaneous Premises: Unknown<br>Location: Toll Brdg Selby/Cawood Brdge Ouse 14<br>Authority: Environment Agency, North East Region<br>Pollutant: Rubbish<br>Note: Not Supplied<br>Incident Date: 7th December 1989<br>Incident Reference: 106728<br>Catchment Area: Not Given<br>Receiving Water: Pond/Lake<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SE (E) | 744 | 2 | 467300 453000 |
| 8 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 4th November 2004<br>Incident Reference: 275967<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 3 - Minor Incident<br>Land Impact: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Specific Waste Materials: Commercial Waste<br>Pollutant: Specific Waste Materials: Contaminated Construction & Demolition Material & Waste<br>Pollutant: Specific Waste Materials: Household Waste | A7SE (SW) | 847 | 2 | 466006 452319 |
| 9 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 14th October 2004<br>Incident Reference: 272542<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 3 - Minor Incident<br>Land Impact: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m<br>Pollutant: Specific Waste Materials: Commercial Waste<br>Pollutant: Specific Waste Materials: Contaminated Construction & Demolition Material & Waste<br>Pollutant: Specific Waste Materials: Household Waste | A7SE (SW) | 848 | 2 | 465900 452400 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/490<br>Permit Version: 1<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Stamford Bridge Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 656 | 2 | 467030 453530 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/376<br>Permit Version: 101<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Stamford Bridge Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 11th December 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 656 | 2 | 467030 453530 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/341<br>Permit Version: 101<br>Location: Borehole - Sherwood Sandstone - Holtby<br>Authority: Environment Agency, North East Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 14th November 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 656 | 2 | 467030 453530 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd C/O Martin Richard Cockerill<br>Licence Number: 2/27/24/341<br>Permit Version: 100<br>Location: Borehole - Sherwood Sandstone - Holtby<br>Authority: Environment Agency, North East Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 40<br>Yearly Rate (m3): 6000<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 15th October 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE) | 656 | 2 | 467030 453530 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd C/O Martin Richard Cockerill<br>Licence Number: 2/27/24/341<br>Permit Version: 100<br>Location: Borehole - Sherwood Sandstone -<br>Authority: Environment Agency, North East Region<br>Abstraction: Agricultural Vegetable Wash<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 15th October 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 656 | 2 | 467030 453530 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd C/O Martin Richard Cockerill<br>Licence Number: 2/27/24/376<br>Permit Version: 100<br>Location: Borehole - Sherwood Sandstone -<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 1000<br>Yearly Rate (m3): 30000<br>Details: Providence Farm, Stamford Bridge Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 2nd July 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 656 | 2 | 467030 453530 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/341<br>Permit Version: 102<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 13th July 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 660 | 2 | 467031 453534 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/341<br>Permit Version: 102<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: Agricultural Vegetable Wash<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 13th July 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 660 | 2 | 467031 453534 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/341<br>Permit Version: 102<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: Agricultural Vegetable Wash<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 13th July 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 660 | 2 | 467031 453534 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/490/R01<br>Permit Version: 1<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Stamford Bridge Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st April 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 660 | 2 | 467031 453534 |
| 10 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/341<br>Permit Version: 101<br>Location: Borehole - Sherwood Sandstone - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: Agricultural Vegetable Wash<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE) | 660 | 2 | 467031 453534 |
| 11 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Ltd<br>Licence Number: 2/27/24/341<br>Permit Version: 101<br>Location: Borehole - Sherwood Sandstone - Holtby<br>Authority: Environment Agency, North East Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Providence Farm, Holtby, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE) | 691 | 2 | 467100 453500 |
| 11 | **Water Abstractions**<br>Operator: R S Cockerill (Farms) Limited<br>Licence Number: 2/27/24/238<br>Permit Version: Not Supplied<br>Location: Borehole Submersible Pump<br>Authority: Environment Agency, North East Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 1000<br>Yearly Rate (m3): 37000<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE) | 691 | 2 | 467100 453500 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J H Ford & Son<br>Licence Number: 2/27/24/454/R01<br>Permit Version: 1<br>Location: Common Drain - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thorntree Hill Farm, York Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 30 November<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A10NW (SE) | 1375 | 2 | 467781 452439 |
| | **Water Abstractions**<br>Operator: J H Ford & Son<br>Licence Number: 2/27/24/454<br>Permit Version: 2<br>Location: Common Drain - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thorntree Hill Farm, York Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 30 November<br>Permit Start Date: 10th May 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A10NW (SE) | 1375 | 2 | 467781 452439 |
| | **Water Abstractions**<br>Operator: Mr J England<br>Licence Number: 2/27/24/263<br>Permit Version: 100<br>Location: Borehole<br>Authority: Environment Agency, North East Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 45<br>Yearly Rate (m3): 15900<br>Details: Willow Court, Holtby, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 31st May 1990<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A24SE (NE) | 1555 | 2 | 467400 454400 |
| | **Water Abstractions**<br>Operator: Stephenson & Son & R M English & Son<br>Licence Number: 2/27/24/157<br>Permit Version: 100<br>Location: Borehole - Sherwood Sandstone - Murton<br>Authority: Environment Agency, North East Region<br>Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 114<br>Yearly Rate (m3): 19093<br>Details: Livestock Centre, Murton, York<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 27th January 1971<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A1NE (SW) | 1699 | 2 | 465200 451900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J H Ford & Son<br>Licence Number: 2/27/24/454/R01<br>Permit Version: 1<br>Location: Drain - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thorntree Hill Farm, York Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 30 November<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (E) | 1926 | 2 | 468470<br>453310 |
| | **Water Abstractions**<br>Operator: J H Ford & Son<br>Licence Number: 2/27/24/454<br>Permit Version: 2<br>Location: Drain - Dunnington<br>Authority: Environment Agency, North East Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thorntree Hill Farm, York Road, Dunnington, York<br>Authorised Start: 01 April<br>Authorised End: 30 November<br>Permit Start Date: 10th May 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (E) | 1926 | 2 | 468470<br>453310 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Mixed<br>Dilution: <300 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: >90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | A13SW (SW) | 0 | 3 | 466499<br>453079 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Mixed<br>Dilution: <300 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: >90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | A13SW (S) | 0 | 3 | 466504<br>453048 |
| | **Groundwater Vulnerability - Soluble Rock Risk**<br>None | | | | |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Principal Aquifer | A13SW (SW) | 0 | 3 | 466499<br>453079 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | A13SW (S) | 0 | 3 | 466504<br>453048 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | A13SW (SW) | 0 | 3 | 466499<br>453079 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (W) | 79 | 2 | 466375 453130 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (NW) | 92 | 2 | 466365 453140 |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |
| 12 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 182.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13NW (N) | 113 | 4 | 466484 453250 |
| 13 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 3.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13SW (W) | 178 | 4 | 466275 453071 |
| 14 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 80.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13SW (W) | 180 | 4 | 466274 453068 |
| 15 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 6.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13SW (W) | 255 | 4 | 466210 453021 |
| 16 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 132.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13SW (W) | 260 | 4 | 466205 453017 |
| 17 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13NW (N) | 278 | 4 | 466373 453387 |
| 18 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 390.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13NW (N) | 278 | 4 | 466373 453387 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 19 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 151.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A13NW (NW) | 314 | 4 | 466266 453363 |
| 20 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 79.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12SE (W) | 431 | 4 | 466047 452955 |
| 21 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 100.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18SE (NE) | 440 | 4 | 466827 453427 |
| 22 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 270.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A17SE (NW) | 444 | 4 | 466158 453442 |
| 23 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 336.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18SW (NW) | 448 | 4 | 466185 453471 |
| 24 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12SE (W) | 475 | 4 | 465987 453003 |
| 25 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 129.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12SE (W) | 480 | 4 | 465982 452999 |
| 26 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 391.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18SE (NE) | 520 | 4 | 466740 453595 |
| 27 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 534 | 4 | 466914 453475 |

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|---|---|---|---|---|---|
| 28 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 108.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 537 | 4 | 466918 453475 |
| 29 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 310.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NE (NW) | 550 | 4 | 465951 453336 |
| 30 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NE (NW) | 550 | 4 | 465951 453336 |
| 31 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 183.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NE (NW) | 552 | 4 | 465948 453334 |
| 32 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 60.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18SW (N) | 568 | 4 | 466390 453695 |
| 33 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 250.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18SW (N) | 573 | 4 | 466439 453707 |
| 34 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 206.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 578 | 4 | 466952 453499 |
| 35 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 638 | 4 | 467002 453533 |
| 36 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 27.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A9NW (SE) | 640 | 4 | 467076 452692 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 37 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 1.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 648 | 4 | 466907 453635 |
| 38 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 222.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 649 | 4 | 467012 453539 |
| 39 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 3.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 649 | 4 | 466906 453637 |
| 40 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 20.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 652 | 4 | 467019 453536 |
| 41 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 51.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Ings Drain<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A8SW (S) | 669 | 4 | 466486 452357 |
| 42 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 83.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 679 | 4 | 466657 453795 |
| 43 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 680 | 4 | 465787 453252 |
| 44 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 40.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 684 | 4 | 465782 453250 |
| 45 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 29.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Ings Drain<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A8SW (S) | 692 | 4 | 466441 452334 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 46 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 81.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 692 | 4 | 465758 453115 |
| 47 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 36.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 706 | 4 | 465755 453227 |
| 48 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 706 | 4 | 465755 453227 |
| 49 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 5.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Ings Drain<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A8SW (S) | 710 | 4 | 466464 452316 |
| 50 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 710 | 4 | 465752 453232 |
| 51 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 21.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Ings Drain<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A8SW (S) | 713 | 4 | 466468 452312 |
| 52 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 299.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 713 | 4 | 465749 453237 |
| 53 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 806.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Ings Drain<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A8SW (S) | 727 | 4 | 466485 452298 |
| 54 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 16.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 728 | 4 | 465727 453190 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 55 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 731 | 4 | 466732 453828 |
| 56 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 224.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 733 | 4 | 466732 453830 |
| 57 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 302.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 733 | 4 | 466732 453830 |
| 58 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 733 | 4 | 465724 453207 |
| 59 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 736 | 4 | 465721 453205 |
| 60 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 626.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Osbaldwick Beck<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A12NW (W) | 738 | 4 | 465719 453204 |
| 61 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 60.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SE (NE) | 768 | 4 | 467203 453490 |
| 62 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 3.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A17SW (NW) | 826 | 4 | 465789 453599 |
| 63 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 15.9<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 848 | 4 | 467115 453717 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 64 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 110.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A9NE (SE) | 854 | 4 | 467293 452634 |
| 65 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 30.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19SW (NE) | 864 | 4 | 467128 453726 |
| 66 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 576.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A17SW (NW) | 929 | 4 | 465619 453520 |
| 67 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 129.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 932 | 4 | 466543 454067 |
| 68 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.2<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A17SW (NW) | 933 | 4 | 465604 453498 |
| 69 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 934 | 4 | 466548 454069 |
| 70 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 100.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A18NE (N) | 935 | 4 | 466551 454070 |
| 71 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 6.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19NW (NE) | 937 | 4 | 466880 453991 |
| 72 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 446.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A7NW (SW) | 940 | 4 | 465622 452624 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 73 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 609.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A19NW (NE) | 943 | 4 | 466883 453996 |
| 74 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 253.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A9NE (SE) | 958 | 4 | 467362 452549 |
| 75 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 330.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A9NE (SE) | 958 | 4 | 467362 452549 |
| 76 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 21.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 2 | A19SE (E) | 967 | 4 | 467460 453422 |
| 77 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 275.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A23SW (N) | 973 | 4 | 466426 454108 |
| 78 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A23SE (N) | 983 | 4 | 466644 454108 |
| 79 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 181.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Sandland Drain<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A23SE (N) | 992 | 4 | 466638 454118 |
| 80 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 270.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Carr Goit<br>Catchment Name: Ouse Yorkshire<br>Primacy: 1 | A23SE (N) | 992 | 4 | 466638 454118 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 81 | **Historical Landfill Sites**<br>Licence Holder: Mr J D Waines<br>Location: Stamford Bridge Road, Dunnington<br>Name: Bull Balks Tipping Site<br>Operator Location: 23 Water Lane, Dunnington, York<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD05670<br>First Input Date: 31st December 1977<br>Last Input Date: 31st December 1978<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste<br>EA Waste Ref: 68603<br>Regis Ref: YP4/L/WAI001<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 0700/NYCC/074, WAI001 | A13SW (SW) | 179 | 2 | 466357 452888 |
| 82 | **Historical Landfill Sites**<br>Licence Holder: D Boswell<br>Location: Railway Cutting Extension, Dunnington,York<br>Name: Dunnington Landfill Site<br>Operator Location: The White House, Kerby Avenue, York<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD05254<br>First Input Date: 31st December 1978<br>Last Input Date: 31st March 1990<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste<br>EA Waste Ref: 68523<br>Regis Ref: YP1/L/BOS001<br>WRC Ref: 2700/0021<br>BGS Ref: Not Supplied<br>Other Ref: BOS001, 0700/NYCC/093, 00010206J | A8SW (S) | 709 | 2 | 466408 452319 |
| 83 | **Licensed Waste Management Facilities (Landfill Boundaries)**<br>Name: Bull Balk Tipping Site<br>Licence Number: 68603<br>Location: Stamford Bridge Road, Dunnington, York, North Yorkshire, YO19 5QU<br>Licence Holder: Waines Mr J D<br>Authority: Environment Agency - North East Region, Dales Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>Max Input Rate: Not Supplied<br>**Licence Status:** **Inactive**<br>Issued: 18th May 1978<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: As Supplied | A13SW (SW) | 181 | 2 | 466356 452887 |
| 84 | **Licensed Waste Management Facilities (Landfill Boundaries)**<br>Name: Dunnington Landfill & Railway Cutting, Extension<br>Licence Number: 68523<br>Location: Dunnington, York, YO1 5LN<br>Licence Holder: Boswell D<br>Authority: Environment Agency - North East Region, Dales Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>Max Input Rate: Not Supplied<br>**Licence Status:** **Inactive**<br>Issued: 8th November 1978<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: As Supplied | A8SW (S) | 711 | 2 | 466408 452318 |
| 85 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 68603<br>Location: Stamford Bridge Road, Dunnington, York, North Yorkshire, YO19 5QU<br>Operator Name: Waines Mr J D<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>**Licence Status:** **Expired**<br>Issued: 18th May 1978<br>Last Modified: Not Supplied<br>Expires: 22nd May 1978<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A13SW (SW) | 284 | 2 | 466300 452800 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 86 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 66176<br>Location: Sledmere Crossing Depot, Stamford Bridge Road, Dunnington, York, North Yorkshire, YO19 5LN<br>Operator Name: Boswell John<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Household, Commercial And Industrial Transfer Stations<br>**Licence Status:** **Issued**<br>Issued: 10th March 2006<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A7SE (SW) | 837 | 2 | 466020 452321 |
| 87 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 68523<br>Location: Dunnington, York, North Yorkshire, YO1 5LN<br>Operator Name: Boswell D<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>**Licence Status:** **Expired**<br>Issued: 8th November 1978<br>Last Modified: Not Supplied<br>Expires: 13th August 1992<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A7SE (SW) | 848 | 2 | 465900 452400 |
| | **Local Authority Landfill Coverage**<br>Name: City of York Council<br>- Has supplied landfill data | | 0 | 5 | 466499 453079 |
| 88 | **Local Authority Recorded Landfill Sites**<br>Location: Dunnington Railway Cutting<br>Reference: NYCC093<br>Authority: Ryedale District Council, Environmental Health<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A8SW (S) | 709 | 6 | 466408 452319 |
| 89 | **Registered Landfill Sites**<br>Licence Holder: J D Waines<br>Licence Reference: NYCC/074<br>Site Location: Bull Balk Tipping Site, Dunnington, York, North Yorkshire<br>Licence Easting: 466350<br>Licence Northing: 452800<br>Operator Location: The Cottage, Water Lane, Tarbock Green, Liverpool, Merseyside, L35 1re<br>Authority: Environment Agency - North East Region, Dales Area<br>Site Category: Landfill<br>Max Input Rate: Undefined<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 18th May 1978<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste Old Licence - Wastes Not To Hand | A13SW (SW) | 257 | 2 | 466350 452800 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 90 | **Registered Landfill Sites**<br>Licence Holder: D Boswell<br>Licence Reference: NYCC/093<br>Site Location: Dunnington Railway Cutting (Ext'N), York, North Yorkshire<br>Licence Easting: Not Supplied<br>Licence Northing: Not Supplied<br>Operator Location: The White House, Kexby Avenue, York, North Yorkshire<br>Authority: Environment Agency - North East Region, Dales Area<br>Site Category: Landfill - Railway cutting<br>Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 16th April 1982<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: Moderate<br>Authorised Waste Constr'N/Demol. Inert/Non-Haz/Non-Tox<br>Prohibited Waste Biodegradable/Putrescible Waste<br>Liquid Wastes<br>Notifiable Wastes<br>Poisonous, Noxious, Polluting Wastes<br>Slurry Wastes<br>Special Wastes<br>Water Soluble/Soluble Waste | A8SW (S) | 710 | 2 | 466403 452319 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS 1:625,000 Solid Geology**<br>Description: Triassic Rocks (Undifferentiated) | A13SW (SW) | 0 | 1 | 466499 453079 |
| 91 | **BGS Recorded Mineral Sites**<br>Site Name: Stock Hill Gravel Pits<br>Location: Dunnington, York, North Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 224673<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: York Moraine Member<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SW (S) | 204 | 1 | 466407 452832 |
| 92 | **BGS Recorded Mineral Sites**<br>Site Name: Stock Hill Gravel Pits<br>Location: Dunnington, York, North Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 224671<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: York Moraine Member<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 267 | 1 | 466349 452789 |
| 92 | **BGS Recorded Mineral Sites**<br>Site Name: Stock Hill Gravel Pits<br>Location: Dunnington, York, North Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 224672<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: York Moraine Member<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SW (S) | 269 | 1 | 466393 452768 |
| | **Coal Mining Affected Areas**<br>In an area that might not be affected by coal mining | | | | |
| | **Non Coal Mining Areas of Great Britain**<br>No Hazard | | | | |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 80 | 1 | 466412 453181 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 80 | 1 | 466412 453181 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 0 | 1 | 466504 453048 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 80 | 1 | 466412 453181 |
| | **Radon Potential - Radon Affected Areas**<br>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).<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 1 | 466499 453079 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 93 | **Contemporary Trade Directory Entries**<br>Name: Machines Automation Robotic Systems Ltd<br>Location: Mars Technology Centre, Stamford Bridge Road, Dunnington, YORK, YO19 5LJ<br>Classification: Automation Systems & Equipment<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A13SW (S) | 49 | - | 466488 452979 |
| 93 | **Contemporary Trade Directory Entries**<br>Name: Cars 4 All<br>Location: Stamford Bridge Road, Dunnington, York, North Yorkshire, YO19 5LJ<br>Classification: Car Dealers - Used<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SW (S) | 49 | - | 466488 452979 |
| 93 | **Contemporary Trade Directory Entries**<br>Name: Renault Agriculture York<br>Location: Stamford Bridge Road, Dunnington, York, YO19 5LJ<br>Classification: Agricultural Machinery - Sales & Service<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SW (S) | 75 | - | 466457 452952 |
| 94 | **Contemporary Trade Directory Entries**<br>Name: Barley Studio<br>Location: Church Balk, Dunnington, YORK, YO19 5LH<br>Classification: Leaded Lights & Windows<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A13SE (S) | 107 | - | 466550 452936 |
| 95 | **Contemporary Trade Directory Entries**<br>Name: Martin Kirby<br>Location: Holtby Manor, Stamford Bridge Road, Dunnington, York, YO19 5LL<br>Classification: Footwear - Manufacturers and Suppliers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SW (SW) | 243 | - | 466258 452912 |
| 96 | **Contemporary Trade Directory Entries**<br>Name: Alliance Glass<br>Location: 10, Hunters Close, Dunnington, York, North Yorkshire, YO19 5QH<br>Classification: Freight Forwarders<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8NW (S) | 552 | - | 466487 452474 |
| 97 | **Contemporary Trade Directory Entries**<br>Name: Power Clean Ltd<br>Location: 16, Derwent Estate, Dunnington, York, YO19 5QL<br>Classification: Carpet, Curtain & Upholstery Cleaners<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A8SW (S) | 788 | - | 466384 452242 |
| 98 | **Contemporary Trade Directory Entries**<br>Name: House Of James Transport Ltd<br>Location: Stamford Bridge Road, Dunnington, York, YO19 5LN<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NW (SW) | 953 | - | 465652 452540 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 99 | **Areas of Unadopted Green Belt**<br>Authority: City of York Council<br>Plan Name: City Of York Local Plan<br>**Status: Submission Draft**<br>Plan Date: 25th May 2018 | A13SW (SW) | 0 | 9 | 466499 453079 |
| 100 | **Nitrate Vulnerable Zones**<br>Name: River Foss From The Syke To The River Ouse Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A13SW (SW) | 0 | 3 | 466499 453079 |
| 101 | **Nitrate Vulnerable Zones**<br>Name: River Derwent From Kirkham To Elvington Beck Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A13SE (SE) | 188 | 3 | 466682 452927 |
| 102 | **Nitrate Vulnerable Zones**<br>Name: Ouse From Naburn To Sillingfleet Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A8NE (S) | 381 | 3 | 466537 452650 |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| Environment Agency - Head Office | June 2020 | Annually |
| East Riding of Yorkshire Council - Public Protection Division | October 2017 | Annual Rolling Update |
| Ryedale District Council - Environmental Health | October 2017 | Annual Rolling Update |
| City of York Council | September 2017 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - North East Region | April 2022 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - North East Region | March 2013 | |
| **Integrated Pollution Controls** | | |
| Environment Agency - North East Region | January 2009 | |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - North East Region | April 2022 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| Ryedale District Council - Environmental Health | April 2014 | Variable |
| City of York Council - Environmental Protection | June 2014 | Variable |
| East Riding of Yorkshire Council - Public Protection Division | November 2014 | Variable |
| **Local Authority Pollution Prevention and Controls** | | |
| Ryedale District Council - Environmental Health | April 2014 | Annual Rolling Update |
| City of York Council - Environmental Protection | June 2014 | Annual Rolling Update |
| East Riding of Yorkshire Council - Public Protection Division | November 2014 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| Ryedale District Council - Environmental Health | April 2014 | Variable |
| City of York Council - Environmental Protection | June 2014 | Variable |
| East Riding of Yorkshire Council - Public Protection Division | November 2014 | Variable |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | March 2022 | |
| **Pollution Incidents to Controlled Waters** | | |
| Environment Agency - North East Region | December 1998 | |
| **Prosecutions Relating to Authorised Processes** | | |
| Environment Agency - North East Region | July 2015 | |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - North East Region | March 2013 | |
| **Registered Radioactive Substances** | | |
| Environment Agency - North East Region | June 2016 | As notified |
| **River Quality** | | |
| Environment Agency - Head Office | November 2001 | Not Applicable |
| **River Quality Biology Sampling Points** | | |
| Environment Agency - Head Office | April 2012 | |
| **River Quality Chemistry Sampling Points** | | |
| Environment Agency - Head Office | April 2012 | |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency - North East Region - Dales Area | April 2022 | Quarterly |
| Environment Agency - North East Region - Ridings Area | April 2022 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | April 2022 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - North East Region | April 2022 | Quarterly |
| **Water Industry Act Referrals** | | |
| Environment Agency - North East Region | October 2017 | |
| **Groundwater Vulnerability Map** | | |
| Environment Agency - Head Office | June 2018 | As notified |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Bedrock Aquifer Designations**<br>Environment Agency - Head Office | January 2018 | Annually |
| **Superficial Aquifer Designations**<br>Environment Agency - Head Office | January 2018 | Annually |
| **Source Protection Zones**<br>Environment Agency - Head Office | May 2021 | Bi-Annually |
| **Extreme Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | February 2022 | Quarterly |
| **Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | February 2022 | Quarterly |
| **Areas Benefiting from Flood Defences**<br>Environment Agency - Head Office | February 2022 | Quarterly |
| **Flood Water Storage Areas**<br>Environment Agency - Head Office | February 2022 | Quarterly |
| **Flood Defences**<br>Environment Agency - Head Office | February 2022 | Quarterly |
| **OS Water Network Lines**<br>Ordnance Survey | April 2022 | Quarterly |
| **BGS Groundwater Flooding Susceptibility**<br>British Geological Survey - National Geoscience Information Service | May 2013 | As notified |

# Data Currency

| Waste | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | November 2002 | As notified |
| **Historical Landfill Sites** | | |
| Environment Agency - Head Office | April 2022 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North East Region | January 2009 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North East Region - Dales Area | April 2022 | Quarterly |
| Environment Agency - North East Region - Ridings Area | April 2022 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | April 2022 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North East Region - Dales Area | April 2022 | Quarterly |
| Environment Agency - North East Region - Ridings Area | April 2022 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | April 2022 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| City of York Council - Environmental Protection | February 2003 | Not Applicable |
| East Riding of Yorkshire Council - Public Protection Division | February 2003 | Not Applicable |
| North Yorkshire County Council | February 2003 | Not Applicable |
| Ryedale District Council - Environmental Health | February 2003 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| City of York Council - Environmental Protection | October 2018 | |
| East Riding of Yorkshire Council - Public Protection Division | October 2018 | |
| North Yorkshire County Council | October 2018 | |
| Ryedale District Council - Environmental Health | October 2018 | |
| **Registered Landfill Sites** | | |
| Environment Agency - North East Region - Dales Area | March 2006 | Not Applicable |
| Environment Agency - North East Region - Ridings Area | March 2006 | Not Applicable |
| Environment Agency - North East Region - Yorkshire Area | March 2006 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency - North East Region - Dales Area | April 2018 | |
| Environment Agency - North East Region - Ridings Area | April 2018 | |
| Environment Agency - North East Region - Yorkshire Area | April 2018 | |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency - North East Region - Dales Area | June 2015 | |
| Environment Agency - North East Region - Ridings Area | June 2015 | |
| Environment Agency - North East Region - Yorkshire Area | June 2015 | |

| Hazardous Substances | Version | Update Cycle |
|---|---|---|
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | January 2022 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | March 2017 | Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | August 2001 | |
| **Planning Hazardous Substance Enforcements** | | |
| City of York Council - Development Control | February 2016 | Variable |
| North Yorkshire County Council | October 2007 | Annual Rolling Update |
| East Riding of Yorkshire Council | October 2015 | Variable |
| Ryedale District Council - Planning Department | September 2014 | Variable |
| **Planning Hazardous Substance Consents** | | |
| City of York Council - Development Control | February 2016 | Variable |
| Ryedale District Council - Planning Department | February 2016 | Variable |
| North Yorkshire County Council | October 2007 | Annual Rolling Update |
| East Riding of Yorkshire Council | October 2015 | Variable |

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS 1:625,000 Solid Geology** | | |
| British Geological Survey - National Geoscience Information Service | January 2009 | As notified |
| **BGS Recorded Mineral Sites** | | |
| British Geological Survey - National Geoscience Information Service | May 2022 | Bi-Annually |
| **CBSCB Compensation District** | | |
| Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011 | |
| Cheshire Brine Subsidence Compensation Board (CBSCB) | November 2020 | As notified |
| **Coal Mining Affected Areas** | | |
| The Coal Authority - Property Searches | March 2014 | Annual Rolling Update |
| **Mining Instability** | | |
| Ove Arup & Partners | June 1998 | Not Applicable |
| **Non Coal Mining Areas of Great Britain** | | |
| British Geological Survey - National Geoscience Information Service | May 2015 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | April 2020 | As notified |
| **Potential for Compressible Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Ground Dissolution Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Landslide Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Running Sand Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Radon Potential - Radon Affected Areas** | | |
| British Geological Survey - National Geoscience Information Service | July 2011 | Annually |
| **Radon Potential - Radon Protection Measures** | | |
| British Geological Survey - National Geoscience Information Service | July 2011 | Annually |

| Industrial Land Use | Version | Update Cycle |
|---|---|---|
| **Contemporary Trade Directory Entries** | | |
| Thomson Directories | April 2022 | Quarterly |
| **Fuel Station Entries** | | |
| Catalist Ltd - Experian | March 2022 | Quarterly |
| **Gas Pipelines** | | |
| National Grid | October 2021 | Bi-Annually |
| **Underground Electrical Cables** | | |
| National Grid | May 2021 | Bi-Annually |
| **Sensitive Land Use** | **Version** | **Update Cycle** |
| **Ancient Woodland** | | |
| Natural England | February 2021 | Bi-Annually |
| **Areas of Adopted Green Belt** | | |
| City of York Council | October 2020 | Quarterly |
| East Riding of Yorkshire Council - Planning Department | October 2020 | Quarterly |
| Ryedale District Council | October 2020 | Quarterly |
| **Areas of Unadopted Green Belt** | | |
| City of York Council | October 2020 | Quarterly |
| East Riding of Yorkshire Council - Planning Department | October 2020 | Quarterly |
| Ryedale District Council | October 2020 | Quarterly |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | January 2021 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | January 2017 | |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | February 2021 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | July 2019 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | January 2021 | Bi-Annually |
| **National Parks** | | |
| Natural England | February 2018 | Bi-Annually |
| **Nitrate Sensitive Areas** | | |
| Natural England | April 2016 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | April 2016 | |
| Environment Agency - Head Office | June 2017 | Bi-Annually |
| **Ramsar Sites** | | |
| Natural England | August 2020 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | February 2021 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | July 2020 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | February 2021 | Bi-Annually |

# Data Suppliers

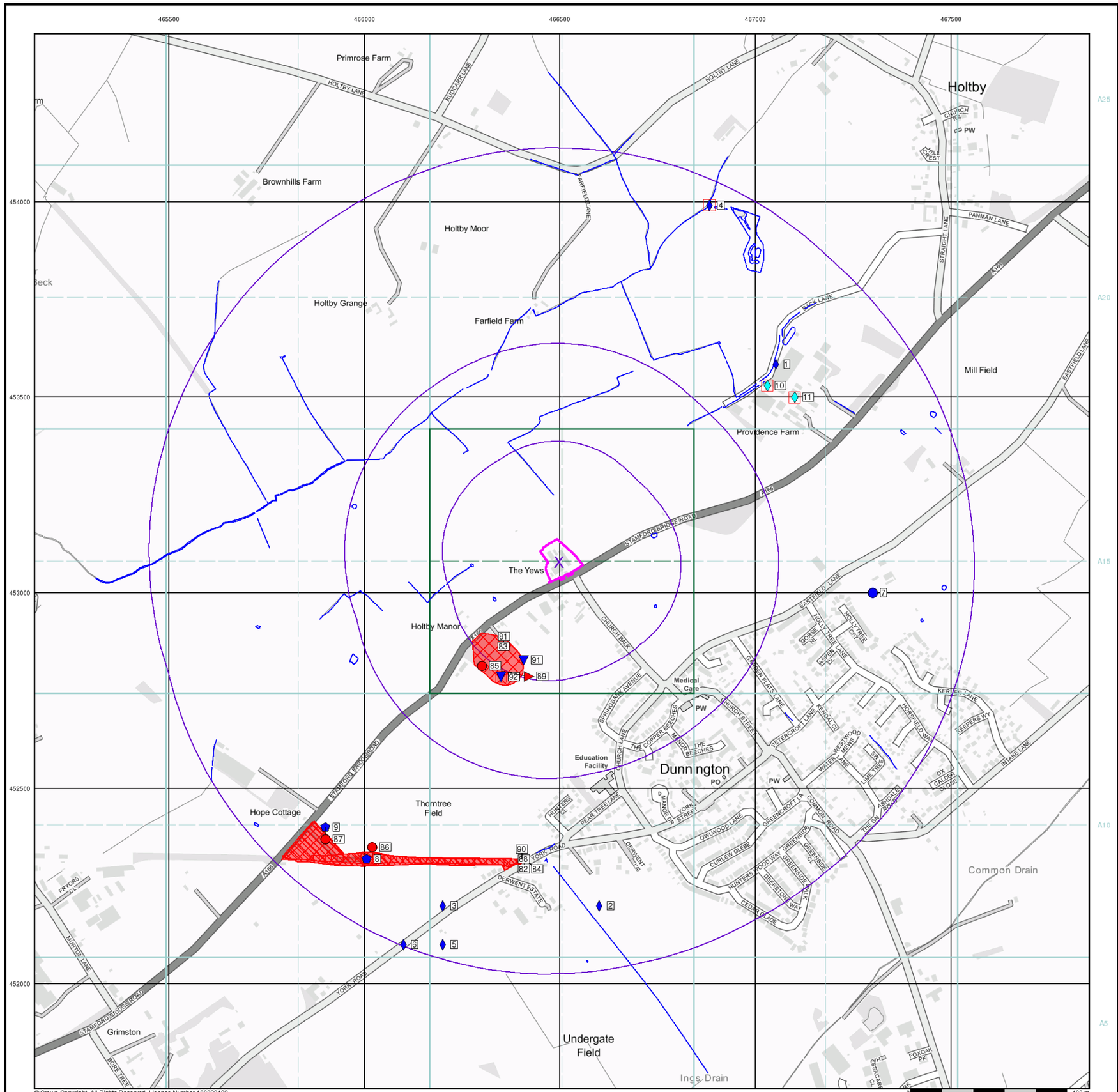
A selection of organisations who provide data within this report

| 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 | |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 2 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 3 | **Environment Agency - Head Office**<br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD | Telephone: 01454 624400<br>Fax: 01454 624409 |
| 4 | **Ordnance Survey**<br>Adanac Drive, Southampton, Hampshire, SO16 0AS | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk |
| 5 | **City of York Council - Environmental Protection**<br>9 St Leonards Place, York, North Yorkshire, YO1 2ET | Website: www.york.gov.uk |
| 6 | **Ryedale District Council - Environmental Health**<br>Ryedale House, Malton, North Yorkshire, YO17 0HH | Telephone: 01653 600666<br>Fax: 01653 696801<br>Website: www.ryedale.gov.uk |
| 7 | **Natural England**<br>County Hall, Spetchley Road, Worcester, WR5 2NP | Telephone: 0300 060 3900<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk |
| 8 | **Ryedale District Council**<br>Ryedale House, Malton, North Yorkshire, YO17 0HH | Telephone: 01653 600666<br>Fax: 01653 696801<br>Website: www.ryedale.gov.uk |
| 9 | **City of York Council**<br>Guildhall, York, North Yorkshire, YO1 9QN | Telephone: 01904 613161<br>Fax: 01904 650998<br>Website: www.york.gov.uk |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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




## General

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

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

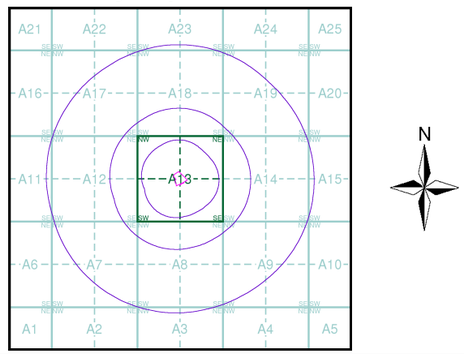
## Waste

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

## Hazardous Substances

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

## Site Sensitivity Map - Slice A




## Order Details

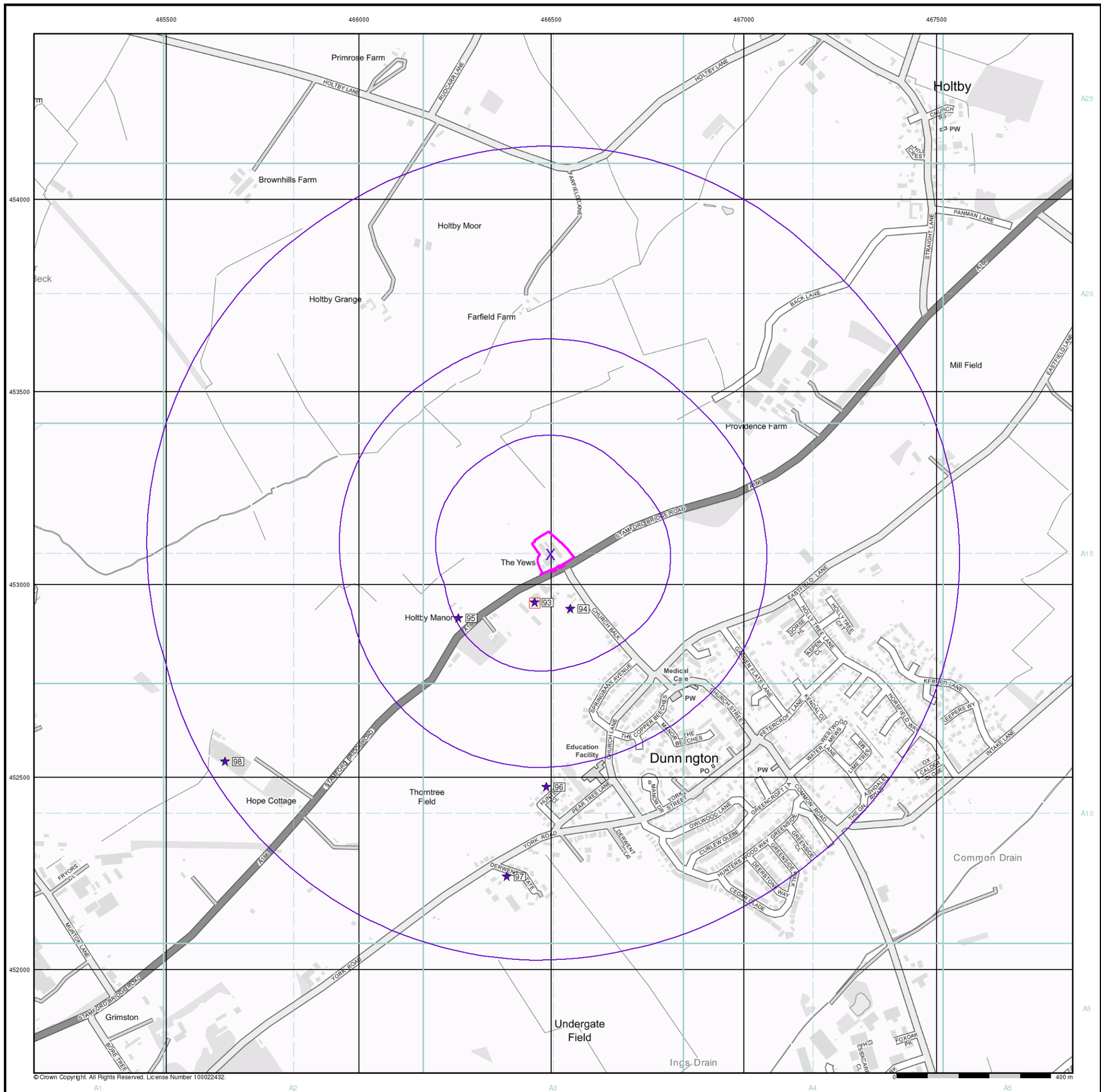
| | |
|---|---|
| Order Number: | 296815701_1_1 |
| Customer Ref: | C9505 |
| National Grid Reference: | 466500, 453080 |
| Slice: | A |
| Site Area (Ha): | 0.67 |
| Search Buffer (m): | 1000 |

## Site Details

The Yews, Stamford Bridge Road, Dunnington, YORK, YO19 5LQ


Landmark INFORMATION GROUP

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




# Industrial Land Use Map

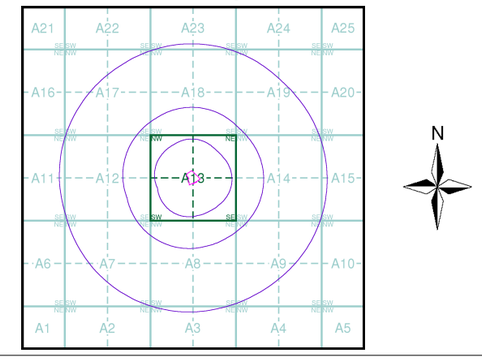
## General

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

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

## Industrial Land Use Map - Slice A




## Order Details

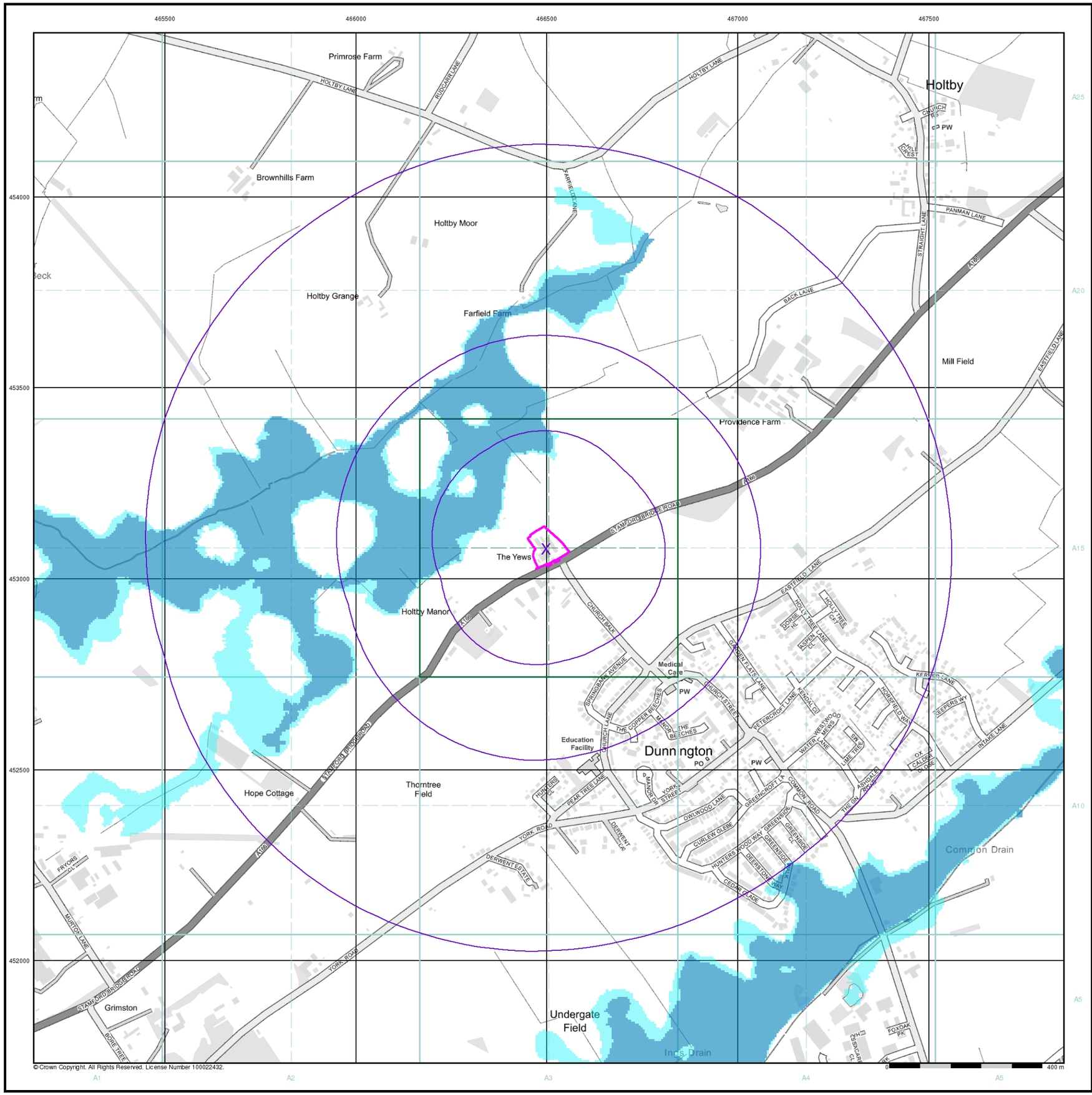
| | |
|---|---|
| Order Number: | 296815701_1_1 |
| Customer Ref: | C9505 |
| National Grid Reference: | 466500, 453080 |
| Slice: | A |
| Site Area (Ha): | 0.67 |
| Search Buffer (m): | 1000 |

## Site Details

The Yews, Stamford Bridge Road, Dunnington, YORK, YO19 5LQ


Landmark INFORMATION GROUP

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




sirius

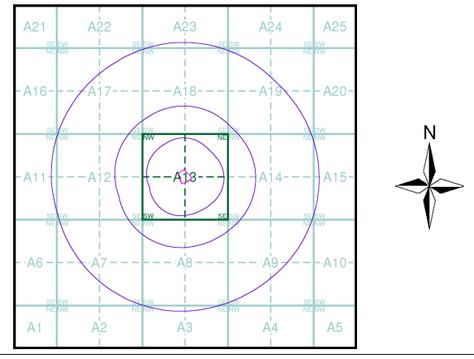
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A




## Order Details

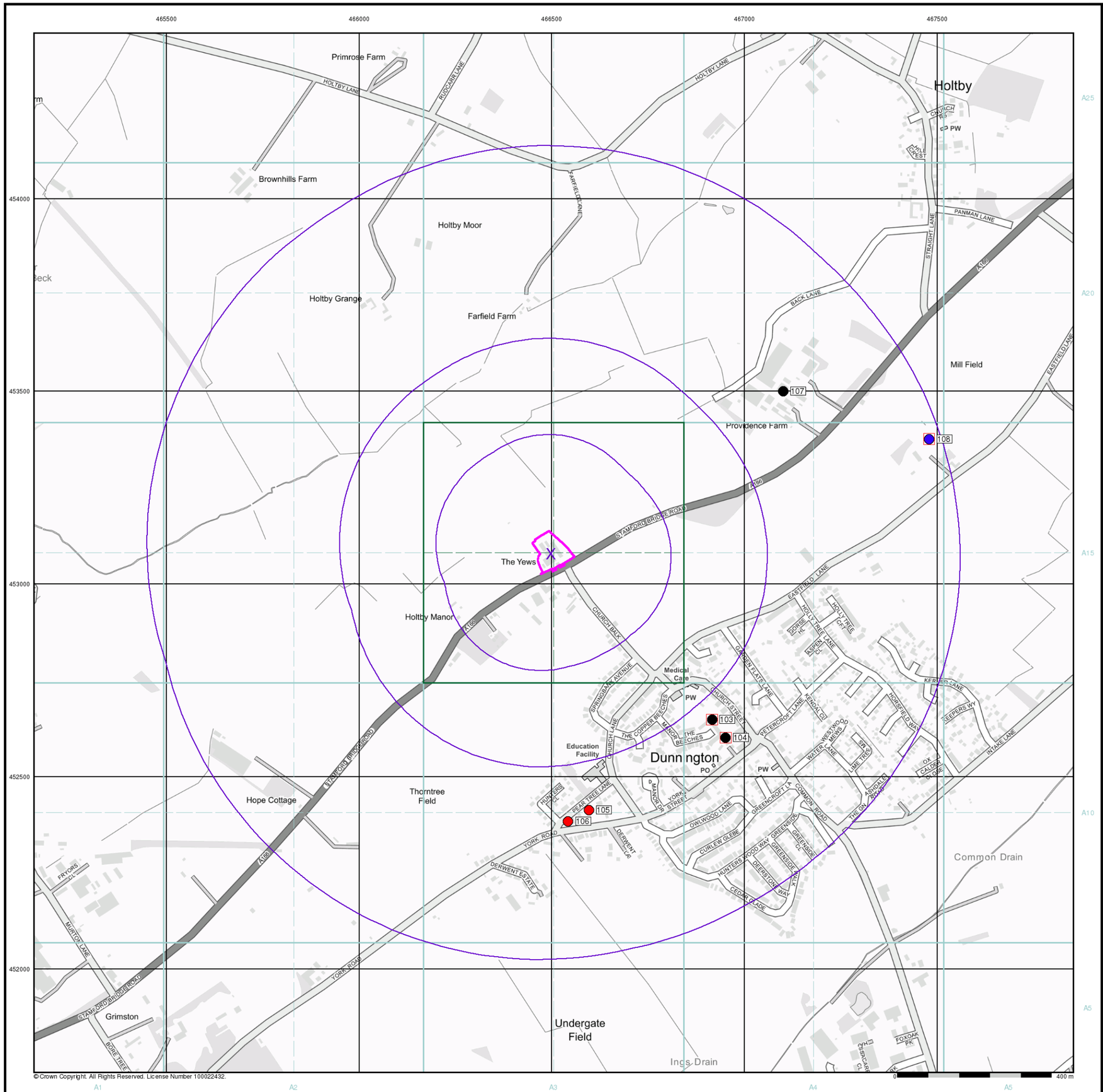
| | |
|---|---|
| Order Number: | 296815701_1_1 |
| Customer Ref: | C9505 |
| National Grid Reference: | 466500, 453080 |
| Slice: | A |
| Site Area (Ha): | 0.67 |
| Search Buffer (m): | 1000 |

## Site Details

The Yews, Stamford Bridge Road, Dunnington, YORK, YO19 5LQ


Landmark INFORMATION GROUP

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






## General

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

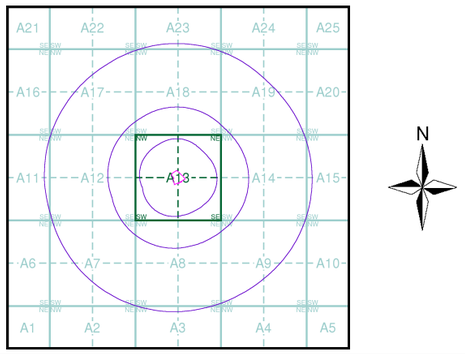
## Agency and Hydrological (Boreholes)

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

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

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

## Borehole Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 296815701_1_1 |
| Customer Ref: | C9505 |
| National Grid Reference: | 466500, 453080 |
| Slice: | A |
| Site Area (Ha): | 0.67 |
| Search Buffer (m): | 1000 |

## Site Details

The Yews, Stamford Bridge Road, Dunnington, YORK, YO19 5LQ

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