

HARRIS BRIDGE FARM WASTE  
TRANSFER STATION

ENVIRONMENTAL RISK ASSESSMENT

WRIGHTS OF TWYCROSS LIMITED

NOVEMBER 2021



| <b>SUMMARY TABLE</b>         |   |
|------------------------------|---|
| <b>SITE:</b>                 | Harris Bridge Farm Waste Transfer Station – Environmental Risk Assessment |
| <b>SITE ADDRESS:</b>         | Harris Bridge, Sibson, Warwickshire, CV13 6LS                             |
| <b>CLIENT:</b>               | Wrights of Twycross Limited   |
| <b>DATE:</b>                 | November 2021   |
| <b>REFERENCE</b>             | IV.324.20   |
| <b>DEVELOPMENT PROPOSAL:</b> | Operation of a Waste Transfer Station.                                    |

|             |  |  |
|-------------|--|--|
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| Date:       | November 2021  |  |
| Version:    | 1.0  |  |



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## 1.0 Introduction

### 1.1 Report Context

This section of the Environmental Permit Application responds to Part C2 of the Environmental Permit application form, and specifically details the Environmental Risk Assessment and associated mitigation management procedures for the activities undertaken on site.

This document has been prepared by Ivy House Environmental Limited (Ivy) on behalf of the Applicant, Wrights of Twycross Limited (Wrights) as part of the management for the proposed Harris Bridge Farm Waste Transfer Station at Sibson.

The Operator proposes to undertake the storage and transfer of various waste types as follows:

- Screening, bulking, sorting and separation of non-hazardous construction and demolition waste;
- Storage, bulking up and transfer of sewage grit and screenings, street sweepings and gully waste;
- Dewatering of drilling muds and dredgings;
- Bulking up of wash waters from washing out tanks and tankers; and
- Storage, bulking up and transfer of septic tank wastes for off-site treatment.

The waste is brought to the site via delivery vehicles. The waste materials are then physically inspected before being removed to the relevant storage areas.

The Applicant is applying for a bespoke permit to operate a Waste Transfer Station with treatment for non-hazardous waste. It is proposed that there will be a total throughput of 23,000 tonnes per annum for the facility which is split between 13,000 tonnes (10,000m<sup>3</sup>) of liquid wastes and 10,000 tonnes of other non-hazardous waste.

This document forms part of the site's Environmental Management System (EMS) and will be reviewed on an annual basis and in the event of any incidents.

## 2.0 SITE SETTING

### 2.1 Methodology

This report has been prepared in accordance with the Environment Agency's Risk Assessment guidance. It specifically relates to the potential risk associated with the following risk types:

- Odour;
- Noise and vibration;
- Fugitive Emissions; and
- Accidents and incidents.

This risk assessment addresses the above, and is based on the following methodology:

- Identification of potential sources of risk;
- Identification of all potential receptors to risk; and
- Risk assessment of each risk type.

The ERA is a tool used to identify the pollutant linkage i.e. source-pathway-receptor. For most risks, the atmosphere is the main pathway and will always exist. Therefore, the ERA deals primarily with the sources and receptors. The ERA (tables) provided in Appendix A is summarised below.

### 2.2 Sources

The potential sources of risks have been considered for each risk type, as shown in Appendix A (tables). The sources of risk for this application have been identified as:

#### *Noise*

- Plant and machinery;
- Vehicle movements to/from the site; and
- Vehicle movements within the site.

*Fugitive emissions*

- Odour;
- Particulate matter (dust);
- Mud and litter; and
- Scavenging birds, pests and vermin.

*Accidents*

- Leaks/spillages;
- Fire or failure to contain firewater;
- Flooding; and
- Vandalism.

**2.3 Pathways**

The pathways have been identified for each risk type as shown below in Table 1:

**Table 1: Potential Pathways**

| Risk Type          | Pathway               |
|--------------------|-----------------------|
| Odour              | Atmosphere            |
| Noise              | Atmosphere            |
| Fugitive Emissions | Atmosphere            |
| Accidents          | Atmosphere            |
|                    | Surface water run-off |
|                    | Infiltration          |
|                    | Percolation           |

**2.4 Receptors**

Receptors within 1km of the proposed application boundary have been considered in the preparation of the Sensitive Receptors List as outlined within Table 2 below. The nearest designated site is located approx. 2 km south-west from the site – Sheepy Fields Site of Special Scientific Interest (SSSI). Given the distance of this SSSI from the site, it is not considered to be a relevant sensitive receptor to include within the risk assessment for the proposed site and has therefore been discounted.

The Receptor Map is provided in Appendix C. The Nature and Heritage Conservation Screening results provided by the EA during the basic pre-application advice is provided in Appendix D.

**Table 2: Sensitive Receptors Located within 1km of the Proposed Facility**

| <b>Receptor</b>   | <b>Direction from Operational Area</b> | <b>Minimum Distance from proposed permit boundary (m)</b> |
|---|--|---|
| <b>Designated ecological habitats e.g. Ramsars, SAC, SPA, SSSI</b>                          |  |   |
| -   |  |   |
| <b>Other Designations e.g. National Parks, ANOB, World Heritage Sites</b>                   |  |   |
| -   |  |   |
| <b>Historic buildings / listed buildings / archaeological sites</b>                         |  |   |
| -   |  |   |
| <b>Domestic Dwellings</b>   |  |   |
| (1) Harris Bridge House Farm  | W                                      | 50  |
| (2) Harris Bridge Cottage on Watery Lane  | W                                      | 235   |
| (3) Dwelling off Gibbet Lane  | E                                      | 456   |
| (4) Dwellings off Gibbet Lane   | NE                                     | 742   |
| (5) Cliff Cottages (Watery Lane)  | SW                                     | 739   |
| <b>Schools, Shops, Commercial and Industrial</b>  |  |   |
| (7) Rare Ltd  | NW                                     | 810   |
| (8) Dixie Grammar Junior School   | SE                                     | 1024  |
| <b>Highway or Minor Road and Railways lines</b>   |  |   |
| (12) A444 (Burton Road)   | W-SW                                   | 140   |
| (13) Gibbet Lane  | S                                      | 80  |
| (14) Watery Lane  | W                                      | 280   |
| <b>Farmland</b>   |  |   |
| (15) Farmland   | Surrounding the site                   | adjacent  |
| <b>Local Wildlife Sites</b>   |  |   |
| (16) River Sence (Gopsall Estates)  | E - SE                                 | 230   |
| <b>Protected Species</b>  |  |   |
| (16) Protected fish   | S                                      | 230   |
| <b>Protected Habitats</b>   |  |   |
| (9) Deciduous woodland  | E                                      | 130   |
| (10) Deciduous woodland   | W                                      | 285   |
| (11) Deciduous woodland   | NW                                     | 665   |
| <b>Surface Water</b>  |  |   |
| (16) River Sence  | E - SE                                 | 230   |
| <b>Groundwater (sensitivity)</b>  |  |   |
| In accordance with the MAGIC website, the site is not within a Groundwater Protection Zone. |  |   |

## **2.5 Risk Assessment**

The ERA (Appendix A) looks at each specific hazard identified and assesses the likelihood of those hazards impacting on receptors. This is achieved by fulfilling the following objectives:

- Identify the location and nature of each hazard;
- Identify the specific receptors potentially at risk and assess the sensitivity of each receptor;
- Provide a qualitative assessment of the risk posed to each sensitive receptor;
- Identify management and monitoring techniques; and
- Provide recommendations for more detailed assessments where necessary.

## **2.6 Summary of ERA**

The ERA (Appendix A) indicates that the proposed activities will have no significant impacts in terms of odour, noise and vibration or fugitive emissions, and the likelihood of accidents is minimal.



# **Appendix A – Environmental Risk Assessment Tables**

**Table A: Odour Risk Assessment and Management Plan**

| What do you do that can harm and what could be harmed   |  |                                   | Managing the Risk  | Assessing the Risk   |                                      |   |
|---|--|-----------------------------------|--|--|--------------------------------------|---|
| Hazard  | Receptor                                   | Pathway                           | Risk Assessment  | Probability of Exposure  | Consequence                          | What is the overall risk?   |
| What has the potential to cause harm?   | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?  | How likely is this contact?  | What is the harm that can be caused? | What is the risk that still remains? The balance of probability and consequence.                    |
| <p>Transfer, storage and treatment of waste.</p> <p>General Site Operations.</p> <p>Failure of plant and equipment.</p> | <p>Receptors identified in Table 2.</p>    | <p>Atmosphere</p>                 | <p>Please see the site’s dedicated Odour Management Plan which has been submitted with this application.</p> <p>In summary the site will utilise the following measures to protect receptors against odours from site operations:</p> <ul style="list-style-type: none"> <li>• Strict waste acceptance procedures;</li> <li>• Odour producing wastes will be kept within enclosed tanks;</li> <li>• Limited storage time for wastes;</li> <li>• Good housekeeping;</li> <li>• Routine cleaning of bays and equipment; and</li> <li>• Regular plant maintenance.</li> </ul> | <p>Unlikely due to control measures that will be put in place.</p> | <p>Odour annoyance.</p>              | <p>Not significant due to the nature of the waste types and the management techniques employed.</p> |

**Table B: Noise Risk Assessment and Management Plan**

| What do you do that can harm and what could be harmed  |  |                                   | Managing the Risk   | Assessing the Risk  |                                      |  |
|--|--|-----------------------------------|---|---|--------------------------------------|--|
| Hazard   | Receptor                                   | Pathway                           | Risk Assessment   | Probability of Exposure                                     | Consequence                          | What is the overall risk?  |
| What has the potential to cause harm?  | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?   | How likely is this contact?                                 | What is the harm that can be caused? | What is the risk that still remains? The balance of probability and consequence.             |
| <p>Transfer, storage and operation of the screener.</p> <p>General Site Operations.</p> <p>Failure of plant and equipment.</p> | Receptors identified in Table 2.           | Atmosphere.                       | <p>Please see the sites dedicated Noise Management Plan which has been submitted with this application.</p> <p>In summary the site will utilise the following measures to protect receptors against noise from site operations:</p> <ul style="list-style-type: none"> <li>• Minimisation of drop heights when loading and unloading wastes;</li> <li>• Encasement of pumps and other noise producing machinery;</li> <li>• Use of mufflers where appropriate;</li> <li>• Low level reversing alarms;</li> <li>• Good housekeeping measures;</li> <li>• Routine inspection and maintenance of equipment, and;</li> <li>• Routine inspection and maintenance of site roading.</li> </ul> | Unlikely due to control measures that will be put in place. | Noise annoyance.                     | Not significant due to the nature of the waste types and the management techniques employed. |

**Table C: Dust Emissions Risk Assessment and Management Plan**

| What do you do that can harm and what could be harmed   |  |                                   | Managing the Risk  | Assessing the Risk   |                                      |   |
|---|--|-----------------------------------|--|--|--------------------------------------|---|
| Hazard  | Receptor                                   | Pathway                           | Risk Assessment  | Probability of Exposure  | Consequence                          | What is the overall risk?   |
| What has the potential to cause harm?   | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?  | How likely is this contact?  | What is the harm that can be caused? | What is the risk that still remains? The balance of probability and consequence.                    |
| <p>Transfer, storage and treatment of waste.</p> <p>General Site Operations.</p> <p>Failure of plant and equipment.</p> | <p>Receptors identified in Table 2.</p>    | <p>Atmosphere.</p>                | <p>Please see the sites dedicated Dust Management Plan has been submitted with the Application.</p> <p>In summary the site will utilise the following measures to protect receptors against dust from site operations:</p> <ul style="list-style-type: none"> <li>• Good housekeeping (keeping equipment clean);</li> <li>• Minimisation of drop heights when loading and unloading wastes;</li> <li>• Routine cleaning of site roads;</li> <li>• Routine maintenance of plant and equipment in accordance with the manufacturer’s instructions;</li> <li>• Use of site water to dampen stockpiles or haul roads as required;</li> <li>• Usage of spray bar on the screener when operational;</li> <li>• Daily inspections and visual dust monitoring; and</li> <li>• Covering of wastes if deemed necessary.</li> </ul> | <p>Unlikely due to control measures that will be put in place.</p> | <p>Dust annoyance.</p>               | <p>Not significant due to the nature of the waste types and the management techniques employed.</p> |

**Table D: Other Emissions Risk Assessment and Management Plan**

| What do you do that can harm and what could be harmed  |   |  | Managing the Risk  | Assessing the Risk   |   |   |
|--|---|--|--|--|---|---|
| Hazard   | Receptor  | Pathway  | Risk Assessment  | Probability of Exposure  | Consequence   | What is the overall risk?   |
| What has the potential to cause harm?  | What is at risk? What do I wish to protect                                      | How could it get to the receptor?  | What measures will you take to reduce the risk? If it occurs – who is responsible for what?  | How likely is this contact?  | What is the harm that can be caused?  | What is the risk that still remains? The balance of probability and consequence.                    |
| <b>To Water</b>  |   |  |  |  |   |   |
| <p>Run-off from storage areas.</p> <p>Run-off from drilling muds and dredgings dewatering areas.</p> | <p>Groundwater</p> <p>Surface water</p> <p>Receptors identified in Table 2.</p> | <p>Direct surface water run-off from site</p> <p>Infiltration</p> <p>Percolation</p> | <p>The site will undertake the following to minimise the impacts from activities on surface water, groundwater and habitats:</p> <ul style="list-style-type: none"> <li>• All storage areas will be fully concreted with sealed drainage;</li> <li>• Daily inspections of the site's infrastructure will be undertaken to ensure its integrity;</li> <li>• Regular inspections will be undertaken of all outside areas, checking for cracks in the concrete pads where waste is handled or stored;</li> <li>• All liquid wastes will be stored in bunded tanks with a bund capacity of either 110% for a single tank or 25% of the tank group; and</li> <li>• Drains will be routinely inspected and cleaned.</li> </ul> <p>The site manager or foreman will undertake regular inspections of site drains. All site operatives will be vigilant and report any</p> | <p>Unlikely due to control measures that will be put in place.</p> | <p>Contamination of surface water and groundwater bodies.</p> <p>Enrichment of surface water and groundwater bodies.</p> <p>Flooding of local habitats.</p> | <p>Not significant due to the nature of the waste types and the management techniques employed.</p> |

| What do you do that can harm and what could be harmed |  |                                   | Managing the Risk   | Assessing the Risk  |  |  |
|---|--|-----------------------------------|---|---|--|--|
| Hazard  | Receptor                                   | Pathway                           | Risk Assessment   | Probability of Exposure                                     | Consequence  | What is the overall risk?  |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?   | How likely is this contact?                                 | What is the harm that can be caused?                               | What is the risk that still remains? The balance of probability and consequence.             |
|   |  |                                   | problems to the site manager.   |   |  |  |
| <b>Pests/ Scavenging birds/ Vermin</b>                |  |                                   |   |   |  |  |
| Birds, Pests and Vermin                               | Receptors identified in Table 2.           | Air.<br><br>Ground.               | <p>The site will undertake the following to protect receptors against pests from site operations:</p> <ul style="list-style-type: none"> <li>• The waste stored externally is unlikely to attract pests, waste types to be stored externally will be mainly construction and demolition waste;</li> <li>• Liquid wastes will be stored in enclosed tanks;</li> <li>• Regular housekeeping will be undertaken, including the cleaning of all waste storage areas on a regular basis with appropriate cleaning materials;</li> <li>• Traps will be deployed for wasps, mice and rats, if required;</li> <li>• Incidents and maintenance measures (e.g. regarding traps) will be recorded in the site condition log;</li> <li>• All site infrastructure will be subject to a regular inspection schedule to ensure that there are no obvious weak areas</li> </ul> | Unlikely due to control measures that will be put in place. | <p>Nuisance to local businesses.</p> <p>Predation of habitats.</p> | Not significant due to the nature of the waste types and the management techniques employed. |

| What do you do that can harm and what could be harmed |  |                                   | Managing the Risk  | Assessing the Risk  |  |  |
|---|--|-----------------------------------|--|---|--|--|
| Hazard  | Receptor                                   | Pathway                           | Risk Assessment  | Probability of Exposure                                     | Consequence  | What is the overall risk?  |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?  | How likely is this contact?                                 | What is the harm that can be caused?   | What is the risk that still remains? The balance of probability and consequence. |
|   |  |                                   | <p>where pests or vermin could infiltrate; and</p> <ul style="list-style-type: none"> <li>Any wastes which are received that are already infested will be removed from site as a priority (unless the vermin/birds/pests can be appropriately eradicated).</li> </ul> <p>The site manager or foreman will undertake regular reviews of pests and scavenging birds at the site. All site operatives will be vigilant and report any problems to the site manager.</p> |   |  |  |
| <b>Mud</b>  |  |                                   |  |   |  |  |
| Mud and litter on local highways and roads            | Users of local highways and roads          | Tracked on vehicle wheels         | <p>All incoming and outgoing wastes will be contained, sheeted, netted or covered to prevent any load loss.</p> <p>The site surfacing consists of concrete and will be maintained and swept regularly to avoid mud being tracked outside the site boundary.</p> <p>Wheel washing will be carried out using a hosepipe for those vehicles that are deemed to likely track mud when leaving the site.</p>  | Unlikely due to control measures that will be put in place. | Local nuisance. Mud on roads is unsightly and can increase the likelihood of road traffic accidents. | Not significant due to the management techniques employed.                       |

| What do you do that can harm and what could be harmed |  |                                   | Managing the Risk   | Assessing the Risk  |                                      |   |
|---|--|-----------------------------------|---|---|--------------------------------------|---|
| Hazard  | Receptor                                   | Pathway                           | Risk Assessment   | Probability of Exposure                                     | Consequence                          | What is the overall risk?   |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?   | How likely is this contact?                                 | What is the harm that can be caused? | What is the risk that still remains? The balance of probability and consequence.            |
|   |  |                                   | <p>Mud and litter on local roads will be visually monitored. All site operatives will be required to be vigilant and report any mud on the roads to the Site Manager.</p> <p>If required, a road sweeper will be used to clean the site access road.</p>  |   |                                      |   |
| <b>Litter</b>   |  |                                   |   |   |                                      |   |
| Wind-blown litter.                                    | Receptors identified in Table 2.           | Air then deposition.              | <p>The nature of the waste means it will not contain high levels of litter.</p> <p>Strict waste acceptance procedures will be in place to minimise the risk of non-compliant wastes being accepted in accordance with the permit application.</p> <p>All incoming and outgoing wastes will be contained, sheeted, netted or covered to prevent any load loss.</p> <p>Site operatives will be vigilant and report any litter problems to the Site Manager.</p> <p>In the event that litter is generated by site activities, the Site Manager will implement a litter collection, as necessary.</p> | Unlikely due to control measures that will be put in place. | Local nuisance.                      | Not significant due to the nature of the waste types and the management techniques employed |



**Table E: Accident and Incident Risk Assessment and Management Plan**

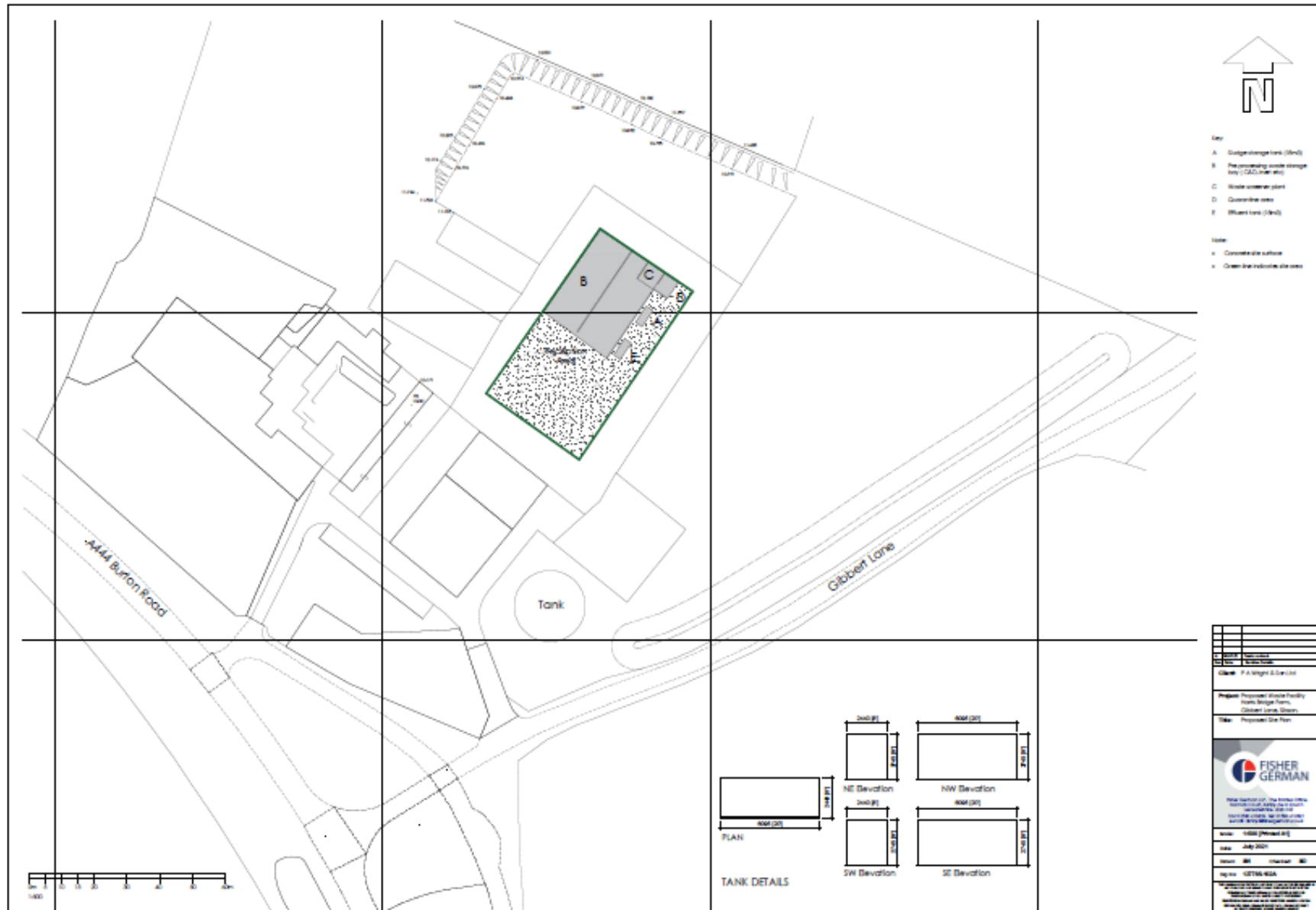
| What do you do that can harm and what could be harmed |  |   | Managing the Risk  | Assessing the Risk  |   |  |
|---|--|---|--|---|---|--|
| Hazard  | Receptor                                   | Pathway                                   | Risk Assessment  | Probability of Exposure                                     | Consequence   | What is the overall risk?  |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect | How could it get to the receptor?         | What measures will you take to reduce the risk? If it occurs – who is responsible for what?  | How likely is this contact?                                 | What is the harm that can be caused?  | What is the risk that still remains? The balance of probability and consequence.   |
| Fire or failure to contain firewater.                 | Receptors identified in Table 2.           | Atmosphere.<br><br>Surface water run-off. | <p>The site does not accept any combustible wastes, therefore the risk of fire from self-combustion is minimal.</p> <p>In an unlikely event of a fire all firewater will be contained within the site's sealed drainage system.</p> <p>The site will be equipped with firefighting equipment (e.g. fire extinguishers).</p> <p>The Operator will provide regular fire safety awareness talks and training for all staff.</p> <p>If hot works are required to be carried out on site a permit to work will be issued, which outlines:</p> <ul style="list-style-type: none"> <li>• What is to be undertaken;</li> <li>• Where the works are to occur; and</li> <li>• What control measures will be put in place.</li> </ul> <p>Site staff will remain vigilant and in the event of any fires, will follow the procedures within</p> | Unlikely due to control measures that will be put in place. | <p>Local nuisance from smoke.</p> <p>Contamination of local groundwater and surface water.</p> <p>Damage to infrastructure.</p> | <p>Not significant due to the nature of the waste types and the management techniques employed.</p> <p>The waste types are not considered to be combustible in accordance with the Environment Agency's 'FPP' guidance updated 11<sup>th</sup> January 2021.</p> |

| What do you do that can harm and what could be harmed |  |   | Managing the Risk   | Assessing the Risk                             |   |  |
|---|--|---|---|--|---|--|
| Hazard  | Receptor                                   | Pathway                                   | Risk Assessment   | Probability of Exposure                        | Consequence   | What is the overall risk?  |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect | How could it get to the receptor?         | What measures will you take to reduce the risk? If it occurs – who is responsible for what?   | How likely is this contact?                    | What is the harm that can be caused?  | What is the risk that still remains? The balance of probability and consequence. |
|   |  |   | the site's EMS.   |  |   |  |
| Plant failure and breakdown                           | Receptors identified in Table 2.           | Atmosphere.<br><br>Surface water run-off. | <p>All plant will be checked on a daily basis. Any issues with plant will be reported immediately to the Site Manager.</p> <p>A programme of planned preventative maintenance will be put in place and all plant and equipment will be subject to regular maintenance in accordance with the manufacturer's guidance.</p> <p>The site may keep backups of important plant/spare parts so that minimal disruption will be experienced in the event of plant failure or breakdown.</p> <p>In the event of a prolonged plant failure that could lead to environmental pollution, the Site Manager may decide to divert incoming wastes if there is not enough storage tonnage available on site.</p> <p>In addition to the above, the Site Manager may determine that the site should temporarily shut down and all waste on site should be diverted to another facility for</p> | Unlikely due to management practices to be put | <p>Pollution of air.</p> <p>Contamination of local groundwater and surface water.</p> | Not significant due to the management techniques employed.                       |

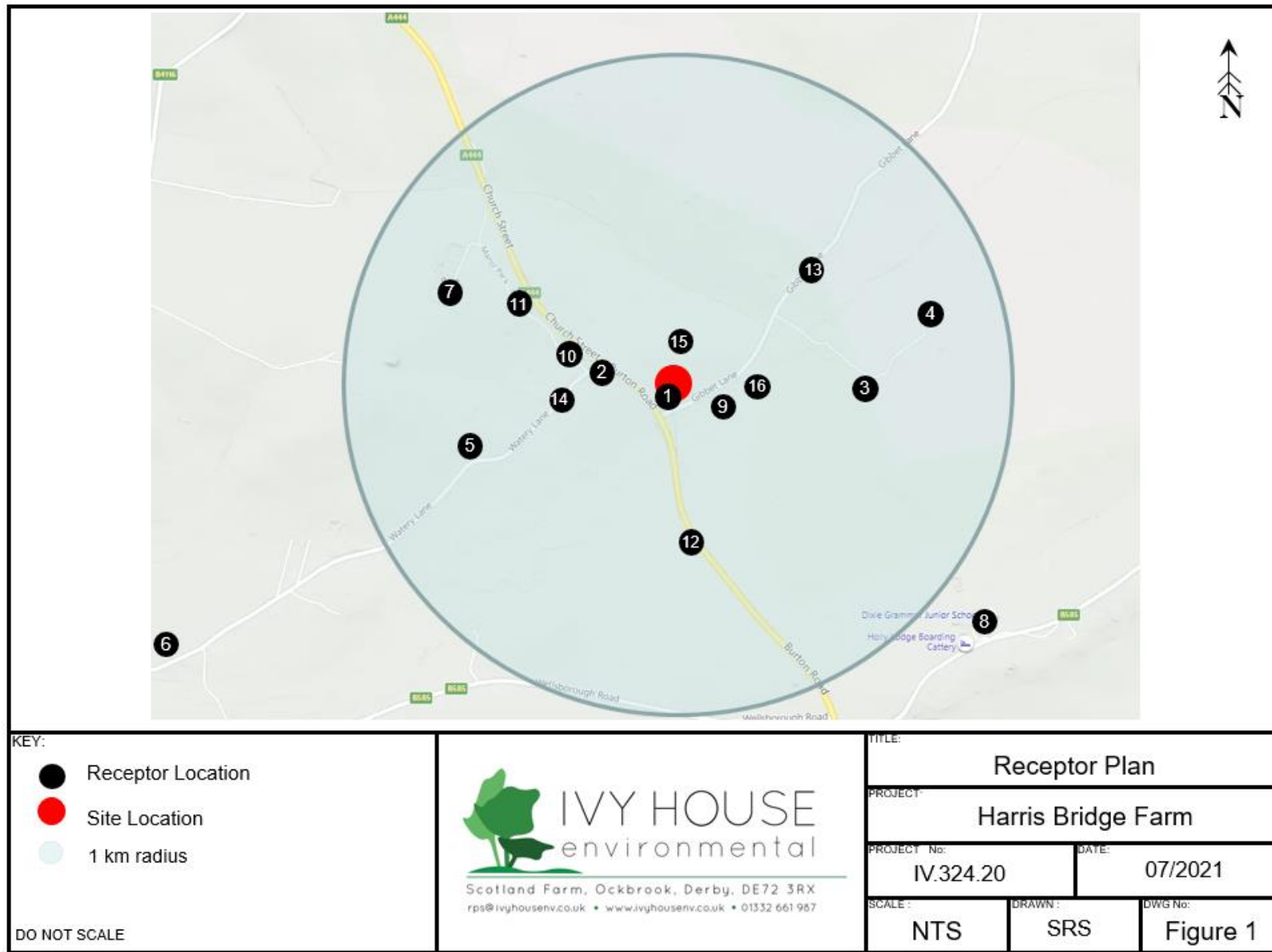
| What do you do that can harm and what could be harmed |  |                                   | Managing the Risk   | Assessing the Risk                              |  |  |
|---|--|-----------------------------------|---|---|--|--|
| Hazard  | Receptor   | Pathway                           | Risk Assessment   | Probability of Exposure                         | Consequence  | What is the overall risk?  |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect           | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?   | How likely is this contact?                     | What is the harm that can be caused?                       | What is the risk that still remains? The balance of probability and consequence. |
|   |  |                                   | onwards recovery or disposal. If this decision is implemented, the Environment Agency will be consulted and records kept of where wastes have been sent.  |   |  |  |
| Leaks and Spillages from plant                        | Groundwater.<br>Surface water identified in Table 2. | Percolation and run off.          | Regular maintenance will be undertaken on all plant and equipment in accordance with the manufacture's guidance.<br><br>Daily vehicle / plant checks will be undertaken to ensure that any oil/fuel leaks etc. are repaired as soon as possible.<br><br>Spill kits will be provided and staff will be fully trained on how to use spill kits.<br><br>In the event of a spill or leak that could compromise the sites infrastructure or cause risk to the environment, the Site Manager shall be informed. If necessary, works shall cease while measures are put in place to remediate the leak or spill and the Environment Agency will be informed. | Unlikely due to management practices to be put. | Pollution of local groundwater and surface water features. | Not significant due to the management techniques employed.                       |
| Flooding  | Groundwater.<br>Surface water identified in          | Percolation.                      | The site is situated within a Flood Zone 1, which is a site that has a 'Very Low' chance of flooding in any given year i.e., less than 1 in 1,000.  | Unlikely due to management practices to be put  | Pollution of local groundwater and surface water features. | Not significant due to the management techniques                                 |

| What do you do that can harm and what could be harmed |  |                                   | Managing the Risk  | Assessing the Risk          |                                      |  |
|---|--|-----------------------------------|--|-----------------------------|--------------------------------------|--|
| Hazard  | Receptor                                   | Pathway                           | Risk Assessment  | Probability of Exposure     | Consequence                          | What is the overall risk?  |
| What has the potential to cause harm?                 | What is at risk? What do I wish to protect | How could it get to the receptor? | What measures will you take to reduce the risk? If it occurs – who is responsible for what?  | How likely is this contact? | What is the harm that can be caused? | What is the risk that still remains? The balance of probability and consequence. |
|   | Table 2.                                   |                                   | <p>In the event that significant flooding occurs, site operations may temporarily cease and any incoming vehicles will be diverted to prevent the risk of any additional wastes coming into contact with flood waters.</p> <p>Existing waste which is stored may be diverted to another facility if this waste could cause pollution in the event of a flood – this will be at the discretion of the Site Manager.</p> |                             |                                      | employed.  |

## **Appendix B – Permit Boundary and Site Layout**



## **Appendix C – Receptor Plan**







## **Appendix D – Nature and Heritage Conservation Screening**



# Nature and Heritage Conservation

## Screening Report: Bespoke Waste

|                         |                   |
|-------------------------|-------------------|
| Reference               | EPR/KB3601FX/A001 |
| NGR                     | SK 35166 03403    |
| Buffer (m)              | 50                |
| Date report produced    | 29 July 2021      |
| Number of maps enclosed | 2                 |

**The nature and heritage conservation sites and/or protected species and habitats identified in the table below must be considered in your application.**

### Nature and heritage conservation sites

### Screening distance (m)

### Further Information

Local Wildlife Sites (LWS)

200

[Appropriate Local Record Centre \(LRC\)](#)

River Sence (Gopsall Estates)

### Protected Species

### Screening distance (m)

### Further Information

Brown trout

up to 500m

Environment Agency. Dial 03708 506 506 for your local Fisheries and Biodiversity team

Bullhead

Where protected species are present, a licence may be required from [Natural England](#) to handle the species or undertake the proposed works.

The relevant Local Records Centre must be contacted for information on the features within local wildlife sites. A small administration charge may also be incurred for this service.

**Please note** we have screened this application for protected and priority sites, habitats and species for which we have information. It is however your responsibility to comply with all environmental and



planning legislation, this information does not imply that no other checks or permissions will be required.

**Please note** the nature and heritage screening we have conducted as part of this report is subject to change as it is based on data we hold at the time it is generated. We cannot guarantee there will be no changes to our screening data between the date of this report and the submission of the permit application, which could result in the return of an application or requesting further information.

customer service line  
03708 506 506

incident hotline  
0800 80 70 60

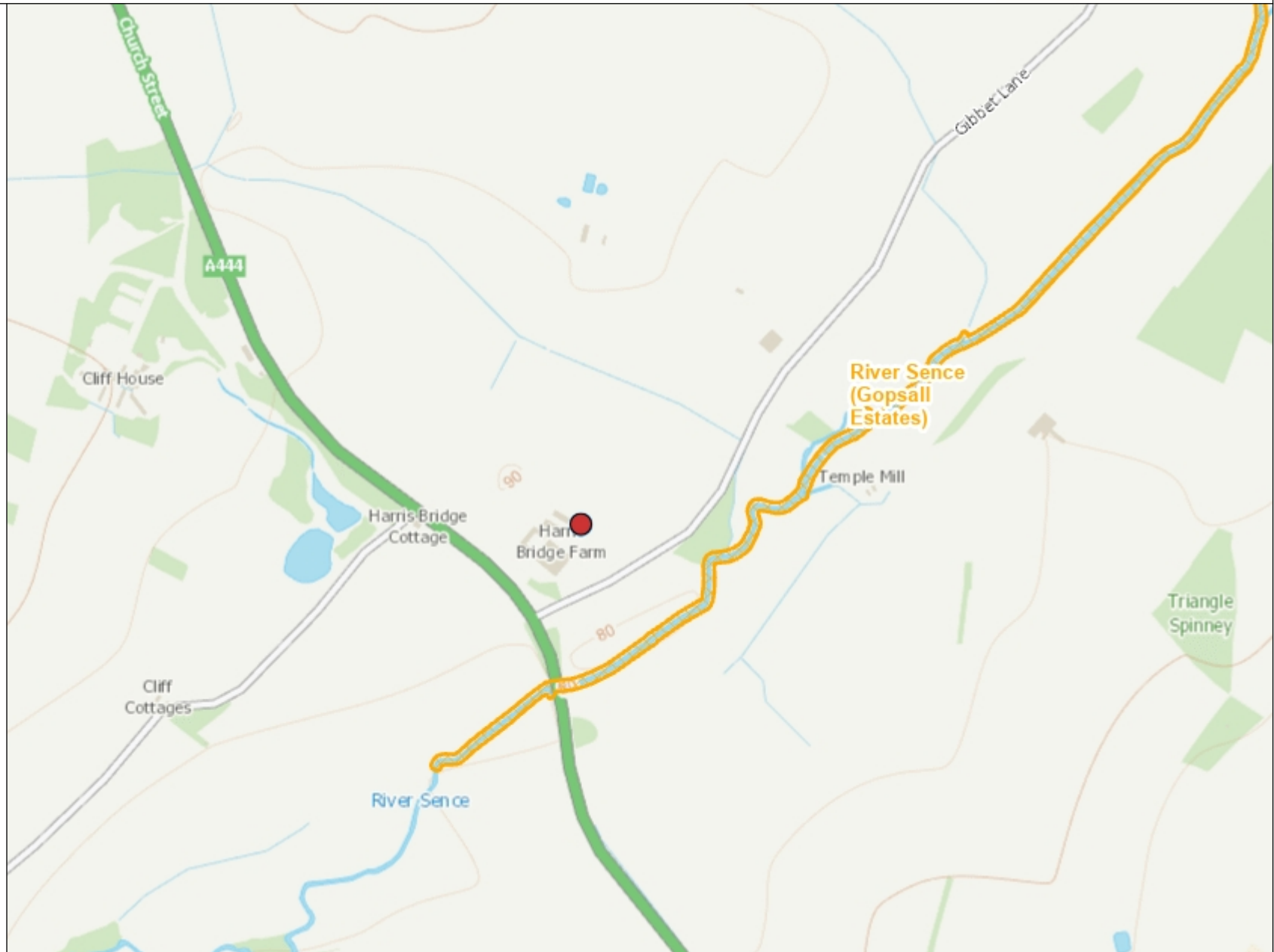
floodline  
0845 988 1188

[www.environment-agency.gov.uk](http://www.environment-agency.gov.uk)

# Local Wildlife Sites

## Legend




 Local Wildlife Sites



# Protected Species

## Legend

Protected species screened for Env Permits - complete set

-  Protected species, non fish
-  Protected fish
-  Protected fish migratory route

