

Application for an environmental permit

Part A – About you



You will need to fill in this part A if you are applying for a new permit, applying to change an existing permit or surrender your permit, or want to transfer an existing permit to yourself. Please check that this is the latest version of the form available from our website.

You can apply online for Waste standard rules environmental permits, bespoke waste permits and bespoke Medium combustion plant permits

Apply online for an environmental permit.

Please read through this form and the guidance notes that came with it.

The form can be:

- 1) saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.
- 2) printed off and filled in by hand. Please write clearly in the answer spaces.

Note: if you believe including information on a public register would not be in the interests of national security you must enclose a letter telling us that you have told the Secretary of State. We will not include the information in the public register unless directed otherwise.

It will take less than one hour to fill in this part of the application form.

Where you see the term 'document reference' on the form, give the document references and send the documents with the application form when you've completed it.

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1 About you

Are you applying as an individual, an organisation of individuals (for example, a partnership), a company (this includes Limited Liability Partnerships) or a public body?

An individual

Now go to section 2 and if you are applying for a new permit or transferring a permit for an installation or waste activity please also fill in Appendix 1

An organisation of individuals (for example, a partnership)

Now go to section 3 and if you are applying for a new permit or transferring a permit for an installation or waste activity please also fill in Appendix 1

A public body

Now go to section 4

A registered company or other corporate body

Now go to section 5 and if you are applying for a new permit or transferring a permit for an installation or waste activity please also fill in Appendix 1

2 Applications from an individual

2a Please give us the following details

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to section 6

3 Applications from an organisation of individuals or charity

3a Type of organisation

For example, a charity, a partnership, a group of individuals or a club

3b Details of the organisation or charity

If you are an organisation of individuals, please give the details of the main representative below. If relevant, provide details of other members (please include their title Mr, Mrs and so on) on a separate sheet and tell us the document reference you have given this sheet

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to question 3c or section 6

3c Details of charity

Full name of charity

This should be the full name of the legal entity not any trading name.

3d Company registration number

If you are registered with Companies House please tell us your registration number

3e Charity Commission number

If you are registered with the Charity Commission please tell us your registration number

Now go to section 6

4 Applications from public bodies

4a Type of public body

For example, NHS trust, local authority, English county council

4b Name of the public body

4c Please give us the following details of the executive

An officer of the public body authorised to sign on your behalf

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position

Now go to section 6

5 Applications from companies or corporate bodies

5a Name of the company

5b Company registration number

Date of registration (DD/MM/YYYY)

If you are applying as a corporate organisation that is not a limited company, please provide evidence of your status and tell us below the reference you have given the document containing this evidence.

Document reference

5 Applications from companies or corporate bodies, continued

5c Please give details of the directors

If relevant, provide details of other directors and company secretary, if there is one, on a separate sheet and tell us the reference you have given this sheet.

Document reference

Details of company secretary (if relevant) and director/s

Title (Mr, Mrs, Miss and so on)

First name

Last name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to section 6

6 Your address

6a Your main (registered office) address

For companies this is the address on record at Companies House.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

For an organisation of individuals every partner needs to give us their details, including their title Mr, Mrs and so on. So, if necessary, continue on a separate sheet and tell us below the reference you have given the sheet.

Document reference

6b Main UK business address (if different from above)

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

6 Your address, continued

Contact numbers, including the area code

Phone

Fax

Mobile

Email

Now go to section 7

7 Contact details

7a Who can we contact about your application?

It will help us if there is someone we can contact if we have any questions about your application. The person you name should have the authority to act on your behalf.

Please add a second contact on a separate sheet if this person is not always available.

Document reference of this separate sheet

This can be someone acting as a consultant or an 'agent' for you.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

7b Who can we contact about your operation (if different from question 7a)?

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

7 Contact details, continued

7c Who can we contact about your billing or invoice?

Note: Please provide the name and address that all invoices should be sent to for your subsistence fees.

As in question 7a

As in question 7b

Please give details below if different from question 7a or 7b.

Contact name

Title (Mr, Mrs, Miss and so on) _____

First name _____

Last name _____

Address _____

Postcode _____

Contact numbers, including the area code

Phone _____

Fax _____

Mobile _____

Email _____

8 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.gov.uk/government/organisations/environment-agency

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it. More information on how to do this is available at: www.gov.uk/government/organisations/environment-agency/about/complaints-procedure.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

9 Where to send your application

For how many copies to send see the guidance note on part A.

For water discharges by email to PSC-WaterQuality@environment-agency.gov.uk

For waste and installations by email to PSC@environment-agency.gov.uk

For flood risk activity permits send 1 copy only to enquiries@environment-agency.gov.uk or to the local Environment Agency office for where the work is proposed to be carried out.

Or

Permitting Support, NPS Sheffield
Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield
S9 4WF

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£ _____

Appendix 1 – Date of birth information for installation and waste activities (applications for a new permit or transferring a permit) only

Date of birth information in this appendix will not be put onto our Public Register

Are you applying as an individual, an organisation of individuals (for example, a partnership) or a company (this includes Limited Liability Partnerships)?

- An individual Now go to 2
- An organisation of individuals (for example, a partnership) Now go to 3
- A registered company or other corporate body Now go to 4

2 Applications from an individual

Please give us the following details

Name

Date of birth (DD/MM/YY)

3 Applications from an organisation of individuals or charity

Details of the organisation or charity

If you are an organisation of individuals, please give the date of birth details of the main representative below. If relevant, provide details of other members on a separate sheet and tell us the document reference you have given this sheet.

Name

Date of birth (DD/MM/YY)

Document reference

4 Applications from companies or corporate bodies

Name of the company

Please give the date of birth details for all directors and company secretary if there is one. If relevant, provide those details of other directors on a separate sheet and tell us the document reference you have given this sheet.

Details of company secretary (if relevant) and director/s

Name

Date of birth (DD/MM/YY)

Name

Date of birth (DD/MM/YY)

Name

Date of birth (DD/MM/YY)

Document reference

Application for an environmental permit Part B2 – General – new bespoke permit



Fill in this part of the form together with parts A and F1 if you are applying for a new bespoke permit. You also need to fill in part B3, B4, B5, B6, or B7 (this depends on what activities you are applying for). Please check that this is the latest version of the form available from our website.

You can apply online for waste bespoke environmental permits at https://apply_for_environmental_permit.service.gov.uk/start/start_or_open_saved

Please read through this form and the guidance notes that came with it.

The form can be:

1) saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.

2) printed off and filled in by hand. Please write clearly in the answer spaces

It will take less than two hours to fill in this part of the application form.

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- [1 About the permit](#)
- [2 About the site](#)
- [3 Your ability as an operator](#)
- [4 Consultation](#)
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- [Appendix 1 – Low impact installation checklist](#)
- [Appendix 2 – Date of birth information for Relevant offences and/or Technical ability questions only](#)

1 About the permit

1a Discussions before your application

If you have had discussions with us before your application, give us the permit reference or details on a separate sheet. Tell us below the reference you have given this extra sheet.

Permit or document reference

1b Is the permit for a site or for mobile plant?

Site Now go to section 2

Mobile plant Now go to question 1c

Note: The term ‘mobile plant’ does not include mobile sheep dipping units.

Mobile plant

1c Have we told you during pre-application discussions that we believe that a mobile permit is suitable for your activity?

No

Yes

1d Have there been any changes to your proposal since this discussion?

No Now go to section 3

Yes You should send us a description of the activity you want to carry out, highlighting the changes you have made since our pre-application discussions

Document reference

Now go to section 3

2 About the site

But not mobile plant

2a What is the site name, address, postcode and national grid reference?

Site name

Address

Postcode

National grid reference for the site
(for example, ST 12345 67890)

2b What type of regulated facility are you applying for?

Note: if you are applying for more than one regulated facility then go to 2c.

Installation

Waste operation

Mining waste operation

Water discharge activity

Groundwater activity (point source)

Groundwater activity (discharge onto land)

What is the national grid reference for the regulated facility (if only one)?
(See the guidance notes on part B2.)

As in 2a above

Different from that in 2a

Please fill in the national grid reference below

National grid reference for the regulated facility

Now go to question 2d

2 About the site, continued

2c If you are applying for more than one regulated facility on your site, what are their types and their grid references?

See the guidance notes on part B2.

Regulated facility 1

National grid reference

What is the regulated facility type?

Installation

Waste operation

Mining waste operation

Water discharge activity

Groundwater activity (point source)

Groundwater activity (discharge onto land)

Regulated facility 2

National grid reference

What is the regulated facility type?

Installation

Waste operation

Mining waste operation

Water discharge activity

Groundwater activity (point source)

Groundwater activity (discharge onto land)

Use several copies of this page or separate sheets if you have a long list of regulated facilities. Send them to us with your application form. Tell us below the reference you have given these extra sheets.

Document reference

Now go to question 2d

2 About the site, continued

2d Low impact installations (installations only)

Are any of the regulated facilities low impact installations?

No

Yes If yes, tell us how you meet the conditions for a low impact installation (see the guidance notes on part B2 – Appendix 1).

Document reference

Tick the box to confirm you have filled in the low impact installation checklist in appendix 1 for each regulated facility

2e Treating batteries

Are you planning to treat batteries? (See the guidance notes on part B2.)

No

Yes Tell us how you will do this, send us a copy of your explanation and tell us below the reference you have given this explanation

Document reference for the explanation

2f Ship recycling

Is your activity covered by the Ship Recycling Regulations 2015? (See the guidance notes on part B2.)

No

Yes Tell us how you will do this. Please send us a copy of your explanation and your facility recycling plan, and tell us below the reference numbers you have given these documents

Document reference for the explanation

Document reference for the facility recycling plan

2g Multi-operator installation

If the site is a multi-operator site (that is there is more than one operator of the installation) then fill in the table below the application reference for each of the other permits.

Table 1 – Other permit application references

3 Your ability as an operator

If you are only applying for a standalone water discharge or for a groundwater activity, you only have to fill in question 3d.

3a Relevant offences

Applies to all except standalone surface water discharges and groundwater discharges (see the guidance notes on part B2).

3a1 Have you, or any other relevant person, been convicted of any relevant offence?

No Now go to question 3b

Yes Please give details below

Name of the relevant person

Title (Mr, Mrs, Miss and so on) _____

First name _____

Last name _____

Position held at the time of the offence _____

Name of the court where the case was dealt with _____

Date of the conviction (DD/MM/YYYY) _____

Offence and penalty set _____

Date any appeal against the conviction will be heard
(DD/MM/YYYY) _____

If necessary, use a separate sheet to give us details of other relevant offences and tell us below the reference number you have given the extra sheet.

Now go to question 3b

Please also complete the details in Appendix 2.

3b Technical ability

Relevant waste operations only (see the guidance notes on part B2).

Please indicate which of the two schemes you are using to demonstrate you are technically competent to operate your facility and the evidence you have enclosed to demonstrate this.

ESA/EU skills

Please select one of the following:

I have enclosed a copy of the current Competence Management System certificate

or

We will have a certified Competence Management System within 12 months and have enclosed evidence of the contract with an accredited certification body

3 Your ability as an operator, continued

CIWM/WAMITAB scheme

Your answers below must relate to the person(s) providing technically competent management when the permitted activities start.

Please select **one** of the following:

- I have enclosed a copy of:
 - the relevant qualification certificate/s

or

 - evidence of deemed competence

or

 - Environment Agency assessment

or

 - evidence of nominated manager status under the transitional provisions for previously exempt activities

and, if deemed competent or Agency-assessed, or nominated manager, or if the original qualification is over two years old:

I have enclosed a copy of the relevant current continuing competence certificate/s
- The technically competent manager will complete their qualification within four weeks of starting the permitted activities and I have enclosed evidence of their registration with WAMITAB or their EPOC booking as appropriate
- **For medium- and high-risk tier activities other than landfill**

The technically competent manager will complete the qualification within 12 months and I have enclosed evidence of their registration with WAMITAB and, where relevant, EPOC booking. I understand they must complete either four specified units of the relevant qualification or an EPOC within four weeks of the permitted activities commencing

For each technically competent manager please give the following information. If necessary, use a separate sheet to give us these details and tell us below the document reference you have given the extra sheet.

Title (Mr, Mrs, Miss and so on)	_____
First name	_____
Last name	_____
Phone	_____
Mobile	_____
Email	_____

Please provide the environmental permit number/s and site address for all other waste activities that the proposed technically competent manager provides technical competence for, including permits held by other operators. Continue on a separate sheet as required.

3 Your ability as an operator, continued

Permit number	Site address	Postcode

Document reference

Now go to question 3c

Please also complete the details in Appendix 2.

3c Finances

Installations, waste operations and mining waste operations only.

Please note that if you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

Do you, or any relevant person, or a company in which you (or they) (or any relevant person) were a relevant person, have current or past bankruptcy or insolvency proceedings against you?

No

Yes Please give details below, including the required set-up costs (including infrastructure), maintenance and clean up costs for the proposed facility against which a credit check may be assessed

We may want to contact a credit reference agency for a report about your business's finances.

Landfill, Category A mining waste facilities and mining waste facilities for hazardous waste only

How do you plan to make financial provision (to operate a landfill or a mining waste facility you need to show us that you are financially capable of meeting the obligations of closure and aftercare)?

Renewable bonds

Cash deposits with the Environment Agency

Other – provide comprehensive details

Document reference

3 Your ability as an operator, continued

Provide a cost profile and expenditure plan of your estimated costs throughout the aftercare period of your site.

Document plan reference

Now go to question 3d

3d Management systems (all)

You must have an effective, written management system in place that identifies and reduces the risk of pollution. You may show this by using a certified scheme or your own system.

Your permit requires you (as the operator) to ensure that you manage and operate your activities in accordance with a written management system.

You need to be able to explain what happens at each site and which parts of the overall management system apply. For example at some sites you may need to show you are carrying out additional measures to prevent pollution because they are nearer to sensitive locations than others.

You can find guidance on management systems on our website at <https://www.gov.uk/guidance/develop-a-management-system-environmental-permits>

Tick this box to confirm that you have read the guidance and that your management system will meet our requirements

What management system will you provide for your regulated facility?

ISO 14001

BS 8555 (Phases 1–5)

Green dragon

Own management system

EMAS Global

Other

Please make sure you send us a summary of your management system with your application.

Document reference/s

4 Consultation

Fill in 4a to 4c for installations and waste operations and 4d for installations only.

Could the waste operation or installation involve releasing any substance into any of the following?

4a A sewer managed by a sewerage undertaker?

No

Yes Please name the sewerage undertaker _____

4b A harbour managed by a harbour authority?

No

Yes Please name the harbour authority _____

4c Directly into relevant territorial waters or coastal waters within the sea fisheries district of a local fisheries committee?

No

Yes Please name the fisheries committee _____

4d Is the installation on a site for which:

4d1 a nuclear site licence is needed under section 1 of the Nuclear Installations Act 1965?

No

Yes

4d2 a policy document for preventing major accidents is needed under regulation 5 of the Control of Major Accident Hazards Regulations 2015, or a safety report is needed under regulation 7 of those Regulations?

No

Yes

5 Supporting information

5a Provide a plan or plans for the site

But not any mobile plant

Clearly mark the site boundary or discharge point, or both. Also include site drainage plans, site layout plans, and plant design drawings/process flow diagrams (as required).

(See the guidance notes on part B2.)

Document reference/s of the plans _____

5b Provide the relevant sections of a site condition/baseline report if this applies

See the guidance notes on part B2 for what needs to be marked on the plan.

Document reference of the report _____

If you are applying for an installation, tick the box to confirm that you have sent in a baseline report

5c Provide a non-technical summary of your application

See the guidance notes on part B2.

Document reference of the summary _____

5 Supporting information, continued

5d Are you applying for an activity that includes the storage of combustible wastes?

This applies to all activities excluding standalone water and groundwater discharges.

No

Yes Provide a fire prevention plan (see the guidance notes on part B2). You need to highlight any changes you have made since your pre-application discussions.

Document reference of the plan

6 Environmental risk assessment

Provide an assessment of the risks each of your proposed regulated facilities poses to the environment. The risk assessment must follow the methodology set out in ‘Risk assessments for your environmental permit’ at www.gov.uk/government/collections/technical-guidance-for-regulated-industry-sectors-environmental-permitting or an equivalent method.

Document reference for the assessments

For Waste and Installation Permits only

All bespoke waste and installations permit applications must carry out a climate change risk assessment if the planned duration of the operation is more than 5 years. This will normally be reviewed and discussed with you as part of our compliance activities. However, we may require you to submit your climate change risk assessment as part of your application depending on your risk screening score. We will consider the information contained within your climate change risk assessment when we grant your permit. Conditions may be applied to some permits to manage climate risks.

6b Climate change risk screening

See the guidance to Part B2.

Mark your score in each category in the table below. Add each individual score to give a total.

CATEGORY	SCREENING QUESTIONS	SCORE	YOUR SCORE
1 TIMESCALES	How long will a permit be required for this site/activity? 5 years or less of operation. No need to fill in the rest of the screening. You do not need to fill in a risk assessment. Please go straight to question 7.	0	
	Less than 20 years of operation	1	
	Until between 2040 and 2060 (between 20 and 40 years from now)	3	
	Until 2060 or beyond (more than 40 years from now)	5	
2 FLOODING	What is your site's risk of flooding from rivers or the sea?		
	Not in a flood-risk zone	0	
	Very low or Low	1	
	Medium	2	
	High	5	
3 WATER USE	If you use water for your site operations or fire prevention, what is the source of your water?		
	Water not required	0	
	Mains water	1	
	Surface water or groundwater abstraction	5	
TOTAL SCREENING SCORE			3

If your total screening score is 5 or more, complete the climate change risk assessment and submit it with your permit application.

If you expect to operate for 5 years or less, you do not need to submit a risk assessment with your application, regardless of your screening score.

You must enter your score for every category in the table above. If you expect to operate for 5 years or less you may enter 'Not Applicable' for categories 2 and 3.

Document reference of the risk assessment

(if submitted with application)

If your total screening score is less than 5 we may still request your risk assessment as part of determining this application if we believe you face unmanaged climate risks.

If we do not review your risk assessment as part of your application, it will form part of your Environmental Management System and we will discuss it with you as part of our compliance activities.

7 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below. General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.gov.uk/government/organisations/environment-agency

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

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How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Payment received?

No

Our reference number

Yes

Amount received

£

Plain English Campaign’s Crystal Mark does not apply to appendix 1.**Appendix 1 – Low impact installation checklist****See the guidance notes on part B2.**

Installation reference				
Condition	Response			Do you meet this?
A – Management techniques	Provide references to show how your application meets A			Yes
	References			No
B – Aqueous waste	Effluent created		m ³ /day	Yes No
C – Abatement systems	Provide references to show how your application meets C			Yes
	References			No
D – Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?		Yes No	Yes No
E – Producing waste	Hazardous waste		Tonnes per year	Yes No
	Non-hazardous waste		Tonnes per year	
F – Using energy	Peak energy consumption		MW	Yes No
G – Preventing accidents	Do you have appropriate measures to prevent spills and major releases of liquids?		Yes No	Yes No
	Provide references to show how your application meets G			
	References			
H – Noise	Provide references to show how your application meets H			Yes
	References			No
I – Emissions of polluting substances	Provide references to show how your application meets I			Yes
	References			No
J – Odours	Provide references to show how your application meets J			Yes
	References			No
K – History of keeping to the regulations	Say here whether you have been involved in any enforcement action as described in Compliance History Appendix 1 guidance notes		Yes No	

Appendix 2 – Date of birth information for Relevant offences and/or Technical ability questions only

Date of birth information in this appendix will not be put onto our Public Register

Have you filled in the Relevant Offences question?

Yes

No

Have you filled in the Technical ability question?

Yes

No

Relevant Offences - date of birth information

Please give us the following details

Name

Date of birth (DD/MM/YYYY)

Technical ability - date of birth information

Name

Date of birth (DD/MM/YYYY)

Application for an environmental permit

Part B4 – New bespoke waste operation permit



<p>Fill in this part of the form, together with parts A, B2 and F1, if you are applying for a new bespoke permit for a waste operation. Please check that this is the latest version of the form available from our website.</p> <p>Please read through this form and the guidance notes that came with it.</p> <p>You can apply online for waste bespoke environmental permits.</p> <p>Apply online for an environmental permit.</p> <p>The form can be:</p> <ol style="list-style-type: none"> 1) saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes. 2) printed off and filled in by hand. Please write clearly in the answer spaces. <p>It will take less than three hours to fill in this part of the application form.</p>	<p>Contents</p> <ol style="list-style-type: none"> 1 What waste operations are you applying for? 2 Point source emissions to air, water and land 3 Operating techniques 4 Monitoring 5 How to contact us <p>Appendix 1 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes</p> <p>Appendix 2 – Specific questions for inert waste landfill and deposit for recovery operations</p>
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1 What waste operations are you applying for?

Fill in Table 1a with details of what you are applying for.

Fill in a separate table for each waste operation you are applying for. Use a separate sheet if you have a long list and send it to us with your application form. Tell us below the reference you have given the extra sheet.

Document reference

Types of waste accepted

For each line in Table 1a, fill in a separate document to list those wastes you will accept on the site for that operation, giving the List of Wastes catalogue code (search for ‘Technical guidance on how to assess and classify waste’ at www.gov.uk/government/organisations/environment-agency). If you need to exclude waste from your activity or facility by restricting the description, quantity, physical nature, hazardous properties, composition or characteristic of the waste, include these in the document. Send it to us with your application form.

1 What waste operations are you applying for?, continued

Table 1a – Waste operations which do not form part of an installation

Name of the waste operation	Description of the waste operation	Annex I (D codes) and Annex II (R codes) and descriptions	Hazardous waste treatment capacity (if this applies) (See note 1)	Non-hazardous waste treatment capacity (if this applies) (See note 1)
Add extra rows if you need them. If you do not have enough room, go to the line below or send a separate document and give us the document reference here	Use the description from the guidance. Include any extra detail that you think would help to accurately describe what you want to do			
For all waste operations	Total storage capacity (see note 2)			
	Annual throughput (tonnes each year)			

Notes

1 By 'capacity', we mean:

- the total landfill capacity (cubic metres) for landfills
- the total treatment capacity (tonnes each day) for waste treatment
- the total storage capacity (tonnes) for waste-storage operations

2 By 'total storage capacity', we mean the maximum amount of waste in tonnes you store on the site at any one time.

1 What waste operations are you applying to vary?, continued

Please provide the document reference. You can use Table 1b as a template.

If you want to accept any waste with a code ending in 99, you must provide more information and a full description of the waste in the document, (for example, detailing the source, nature and composition of the waste). Where you only want to receive specific wastes within a waste code you can provide further details of the waste you want to receive. Where a waste is dual coded you should use both codes for the waste.

Document reference _____

Table 1b – Template example – types of waste accepted and restrictions

Waste code	Description of the waste
Example	Example
02 01 08*	Agrochemical waste containing hazardous substances
18 01 03*	Infectious clinical waste, not contaminated with chemicals or medicines – human healthcare (may contain sharps) for alternative treatment
17 05 03*/17 06 05*	Non-hazardous soil from construction or demolition contaminated with fragments of asbestos cement sheet

1c Deposit for recovery purposes (see Appendix 4 and the guidance notes on part B4)

Are you applying for a waste recovery activity involving the permanent deposit on waste on land for construction or land reclamation (including landfill restoration)?

No Go to section 2

Yes

Are you applying for an inert landfill permit that includes a restoration activity using waste?

No Go to section 2

Yes Please send us a copy of your restoration plan in accordance with our guidance at <https://www.gov.uk/guidance/landfill-operators-environmental-permits/restore-your-landfill-site>

Have we advised you during pre-application discussions that we believe the activity is waste recovery?

No Go to section 2

Yes

Have there been any changes to your proposal since the discussions?

No

Yes

Please send us a copy of your waste recovery plan that complies with our guidance at <https://www.gov.uk/guidance/waste-recovery-plans-and-permits>. You need to highlight any changes you have made since your pre-application discussions. Also give us the reference number of the document with your justification.

Please note that there is an additional charge for the assessment of a waste recovery plan that must be submitted as part of this application. For the charge see <https://www.gov.uk/topic/environmental-management/environmental-permits>.

Document reference _____

Supporting information

3 Operating techniques

3a Technical standards

Fill in Table 3a for each waste operation you refer to in Table 1a above and list the ‘appropriate measures’ you are planning to use. If you are using the standards set out in the relevant technical guidance(s) (TGN) there is no need to justify using them within your documents in Table 3a.

You must justify your decisions in a separate document if:

- there is no technical standard
- the technical guidance provides a choice of standards, or
- you plan to use another standard

This justification could include a reference to the Environmental Risk Assessment provided in part B2 of the application form.

Table 3a should summarise:

- the operations undertaken
- the measures you will use to control the emissions from your process, as identified in your risk assessment or the relevant technical guidance
- how you will meet other standards set out in the relevant technical guidance

Table 3a – Technical standards

Fill in a separate table for each waste operation.

Waste operation		
Description of the waste operation Add extra rows if you need them	Appropriate measure (TGN reference)	Document reference (if appropriate)

In all cases, describe the type of facility or operation you are applying for and provide site infrastructure plans, location plans and process flow diagrams or block diagrams to help describe the operations and processes undertaken. Give the document references you use for each plan, diagram and description.

Document reference

3b General requirements

Fill in a separate table for each waste operation.

Table 3b – General requirements

Name of the waste operation	
If the technical guidance or your risk assessment shows that emissions of substances not controlled by emission limits are an important issue, send us your plan for managing them	Document reference or references
If the technical guidance or your risk assessment shows that odours are an important issue, send us your odour management plan. If your activity type is listed in the guidance document ‘Control and monitor emissions for your environmental permit’ as needing an odour management plan, or your risk assessment shows that odours are an important issue, you need to send us your odour management plan.	Document reference or references
If the technical guidance or your risk assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both)	Document reference or references

3 Operating techniques, continued

We may need to ask for management plans or risk assessments in other circumstances based on our regulatory experience. If you are unsure as to whether you need to submit a management plan with your application, please discuss this with the Environment Agency prior to submission.

Search for 'Risk assessment for your environmental permit' at www.gov.uk/government/organisations/environment-agency.

3c Information for specific sectors

For some of the sectors, we need more information to be able to set appropriate conditions in the permit. This is as well as the information you may provide in sections 5, 6 and 7. For those activities listed in Table 3c, you must answer the questions in the related document.

Table 3c – Questions for specific sectors

Sector	Appendix
Recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes	See the questions in appendix 1
Inert landfill and deposit of waste on land for construction, land reclamation, restoration or improvement	See the questions in appendix 2

General information

4 Monitoring

4a Describe the measures you use for monitoring emissions by referring to each emission point in Table 2 above

You should also describe any environmental monitoring. Tell us:

- how often you use these measures
- the methods you use
- the procedures you follow to assess the measures

Document reference

4b Point source emissions to air only

Provide an assessment of the sampling locations used to measure point source emissions to air. The assessment must use M1 (search for 'M1 sampling requirements for stack emission monitoring' at www.gov.uk/government/organisations/environment-agency).

Document reference of the assessment

5 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.gov.uk/government/organisations/environment-agency

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£

Plain English Campaign's Crystal Mark does not apply to appendices 1 to 2.

Appendix 1 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes

1 Please provide an accurate and reliable characterisation of your compost like outputs (CLO). This should be based on sampling and analysis of the CLO produced by the treatment (MBT) process over a 12-month period and in accordance with section 2 of TGN 6.15

Document reference _____

2 Please provide an agricultural benefit assessment for the use of your CLO. This should be based on section 2 of TGN 6.15 and should be signed and dated by an appropriate technical expert

Document reference _____

3 Please provide a site-specific risk assessment of risks to soil and food chain receptors. This should be based on Schedule 2 of TGN 6.15 and include a map with a green outline showing the boundary of the area being treated and include:

- locations where the waste will be stored and spread
- any spring, well or borehole used to supply water for domestic or food production purposes that is within 250 metres of the area being treated
- any spring, well or borehole not being used for domestic or food production purposes that is within 50 metres of the area being treated
- any European designated sites (candidate or Special Area of Conservation, proposed or Special Protections Area in England and Wales or Ramsar Site) or Sites of Special Scientific Interest (SSSI) which are within 500 metres of the place where waste is to be stored or spread
- the location of public rights of way
- any Groundwater Source Protection Zones
- surface watercourses
- any buildings or houses within 250 metres of the area being treated
- land drains within the boundary

Document reference _____

4 Are the technical standards and measures fully in line with those set out in section 3 of TGN 6.15?

No Provide justification for departure from TGN 6.15 and a copy of the proposed technical standards, measures or procedures

Document reference _____

Yes

Appendix 2 – Specific questions for inert waste landfill and deposit for recovery operations

1 Please provide your Environmental Setting and Site Design (ESSD) report

Document reference _____

Note: You should use the Environment Agency template to help you develop an environmental setting and site design (ESSD) report.

2 Please provide your Waste Acceptance Procedures (including Waste Acceptance Criteria)

Document reference _____

3 Have you provided a hydrogeological risk assessment (HRA) for the site?

No Please refer to the section of your ESSD that explains why this is unnecessary for your site

Yes Document reference _____

4 Have you completed an outline engineering plan for the site?

No Please refer to the section of your ESSD that explains why this is unnecessary for your site

Yes Document reference _____

5 Have you provided a stability risk assessment (SRA) for your site?

No Please refer to the section of your ESSD that explains why this is unnecessary for your site

Yes Document reference _____

Appendix 2 – Specific questions for inert waste landfill and deposit for recovery operations, continued

6 Have you completed a monitoring plan for the site?

No Please refer to the section of your ESSD that explains why this is unnecessary for your site

Yes Document reference _____

7 Have you completed a plan for closing the site and procedures for looking after the site once it has closed?

No If no for deposit for recovery activities please refer to the section of your ESSD that explains why this is unnecessary for your site

Yes For inert waste landfill you must provide a closure plan

Document reference _____

Spreading waste to support plant growth

8a Does the activity involve the deposit of waste to create or treat a growing medium (R10 for land treatment)?

No

Yes

8b If you answered 'yes' to question 8a, does the R10 activity include the spreading of waste to improve the quality of the growing medium (e.g. soil conditioner to improve existing soil profile)?

No

Yes Go to question 8c

8c If you have answered 'Yes' to question 8b, have you completed a benefit statement?

No Please explain why

Document reference _____

Yes

Note: Refer to our guidance when completing your statement (including EPR 8.01, section 6).

Application for an environmental permit

Part F1 – Charges and declarations



Fill in this part for all applications for installations, waste operations, mining waste operations, water discharges, point source groundwater discharges and groundwater discharges onto land. Please check that this is the latest version of the form available from our website.

Please read through this form and the guidance notes that came with it.

The form can be:

- 1) saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.
- 2) printed off and filled in by hand. Please write clearly in the answer spaces.

It will take less than two hours to fill in this part of the application form.

Contents

- 1 Working out charges
- 2 Payment
- 3 Privacy notice
- 4 Confidentiality and national security
- 5 Declaration
- 6 Application checklist
- 7 How to contact us
- 8 Where to send your application

Each individual who is applying for their name to appear on the permit must complete the declaration in section 5. You will have to print a separate copy of the declaration page for each additional individual to complete.

1 Working out charges

You must fill in this section.

You have to submit an application fee with your application. You can find out the charge by searching for 'Environment Agency charging scheme and guidance: environmental permits' at www.gov.uk/government/organisations/environment-agency.

Please remember that the charges are revised on 1 April each year and that there is an annual subsistence charge to cover the costs we incur in the ongoing regulation of the permit.

Table 1 – Type of application (fill number of activity being applied for in each column)

Installation	Waste	Mining waste	Medium Combustion Plant (MCP)/Specified Generator (SG)	Water discharge/point source discharge to groundwater	Groundwater spreading onto land

Table 2 – Charge type (A)

Charge activity reference	Charge activity description	What are you applying to do? E.g. new, minor variation, normal variation, substantial variation, surrender, low risk surrender, transfer	Amount
e.g. 1.17.3	e.g. Sect 5.2 landfill for hazardous waste	e.g. transfer	e.g. £5,561
Total A			

1 Working out charges (you must fill in this section), continued**Table 3 – Additional assessment charges (B)**

Part 1.19 Charges for plans and assessments			Tick appropriate
Reference	Plan or assessment	Charge	
1.19.1	Waste recovery plan	£1,231	<input type="checkbox"/>
1.19.2	Habitats assessment (except where the application activity is a flood risk activity)	£779	<input type="checkbox"/>
1.19.3	Fire prevention plan (except where the application activity is a farming installation)	£1,241	<input type="checkbox"/>
1.19.4	Pests management plan (except where the application activity is a farming installation)	£1,241	<input type="checkbox"/>
1.19.5	Emissions management plan (except where the application activity is a farming installation)	£1,241	<input type="checkbox"/>
1.19.6	Odour management plan (except where the application activity is a farming installation)	£1,246	<input type="checkbox"/>
1.19.7	Noise and vibration management plan (except where the application activity is a farming installation)	£1,246	<input type="checkbox"/>
1.19.8	Ammonia emissions risk assessment (intensive farming applications only)	£620	<input type="checkbox"/>
1.19.9	Dust and bio-aerosol management plan (intensive farming applications only)	£620	<input type="checkbox"/>
	Advertising	£500	<input type="checkbox"/>
Total B			

Total charges

£7,969.00

Total A plus total B

2 Payment

Tick below to show how you have paid.

Cheque Postal order Cash Tick below to confirm you are enclosing cash with the applicationCredit or debit card Electronic transfer (for example, BACS)

Remittance number _____

Date paid (DD/MM/YYYY) _____

How to pay**Paying by cheque, postal order or cash**

Cheque details

Cheque made payable to _____

Cheque number _____

Amount

£ _____

You should make cheques or postal orders payable to 'Environment Agency' and make sure they have 'A/c Payee' written across them if it is not already printed on.

Please write the name of your company and application reference number on the back of your cheque or postal order. **We will not** accept cheques with a future date on them.

We do not recommend sending cash through the post. If you cannot avoid this, please use a recorded delivery postal service and enclose your application reference details. Please tick the box below to confirm you are enclosing cash.

I have enclosed cash with my application

2 Payment, continued

Paying by credit or debit card

If you are paying by credit or debit card we can call you. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro card only.

Please call me to arrange payment by debit or debit card

Paying by electronic transfer BACS reference

If you choose to pay by electronic transfer you will need to use the following information to make your payment.

Company name	Environment Agency
Company address	SSCL (Environment Agency), PO Box 797, Newport Gwent, NP10 8FZ
Bank	RBS/NatWest
Address	London Corporate Service Centre, CPB Services, 2nd Floor, 280 Bishopsgate, London EC2M 4RB
Sort code	60-70-80
Account number	10014411
Account name	EA RECEIPTS
Payment reference number	PSCAPPXXXXYYY

You need to create your own reference number. It should begin with PSCAPP (to reflect that the application is for a permitted activity) and it should include the first five letters of the company name (replacing the X's in the above reference number) and a unique numerical identifier (replacing the Y's in the above reference number). The reference number that you supply will appear on our bank statements.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB23NWK60708010014411 and our SWIFTBIC number is NWBKGB2L.

If you do not quote your reference number, there may be a delay in processing your payment and application.

Provide a unique reference number for the application, i.e. do not only use the company name only

State who is paying (full name and whether this is the agent/ applicant/other)

Fee paid £

Date payment sent (DD/MM/YYYY)

Now read section 3 below

You should also email your payment details and reference number to ea_fsc_ar@gov.sscl.com.

3 Privacy notice

The Environment Agency runs the environmental permit application service.

We are the data controller for this service. A data controller determines how and why personal information is processed.

Our personal information charter explains:

- your rights
- what we do with your personal information

We're allowed to process your personal information because we have official authority as the environmental regulator. We need this information to carry out a task in the public interest that is set out in law. As the data controller, when you apply for an environmental permit, we have a legal obligation to process your personal data under the Environmental Permitting Regulations. The second lawful basis for processing your personal data is to comply with this legal obligation.

We need your personal information to process your environmental permit application. If you do not give us this information we cannot issue a permit to you. After we've issued a permit to you, we use your personal information:

- to check that you're complying with your permit
- during any potential enforcement action

What personal information we collect

If you're the individual applicant, director or company secretary of a company applying or a technically competent manager we need your:

- name
- date of birth

3 Privacy notice, continued

- address
- email address

If you're the agent, consultant, employee responsible for the activity or the employee responsible for billing and invoicing we need your:

- name
- address
- email address

If you're the applicant we need details of any:

- convictions
- bankruptcy

We also collect any questions or feedback you leave, including your email address if you contact us.

Your responsibility with other people's personal information

If you've included personal information about other people on your application, you must tell them. You must provide them with a copy of this privacy notice so that they know how their personal information will be used.

What we do with your personal information

We use your personal information to help us decide whether to issue you with a permit.

The information (except dates of birth) is available online on our consultation website during the consultation period. This website is available to everyone so your information may be seen outside the European Economic Area.

After consultation we put all the information (except dates of birth) you give us in your application on our public register.

If you can demonstrate that any information you send us is commercially or industrially confidential, we'll consider withholding that information from our public register.

If you think that the information you'll send us may be a threat to national security you must contact the Secretary Of State before you apply. You must still send us that information with your application. We will not include this information on our public register unless the Secretary of State decides it can be included.

See the environmental permitting guidance for guidance on national security.

We may use your email address to contact you for user research to improve our service. You don't have to take part in the research.

Where your personal information is processed and stored

We store and process your personal information on servers in the UK. We will not host your personal information outside the European Economic Area.

We do not use your personal information to make an automated decision or for automated profiling.

How long we keep your personal information

We keep your personal information while your permit is in use and for 7 years after you surrender your permit. If the permit is for a landfill site, we keep the data for 10 years after surrender.

Removing personal information from the public register

We will remove your personal information from the public register if:

- you withdraw your application
- we refuse your application and the time limit for appealing the decision has expired or an appeal is dismissed
- the information is no longer relevant for public participation purposes under the Environmental Permitting Regulations

Contact

Our Data Protection Team gives independent advice. They monitor how the Environment Agency uses your personal information.

If you have questions or concerns about how we process personal information, or to make a complaint or request relating to data protection, please contact:

Address: Data Protection Team
Environment Agency
Horizon House
Deanery Road
Bristol
BS1 5AH

3 Privacy notice, continued

Email: dataprotection@environment-agency.gov.uk

You can also make a complaint to the Information Commissioner's Office (ICO).

The ICO is the supervisory authority for data protection legislation. The ICO website has a full list of your rights under data protection legislation.

Now read section 4 below

4 Confidentiality and national security

Confidentiality

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential.

You can ask for information to be made confidential by enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application. You can find guidance on confidentiality in 'Environmental permitting guidance: core guidance', published by Defra and available via our website at www.gov.uk/government/organisations/environment-agency.

Only tick the box below if you wish to claim confidentiality for your application

Please treat the information in my application as confidential

National security

You can tell the Secretary of State that you believe including information on a public register would not be in the interests of national security. You must enclose a letter with your application telling us that you have told the Secretary of State and you must still include the information in your application. We will not include the information in the public register unless the Secretary of State decides that it should be included.

You can find guidance on national security in 'Environmental permitting guidance: core guidance', published by Defra and available via our website at www.gov.uk/government/organisations/environment-agency.

You cannot apply for national security via this application.

Now fill in section 5

5 Declaration

If you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

A relevant person should make the declaration (see the guidance notes on part F1). An agent acting on behalf of an applicant is NOT a relevant person.

Each individual (or individual trustee) who is applying for their name to appear on the permit must complete this declaration. You will have to print a separate copy of this page for each additional individual to complete.

If you are transferring all or part of your permit, both you and the person receiving the permit must make the declaration. You must fill in the declaration directly below; the person receiving the permit must fill in the declaration under the heading 'For transfers only'.

Note: we will issue a letter to both current and new holders to confirm the transfer. If you are changing address we will need to send this letter to your new address; therefore please tell us your new address in a separate letter.

If you are unable to trace one or more of the current permit holders please see below under the transfers declaration.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

I confirm that my standard facility will fully meet the rules that I have applied for (this only applies if the application includes standard facilities)

Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below (you do not have to provide a signature as well)

Tick this box if you do not want us to use information from any ecological survey that you have supplied with your application (for further information please see the guidance notes on part F1)

5 Declaration, continued

Name

Title (Mr, Mrs, Miss and so on) _____

First name _____

Last name _____

on behalf of
(if relevant; for example, a company or organisation and so on) _____

Position
(if relevant; for example, in a company or organisation and so on) _____

Today's date (DD/MM/YYYY) _____

For transfers only – declaration for person receiving the permit

A relevant person should make the declaration (see the guidance notes on part F1). An agent acting on behalf of an applicant is NOT a relevant person.

I declare that the information in this application to transfer an environmental permit to me is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

Note: If you cannot trace a person or persons holding the permit you may be able to transfer the permit without their declaration as above. Please contact us to discuss this and supply evidence in your application to confirm you are unable to trace one or all of the permit holders.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below (you do not have to provide a signature as well)

Name

Title (Mr, Mrs, Miss and so on) _____

First name _____

Last name _____

on behalf of
(if relevant; for example, a company or organisation and so on) _____

Position
(if relevant; for example, in a company or organisation and so on) _____

Today's date (DD/MM/YYYY) _____

Now go to section 6

6 Application checklist

You must fill in this section.

If your application is not complete we will return it to you. If you aren't sure about what you need to send, speak to us before you submit your application.

You must do the following:

- Complete legibly all parts of this form that are relevant to you and your activities
- Identify relevant supporting information in the form and send it with the application
- List all the documents you are sending in the table below. If necessary, continue on a separate sheet. This separate sheet also needs to have a reference number and you should include it in the table below
- For new permits or any changes to the site plan, provide a plan that meets the standards given in the guidance note on part F1
- Provide a supporting letter for any claim that information is confidential
- Get the declaration completed by a relevant person (not an agent)
- Send the correct fee

6 Application checklist, continued

Question reference	Document title	Document reference

7 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.gov.uk/government/organisations/environment-agency

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, or you would like us to review a decision we have made, please let us know. More information on how to do this is available at: <https://www.gov.uk/government/organisations/environment-agency/about/complaints-procedure>.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

8 Where to send your application

For how many copies to send see the guidance note on part F1.

Please send your filled in application form to:

For water discharges by email to PSC-WaterQuality@environment-agency.gov.uk

For waste and installations by email to PSC@environment-agency.gov.uk

Or

Permitting Support, NPS Sheffield
Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield
S9 4WF

Do you want all information to be sent to you by email?

Please tick this box if you wish to have all communication about this application sent via email (we will use the details provided in part A)

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£ _____



APPLICATION FORM B2: QUESTION 3b
TECHNICAL COMPETENCE

From: Dean Milnes <dmaterac@btinternet.com>
Sent: 15 February 2022 14:57
To: Chris Williamson
Subject: RE: Philip Waterton WAMITAB Registration Form

Hi Chris please see below. The assessor will be in touch with Robert.

Learner Registrations

Click on the surname to review the learner's history for your currently selected organisation

Actions	All	Learner ID	ULN	Title	Forename	Surname	Date of Birth	Status	Metrics	Registered On
Actions		122052		—	Robert Philip	Waterton (more...)		Not Specified	Metrics	 CIWM (WAMITAB) Level 4 High Risk Oper Hazardous Waste

Regards

Dean Milnes

AT Nerac Ltd

Unit 34 Mount Osborne Business Centre,
Oakwell View, Barnsley S71 1HH
01226-297797 07921-075290
www.atnerac.com

APPLICATION FORM B2: QUESTION 3d
MANAGEMENT SYSTEM SUMMARY

The Environmental Management System (EMS) is currently being drafted and so is not yet ready for submission and scrutiny. Below however is the summary of what the EMS will contain. The EMS will be finalised in readiness for permit issue.

EMS Index

SECTION	SECTION TITLE	PAGE No.
1.0	SITE DETAILS AND INFORMATION	4
2.0	WASTE ACTIVITY	4/5
3.0	PERMITTED WASTES	5
4.0	WASTE ACCEPTANCE AND CONTROL SYSTEMS PROCEDURES	5/6
5.0	WASTE QUANTITY MEASUREMENT	6
6.0	STORING WASTES	6
7.0	INFRASTRUCTURE – INSPECTION AND MAINTENANCE	7
8.0	CONTROL OF ODOUR	8
9.0	SECURITY AND AVAILABILITY OF RECORDS	8
10.0	MANAGEMENT AND STAFFING	8/9
11.0	POTENTIAL OIL LEAKS AND SPILLS	9
12.0	FIRE FIGHTING MANAGEMENT PLAN	9/10
13.0	SITE SECURITY	10
14.0	PERSONAL ACCIDENTS ON SITE	10
15.0	COMPLAINTS FROM NEIGHBOURS	11

The system includes an Environmental Policy which commits to:

- Minimise disturbance to the environment and to the local communities.
- Comply with all relevant statutory regulations.
- Maintain the highest environmental standards within the Company premises.
- Provide all necessary information to enable proper use, storage and recovery of waste to avoid harm to the environment.
- Provide all necessary information to enable employees to carry out procedures properly to minimise negative effects.
- Conduct regular environmental audits to ensure that best practice procedures are fully implemented.

The Policy and the system are fully committed to by senior management, and appropriate financial planning, investment and employee training is provided to enable effective control.

A summary of Section 2 of the EMS – ‘Waste Activity’ is shown below:

Temporary storage of hazardous waste with total capacity less than 50 tonnes.

One tank stores mixed waste oils with a capacity of 50,000 litres.

Annex II codes – R13 (on site) with removal for offsite recovery R9 and R1.

No waste treatment proposed on site.

Annual throughput – 3,000 tonnes

Release of clean uncontaminated surface water to Throop Farm Industrial Estate’s surface water drains.

Utilities use for sump pump, lighting and security.

The 50,000 litre steel waste oil storage tank is double bunded / self bunded, designed as one operational tank with an internal overflow into the outer 16,000 litre surrounding steel bund. A high-level alarm would sound before any overflow from the internal tank to the outer bund tank. As the internal 50,000 litre tank is an integral part of the larger outer tank, the total capacity is 66,000 litres and the secondary containment is, therefore, equivalent to 132% of the operational tank. Fill and discharge points are double valved and located over drip trays inside a cabinet positioned on the end of the tank. All drips and spillages are cleared away immediately or at the end of the transfer. The double bunded tank is located inside a kerbed concrete base to provide tertiary containment.

Typical photographs of this double bunded tank design are shown below:





A summary of Section 3 of the EMS – ‘Permitted Wastes’ is shown below:

Waste Code	Description
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils

A summary of Section 8 of the EMS – ‘Odour’ from emissions is shown below:

Emissions monitoring has been undertaken across the waste oil industry and was reported to participating companies in Enviro-Lex report: Report of sampling of emissions to air and water arising from the treatment of used oil, July 2006. The relevant results from the Enviro-Lex monitoring campaign have been considered for this application.

The Enviro-Lex campaign reported a tank filling rate of 47.5m³ per hour. This waste activity will receive up to 3,000 tonnes (3,400m³) of waste oil each year and hence emissions through displacement of the tank head space may occur for approximately 72 hours (0.82%) of any year. The measured emissions are shown below:

Pollutant	Concentration (mg m⁻³)	Release Rate (g s⁻¹)	Annual Release (kg annum⁻¹)
Ammonia	2.1	1.48E-06	0.007
Benzene	145	1.02E-04	0.496
Butane	99	6.98E-05	0.338
Butene	50.5	3.56E-05	0.173
Dichloromethane	164	1.16E-04	0.560
Heptane	140	9.87E-05	0.478
Hexane	124	8.74E-05	0.424
Hexene	103	7.26E-05	0.352
Hydrogen Sulphide	0.01	7.05E-09	0.00003
Methylbutane	197	1.39E-04	0.673
Methylhexane	84.7	5.97E-05	0.289
Methylpentane	78.2	5.51E-05	0.267
Pentane	414	2.92E-04	1.415
Pentene	352	2.48E-04	1.203
Toluene	1050	7.40E-04	3.589
Xylenes	350	2.47E-04	1.196

All of the emissions shown above are de-minimis.

APPLICATION FORM B2: QUESTION 5a
SITE PLANS

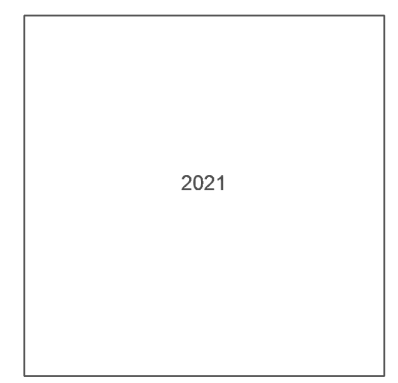
Site Details:
 THROOP BUSINESS PARK,
 THROOP ROAD,
 BOURNEMOUTH, BH8 0DQ

Client Ref: CW_Bournemouth
Report Ref: GS-8390963
Grid Ref: 411379, 95447

Map Name: National Grid
Map date: 2021
Scale: 1:10,000
Printed at: 1:10,000



APPLICATION SITE SHOWN AS BLUE RECTANGLE
 NOT TO SCALE



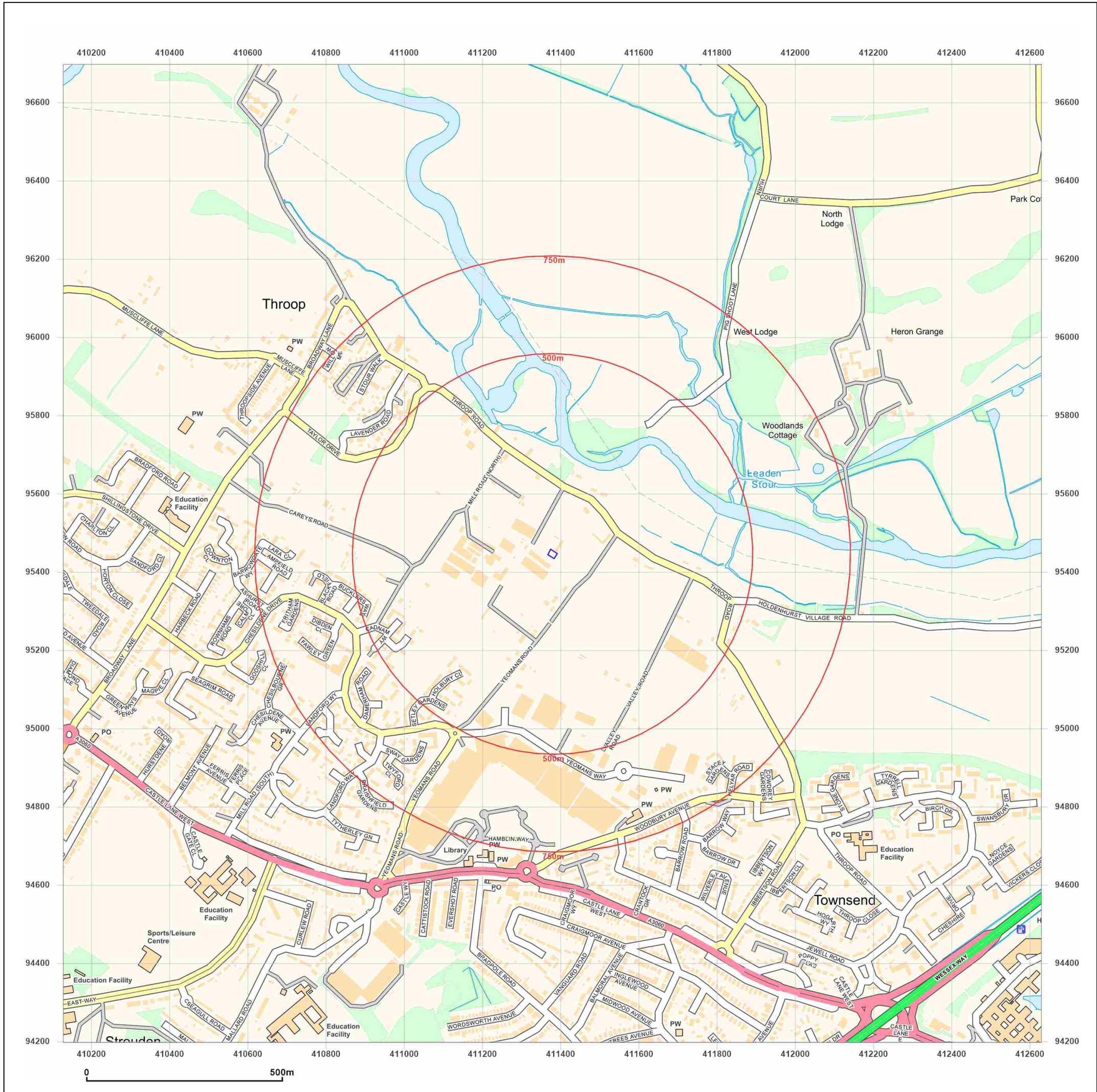
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Site Details:

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BOURNEMOUTH, BH8 0DQ

Client Ref: CW_Bournemouth
Report Ref: GS-8390963
Grid Ref: 411379, 95447

Map Name: LandLine

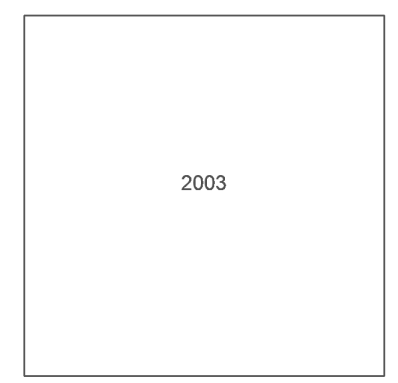
Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



APPLICATION SITE SHOWN AS A BLUE RECTANGLE
NOT TO SCALE

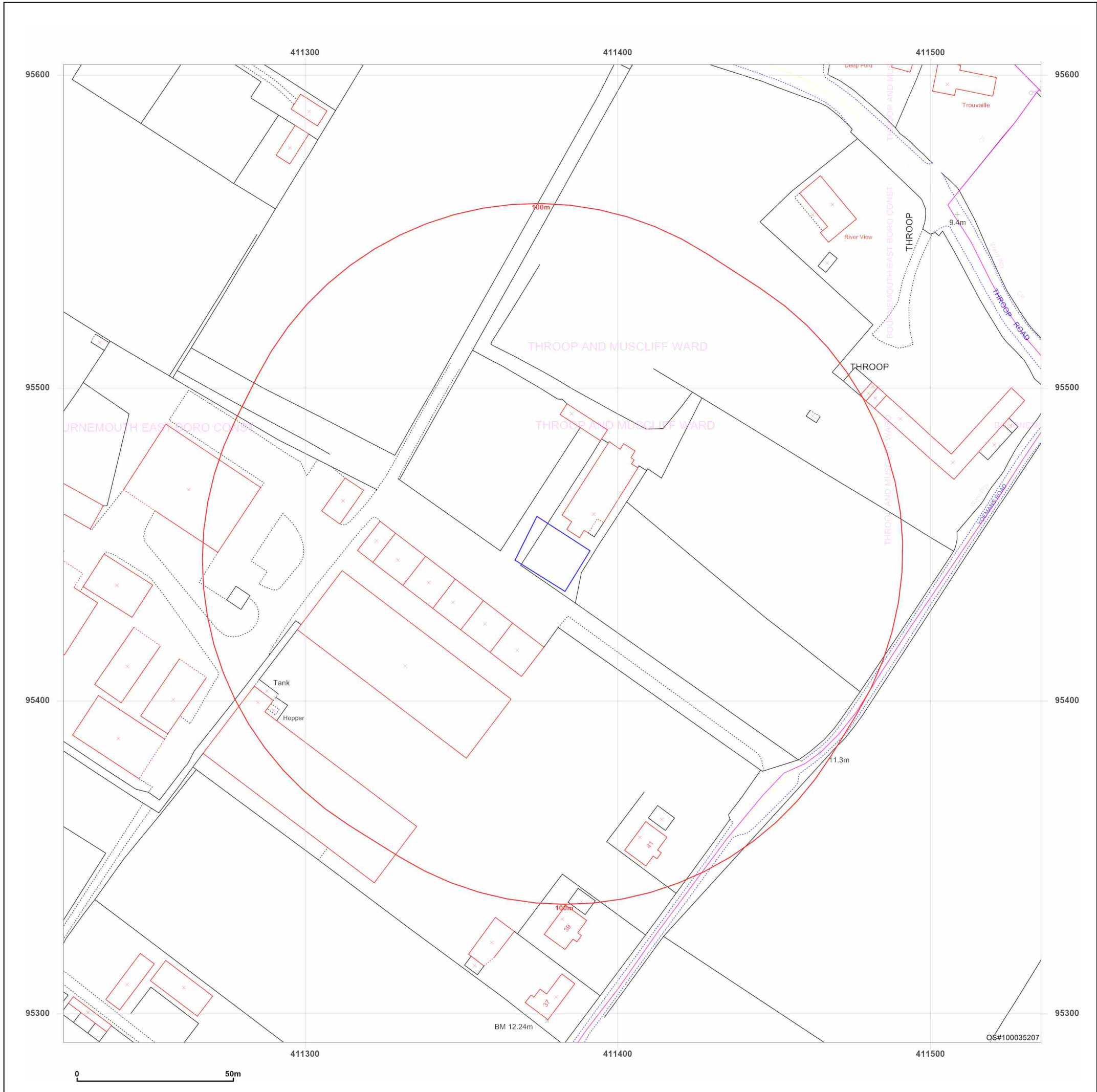


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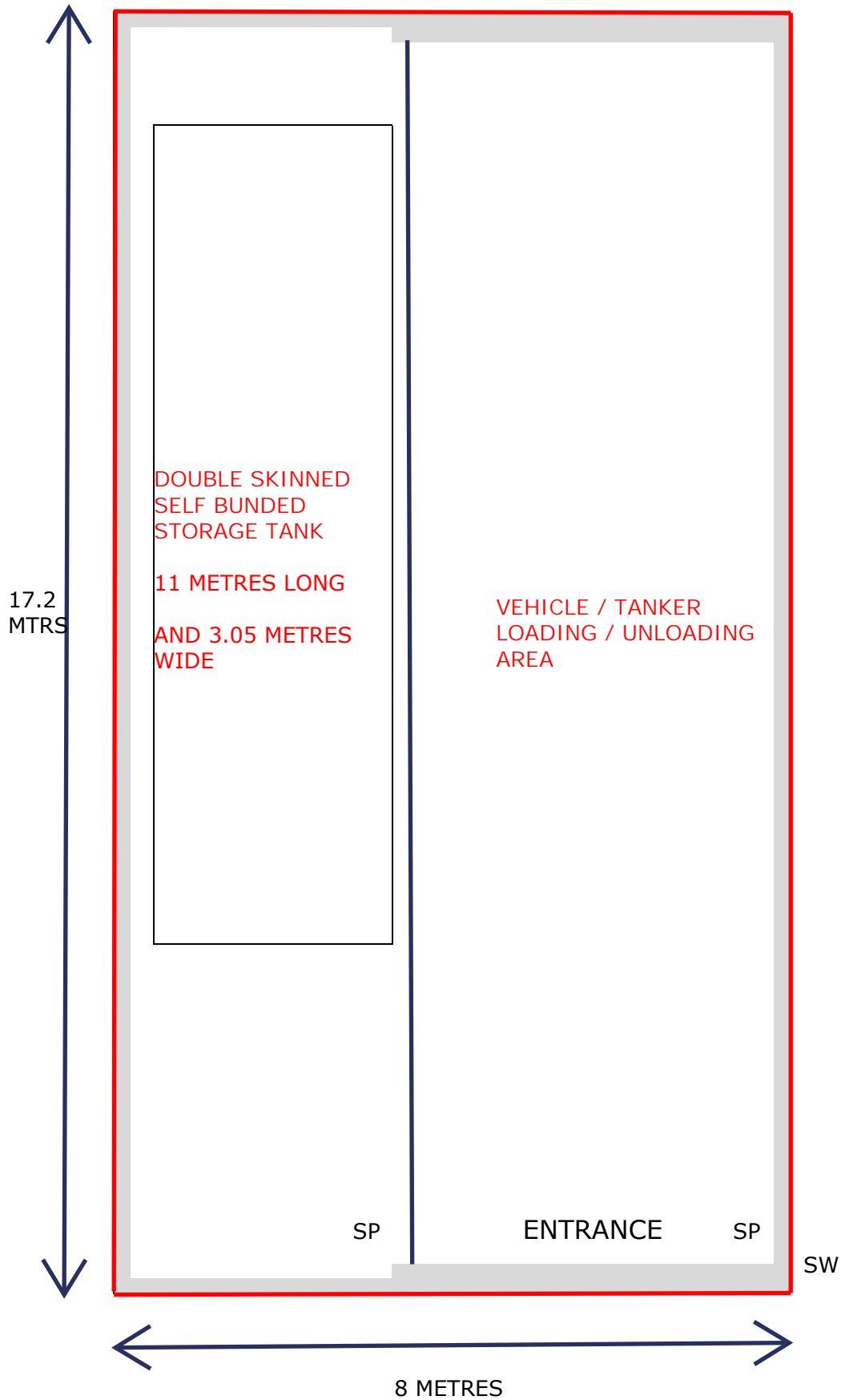
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DETAILED SITE PLAN



DOUBLE TANK DIMENSIONS

11m (L) x 3.05m (W) x 2.0m (H)

VEHICLE LOADING / UNLOADING AREA

16.5m (L) x 4.5m (W) PLUS KERB AND ROLLOVER BUND

TOTAL FOOTPRINT

17.2m (L) x 8m (W) = approx. 140 square metres OR 0.035 acre

REINFORCED CONCRETE
KERBED PERIMETER CAST
AS AN INTEGRAL PART OF
THE CONCRETE SLAB WITH
ROLOVER KERB AT EACH
END. SEALED SURFACE WITH
NO DRAINAGE

SITE BOUNDARY MARKED IN RED

SP - MANUALLY CONTROLLED SUBMERSIBLE PUMP TO INTERCEPTOR

SW - INTERCEPTOR CONNECTION TO SURFACE WATER DRAIN

APPLICATION FORM B2: QUESTION 5b
SITE BASELINE REPORT

A Phase I Site Baseline Report has been produced by Groundsure. This is included in full as Appendix 1.

The report shows that the history of the site from 1870 to 1972 was largely rural for farming use on grade 2 agricultural land. The site is located on the Branksome Sand Formation with sand and gravel deposits within 500 metres.

The Moors River System SSSI is 500 metres North East of the Site but there are no RAMSAR sites, Special Areas of Conservation, Special Protection Areas or National Nature Reserves within 2km of the Site. The Stour Valley Local Nature Reserve 1.7km to the north east of the Site.

The hydrogeology on Site is a superficial secondary A aquifer with permeable layers capable of supporting water supplies at a local rather than strategic scale and in some respects providing a base flow to the rivers, these are generally classified as minor aquifers. There are no source protection zones.

The Site is located in Flood Zone 1, an area with a low probability of flooding. The area of the development is less than 1 hectare and not affected by other sources of flooding, therefore, a flood risk assessment is not required.

Flood map for planning

Your reference
WLO Permit

Location (easting/northing)
411305/95510

Created
9 Dec 2021 12:02

Your selected location is in flood zone 1, an area with a low probability of flooding.

This means:

- you don't need to do a flood risk assessment if your development is smaller than 1 hectare and not affected by other sources of flooding
- you may need to do a flood risk assessment if your development is larger than 1 hectare or affected by other sources of flooding or in an area with critical drainage problems

Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence which sets out the terms and conditions for using government data. <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>

Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2021 OS 100024198. <https://flood-map-for-planning.service.gov.uk/os-terms>



Flood map for planning

Your reference
WLO Permit

Location (easting/northing)
411305/95510

Scale
1:2500

Created
9 Dec 2021 12:02

- Selected point
- Flood zone 3
- Flood zone 3: areas benefiting from flood defences
- Flood zone 2
- Flood zone 1
- Flood defence
- Main river
- Flood storage area



APPLICATION FORM B2: QUESTION 5c
NON-TECHNICAL SUMMARY

This application for an Environmental Permit considers the regulation of the temporary storage of hazardous waste oils at a Site in Bournemouth. The waste operation will involve the bulk storage of mixed waste oils with secondary and tertiary containment for transfer for recovery and recycling. No treatment of the waste will be facilitated at the Bournemouth site.

The Site is located at Throop Industrial Estate, Throop Road to the northwest of Bournemouth and close to the A338. The Site comprises a yard area which is less than 150 square metres (0.015 hectares). The Site comprises a fenced impermeable concrete hard standing with a kerbed surround and rollover kerbs for vehicular access. The vehicle loading / unloading area is adjacent to the single self bunded steel storage tank. Waste Lubricating Oils Limited has leased the site and intends to use it for the bulking and storage of collected mixed waste oils, prior to transfer to Whelan Refining Limited for recycling to lubricants and fuel by-products.

The Site is generally unmanned and apart from waste storage, is only operational when a driver(s) attends to load or unload waste oil in to or out of the waste oil storage tank. The Site has a secure perimeter fence and the gates are locked when the Site is unmanned.

The waste oil storage site receives and stores mixed waste oils with deliveries and collections on an intermittent basis Monday to Friday between 06:00 and 20:00 hours, although Saturday operations may occasionally be required where demand dictates.

Transfers into and out of the storage tank and the current stock level can be remotely viewed at anytime by the Company's management. All drivers are fully trained in their duties and in the management of any potential accident or incident. Drivers carry spill kits and additional spill kits are stored on Site. All drivers are trained in their use.

The outer bund storage tank has a breather. Emissions to air from the tank will only occur during transfer, being caused by the displacement of the air within the tank. The displaced air will include some volatile organic compounds (VOCs) from the oil. Fugitive emissions will be limited to minor spills. Emissions to air will be de minimis.

The Site will not have a discharge to sewer. Surface water run off will accumulate in the kerbed area and the submersible pump will be manually activated when required to discharge the clean surface water via an interceptor to the surface water drains on the industrial estate. In the event of a spillage contaminating the surface water, this contaminated water will be removed from the Site along with any cleaning liquids, to a third party permitted disposal site.

APPLICATION FORM B2: QUESTION 6
ENVIRONMENTAL RISK ASSESSMENT

The scope of the permit and associated rules is defined by the following risk criteria:

- Parameter 1 Permitted activities - The storage of waste prior to recovery or disposal elsewhere (R13 or D15)
- Parameter 2 Permitted waste types - Hazardous waste oils
- Parameter 3 Quantity of waste accepted at the facility: max 3000 tonnes per annum.
- Parameter 4 Quantity of waste stored at any one time: 50 tonnes
- Parameter 5 All waste shall be stored on an impermeable surface within a bunded area
- Parameter 6 The only point source discharges to controlled waters are surface water from areas of the facility used for loading / unloading vehicles.
- Parameter 7 No groundwater source protection and not within 50 metres of any well, spring or borehole used for the supply of water for human consumption
- Parameter 8 The activities shall not be carried out within 200 metres of a European Site (candidate or Special Area of Conservation, proposed or Special Protection Area or Ramsar site) or a Site of Special Scientific Interest (SSSI).

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population.	Waste, litter and mud on local roads.	Nuisance, loss of amenity, road traffic accidents.	Vehicles entering and leaving site.	Low	Medium	Low	Activities unlikely to give rise to litter, debris or mud.	Emissions of substances not controlled by emission limits	Low
Local human population.	Odour	Nuisance, loss of amenity.	Air transport then inhalation.	Low	Low	Low	Local residents often sensitive to odour but oil is not particularly odorous and is stored in tanks.	Odour condition requires emissions to be free from odour at levels likely to cause pollution outside the site - an odour management plan is required in the unlikely event of an odour problem.	Low
Local human population.	Noise and vibration.	Nuisance, loss of amenity, loss of sleep or harm.	Noise through the air and vibration through the ground.	Low	Medium	Low	Local residents often sensitive to noise and vibration but no heavy plant used in this activity.	Emissions shall be free from noise and vibration and a noise and vibration management plan is required where necessary.	Low

Local human population and local environment.	Flooding of site.	If waste is washed off site it may contaminate buildings / gardens / natural habitats downstream.	Flood waters.	Low	Medium	Medium	Oils are potentially polluting but stored with secondary and tertiary containment	Management system required to identify and minimise risks including those from accidents.	Low
Local human population and local environment.	Fire risk from stockpiles, arson and / or vandalism causing the release of polluting materials to air (smoke or fumes), water or land.	Respiratory irritation, illness and nuisance to local population. Injury to staff, firefighters or arsonists/vandals. Pollution of air, water or land.	Air transport of smoke. Spillages and contaminated firewater by direct run-off from site and via surface water drains and ditches.	Low	Medium	Medium	Oils have high flashpoint greater than 66 C and stored in tanks but would release noxious fumes and smoke if ignited.	Management system required to identify and minimise risks from operations - to include fire and security.	Low
Local human population and / or livestock after gaining unauthorised access to the waste operation.	All on-site hazards: wastes; machinery and vehicles.	Bodily injury.	Direct physical contact.	Low	Medium	Medium	Permitted waste types are hazardous but stored in tanks therefore only a medium magnitude risk is estimated.	Management system required to identify and minimise risks from operations - to include security.	Low
Local human population and local environment.	Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land.	Respiratory irritation, illness and nuisance to local population. Injury to staff or firefighters. Pollution of water or land.	As above.	Low	Medium	Medium	Oils have high flashpoint ~150 C and stored in sealed containers but would release noxious fumes and smoke if ignited.	Management system required to identify and minimise risks from operations - to include fire.	Low
All surface waters close to and downstream of site.	Spillage of liquids, contaminated rainwater run-off.	Acute effects; oxygen depletion, fish kill and algal blooms.	Direct run-off from site across ground surface, via surface water drains, ditches etc.	Medium	Medium	Medium	Oils could be spilled during transfer/bulking operations leading to direct contamination of surface waters but these would be contained.	All areas of the site used for storage of oil in tanks of oil shall be provided with an impermeable surface and bunding. No point source emissions to water. Require emissions management plan if activities give rise to pollution.	Low
All surface waters close to and downstream of site.	As above	Chronic effects; deterioration of water quality.	As above. Indirect run-off via the soil layer.	Medium	Medium	Medium	Oils could be spilled during transfer/bulking operations leading to direct contamination of surface waters but these would be contained.	As above	Low

Abstraction from watercourse downstream of facility (for agricultural or potable use).	As above	Acute effects, closure of abstraction intakes.	Direct run-off from site across ground surface, via surface water drains, ditches etc. then abstraction.	Medium	Medium	Medium	Oils could be spilled during transfer/bulking operations leading to direct contamination of surface waters but these would be contained.	As above	Low
Groundwater	As above	Chronic effects: contamination of groundwater, requiring treatment of water or closure of borehole.	Transport through soil/groundwater then extraction at borehole.	Medium	High	Medium	Oils could be spilled during transfer/bulking operations leading to direct contamination of surface waters but these would be contained.	The activities are outside a groundwater source protection zone 1, or if a source protection zone has not been defined then more than 50 metres from any well, spring or borehole used for the supply of water for human consumption, including private water supplies. Other conditions as above.	Low
Local human population.	Contaminated waters used for recreational purposes.	Harm to human health - skin damage or gastrointestinal illness.	Direct contact or ingestion.	Medium	Medium	Medium	Unlikely to occur, but might restrict recreational use.	Emissions of substances not controlled by emission limits.	Low
Protected sites - European sites and SSSIs protected species/habitats and other nature conservation sites.	Any	Harm to protected site through toxic contamination and disturbance.	Any	Medium	Medium	Medium	Most likely a result of surface water contamination.	Activities shall not be carried out within 200 metres of a European Site or SSSI.	Low

APPLICATION FORM B4: Q1
TABLE 1b

Waste Code	Description
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils

APPLICATION FORM B4 TABLE 3a
SITE LOCATION, SITE PLAN AND
PROCESS FLOW DIAGRAM

Site Details:

THROOP BUSINESS PARK,
THROOP ROAD,
BOURNEMOUTH, BH8 0DQ

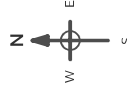
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Report Ref: GS-8390963
Grid Ref: 411379, 95447

Map Name: National Grid

Map date: 2021

Scale: 1:10,000

Printed at: 1:10,000



APPLICATION SITE SHOWN AS BLUE RECTANGLE
NOT TO SCALE

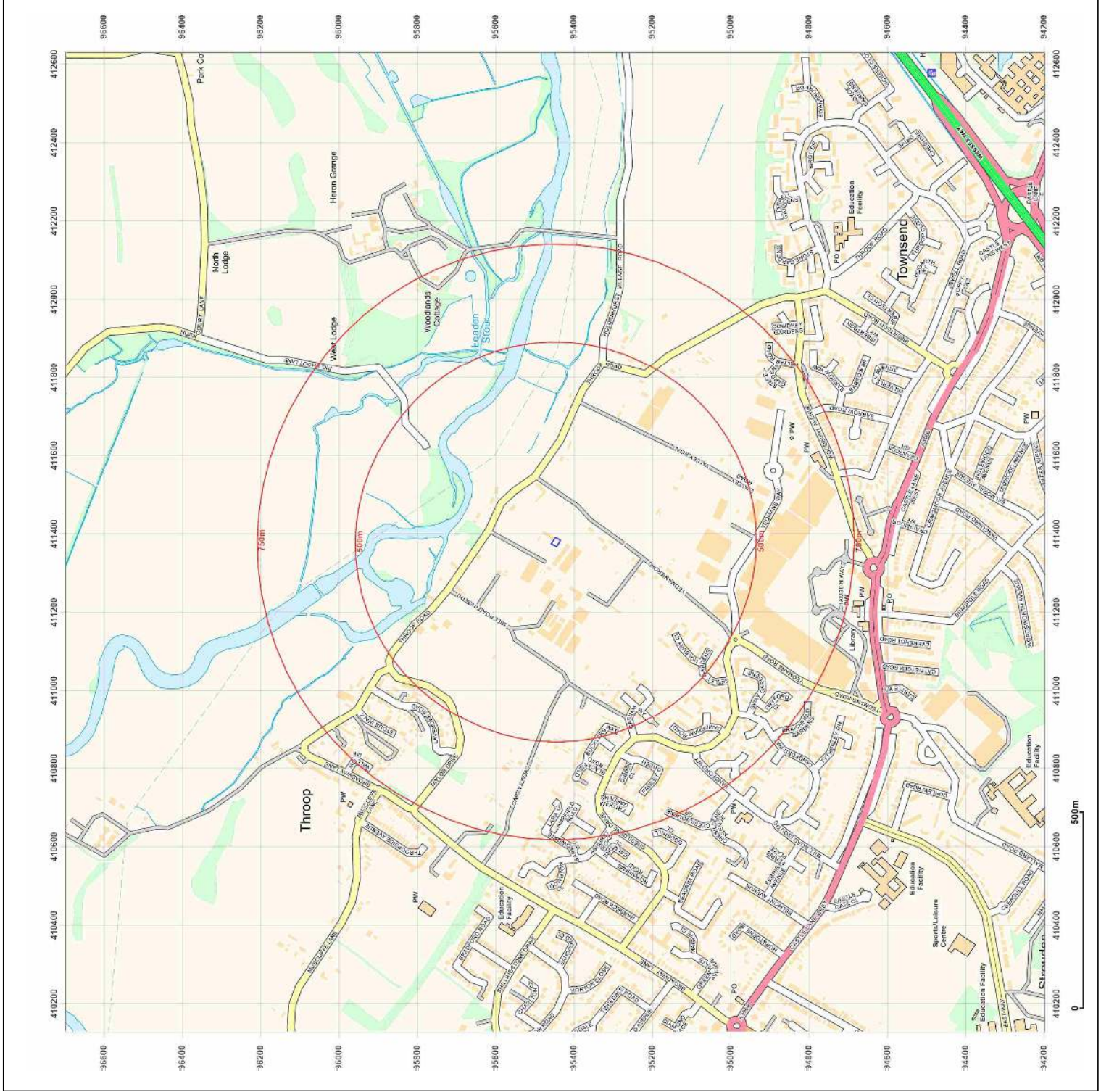


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Site Details:

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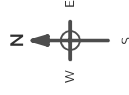
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Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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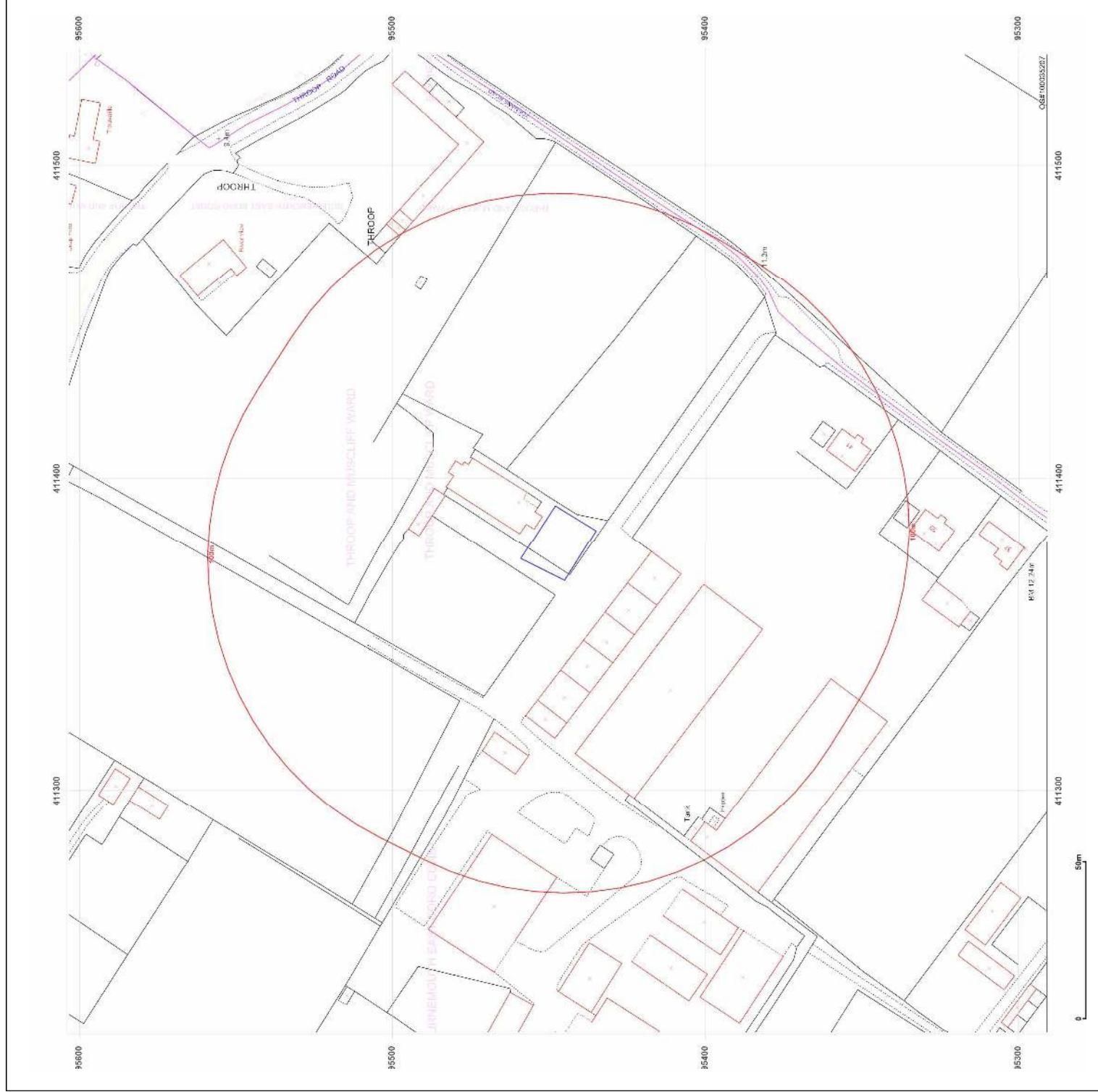
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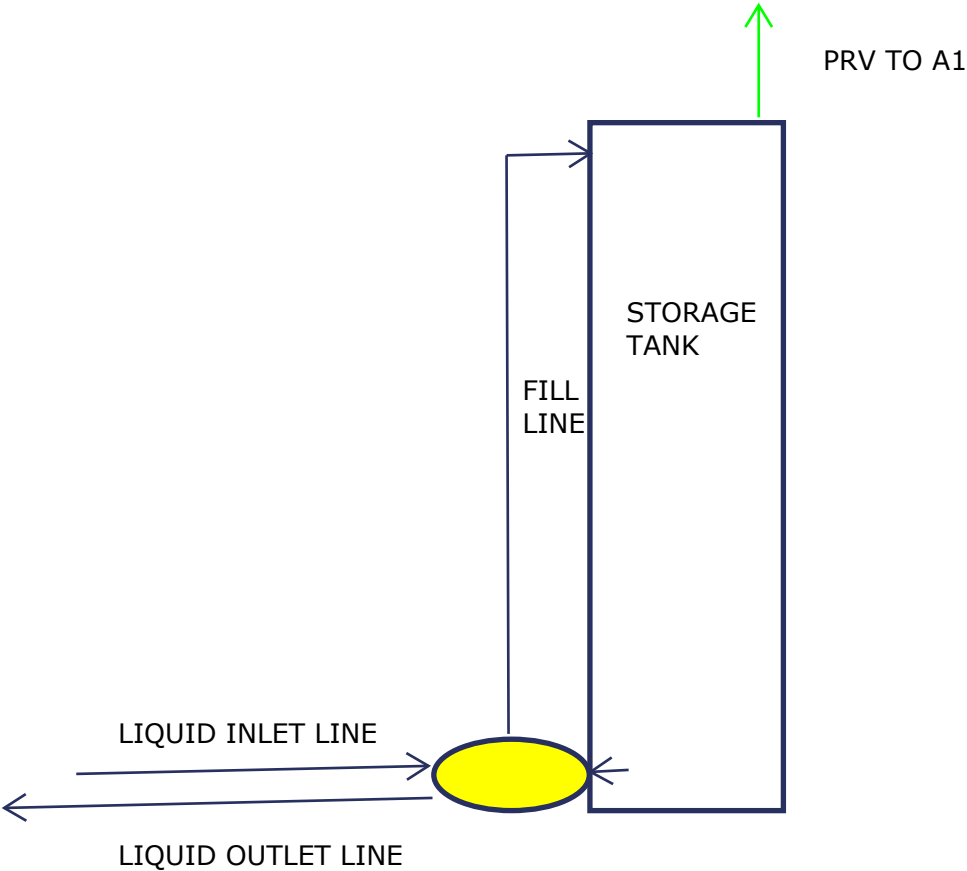
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Map legend available at:

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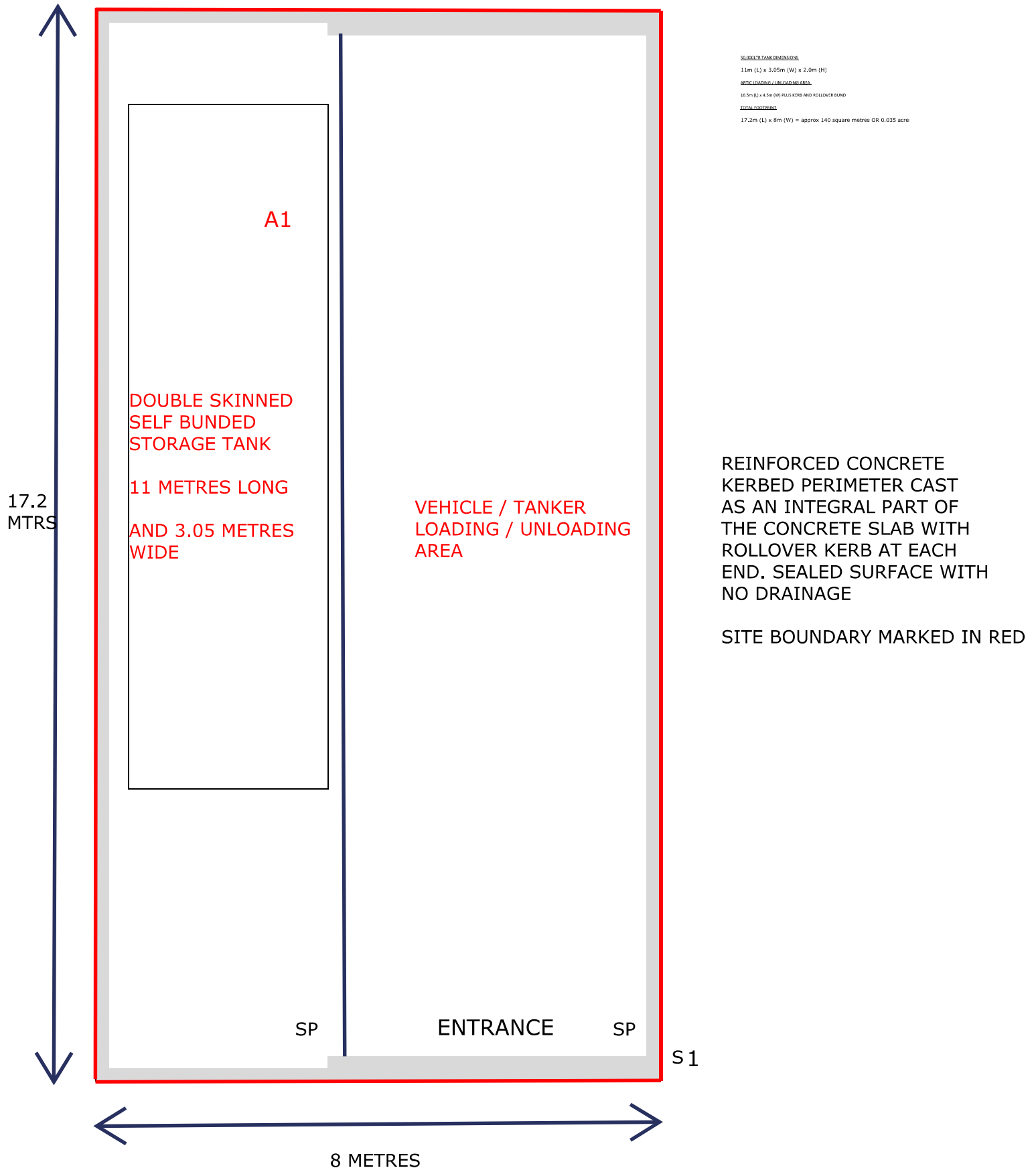


PROCESS FLOW DIAGRAM



NOTE: YELLOW OVAL SIGNIFIES 3 WAY VALVE TO ENABLE TANK FILLING AND TANK EMPTYING. ONLY THE 'PRV' - PRESSURE RELIEF VALVE CONNECTS TO THE A1 VENT / EMISSION POINT.

DETAILED SITE PLAN



SP - MANUALLY CONTROLLED SUBMERSIBLE PUMP TO INTERCEPTOR

SW - INTERCEPTOR CONNECTION TO SURFACE WATER DRAIN

**B4 Q4a & Q4b
MONITORING**

A1

The emissions are below the relevant threshold specified in the Waste Treatment BREF and therefore there is no requirement to monitor the emissions

S1

The emission is clean surface water / rainfall only with the HOI concentration significantly below the relevant threshold specified in the Waste Treatment BREF and therefore there is no requirement to monitor the emissions. There is no requirement for a Water Industry trade effluent discharge consent.

APPENDIX 1

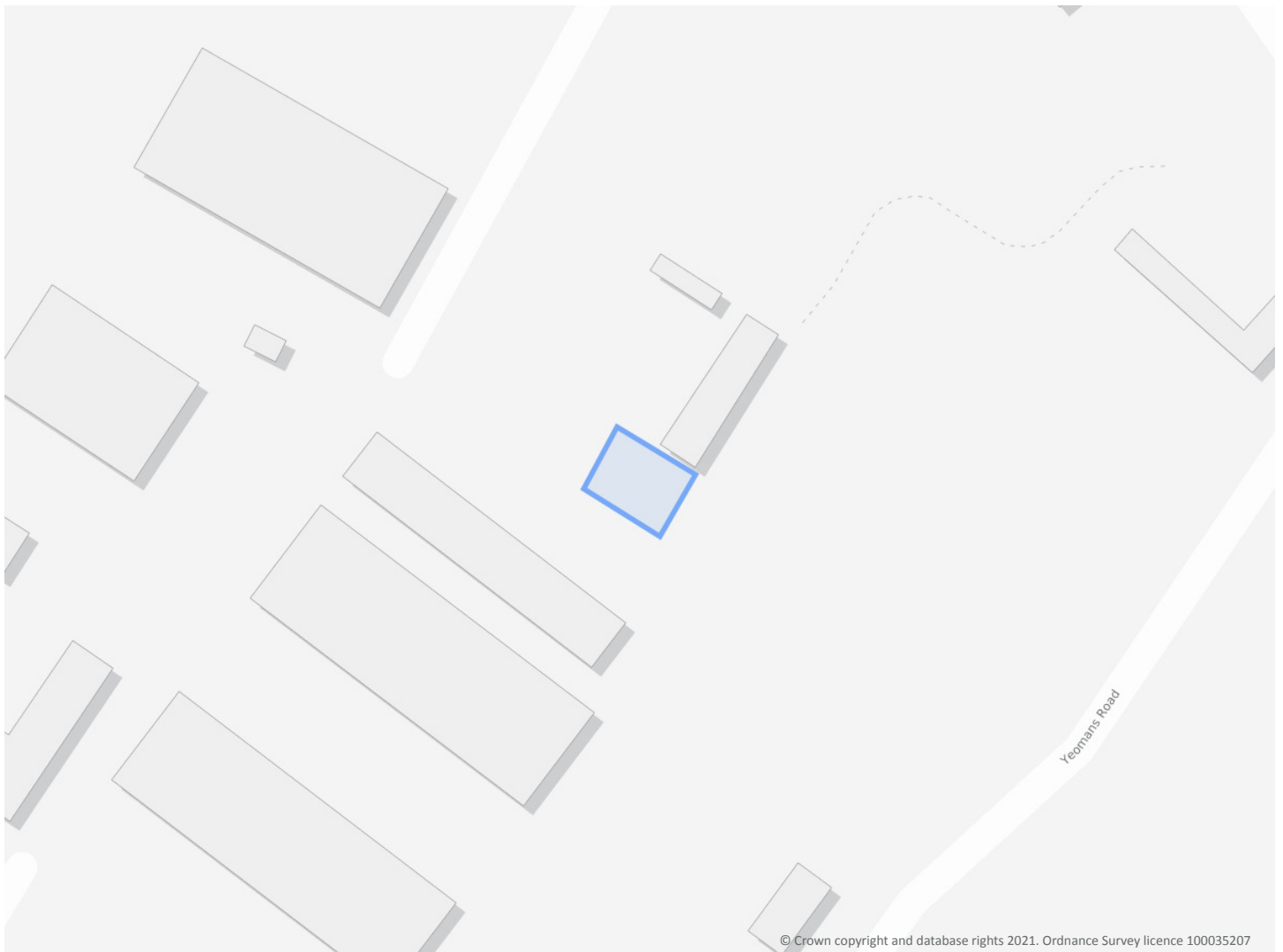
THROOP BUSINESS PARK, THROOP ROAD, BOURNEMOUTH, BH8 0DQ

Order Details

Date: 09/12/2021
Your ref: CW_Bournemouth
Our Ref: GS-8390964
Client: Protreat Limited

Site Details

Location: 411382 095443
Area: 0.03 ha
Authority: [Bournemouth, Christchurch and Poole Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	0	0	6	23	-
16	1.2	<u>Historical tanks</u>	0	0	2	3	-
16	1.3	<u>Historical energy features</u>	0	0	0	2	-
17	1.4	Historical petrol stations	0	0	0	0	-
17	1.5	Historical garages	0	0	0	0	-
17	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
18	2.1	<u>Historical industrial land uses</u>	0	0	7	32	-
20	2.2	<u>Historical tanks</u>	0	0	3	3	-
21	2.3	<u>Historical energy features</u>	0	0	0	5	-
21	2.4	Historical petrol stations	0	0	0	0	-
21	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
22	3.1	<u>Active or recent landfill</u>	0	0	1	0	-
23	3.2	Historical landfill (BGS records)	0	0	0	0	-
23	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
23	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	0	1	-
24	3.5	Historical waste sites	0	0	0	0	-
24	3.6	<u>Licensed waste sites</u>	0	0	1	0	-
24	3.7	<u>Waste exemptions</u>	0	0	82	0	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
33	4.1	<u>Recent industrial land uses</u>	0	0	7	-	-
34	4.2	Current or recent petrol stations	0	0	0	0	-
34	4.3	Electricity cables	0	0	0	0	-
34	4.4	Gas pipelines	0	0	0	0	-
34	4.5	Sites determined as Contaminated Land	0	0	0	0	-



35	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
35	4.7	Regulated explosive sites	0	0	0	0	-
35	4.8	Hazardous substance storage/usage	0	0	0	0	-
35	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
35	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
36	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
36	4.12	Radioactive Substance Authorisations	0	0	0	0	-
36	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
36	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
36	4.15	Pollutant release to public sewer	0	0	0	0	-
37	4.16	List 1 Dangerous Substances	0	0	0	0	-
37	4.17	List 2 Dangerous Substances	0	0	0	0	-
37	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	3	-
38	4.19	Pollution inventory substances	0	0	0	0	-
38	4.20	Pollution inventory waste transfers	0	0	0	0	-
38	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
39	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
41	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
43	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
44	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
44	5.5	<u>Groundwater vulnerability- local information</u>	Identified (within 0m)				
45	5.6	<u>Groundwater abstractions</u>	0	0	0	0	14
49	5.7	<u>Surface water abstractions</u>	0	0	1	5	5
51	5.8	<u>Potable abstractions</u>	0	0	0	0	1
52	5.9	Source Protection Zones	0	0	0	0	-
52	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
53	6.1	<u>Water Network (OS MasterMap)</u>	0	0	3	-	-



54	6.2	<u>Surface water features</u>	0	0	2	-	-
54	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
55	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
55	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
56	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
57	7.2	<u>Historical Flood Events</u>	0	0	4	-	-
57	7.3	Flood Defences	0	0	0	-	-
57	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
58	7.5	Flood Storage Areas	0	0	0	-	-
59	7.6	Flood Zone 2	None (within 50m)				
59	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
60	8.1	<u>Surface water flooding</u>	1 in 100 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
62	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
63	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	1	0
64	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
64	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
64	10.4	Special Protection Areas (SPA)	0	0	0	0	0
64	10.5	National Nature Reserves (NNR)	0	0	0	0	0
65	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	1
65	10.7	Designated Ancient Woodland	0	0	0	0	0
65	10.8	Biosphere Reserves	0	0	0	0	0
65	10.9	Forest Parks	0	0	0	0	0
66	10.10	Marine Conservation Zones	0	0	0	0	0
66	10.11	<u>Green Belt</u>	1	0	0	0	0
66	10.12	Proposed Ramsar sites	0	0	0	0	0



66	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
67	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
67	10.15	Nitrate Sensitive Areas	0	0	0	0	0
67	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
68	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
69	10.18	<u>SSSI Units</u>	0	0	0	1	12
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
75	11.1	World Heritage Sites	0	0	0	-	-
76	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
76	11.3	National Parks	0	0	0	-	-
76	11.4	Listed Buildings	0	0	0	-	-
76	11.5	<u>Conservation Areas</u>	0	0	1	-	-
77	11.6	Scheduled Ancient Monuments	0	0	0	-	-
77	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
78	12.1	<u>Agricultural Land Classification</u>	Grade 4 (within 250m)				
79	12.2	Open Access Land	0	0	0	-	-
79	12.3	Tree Felling Licences	0	0	0	-	-
80	12.4	<u>Environmental Stewardship Schemes</u>	0	0	1	-	-
80	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
81	13.1	<u>Priority Habitat Inventory</u>	0	0	1	-	-
82	13.2	Habitat Networks	0	0	0	-	-
82	13.3	Open Mosaic Habitat	0	0	0	-	-
82	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
83	14.1	<u>10k Availability</u>	Identified (within 500m)				
84	14.2	<u>Artificial and made ground (10k)</u>	0	0	0	1	-
85	14.3	<u>Superficial geology (10k)</u>	1	0	1	4	-



86	14.4	Landslip (10k)	0	0	0	0	-
87	14.5	<u>Bedrock geology (10k)</u>	1	0	0	1	-
88	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
89	15.1	<u>50k Availability</u>	Identified (within 500m)				
90	15.2	Artificial and made ground (50k)	0	0	0	0	-
90	15.3	Artificial ground permeability (50k)	0	0	-	-	-
91	15.4	<u>Superficial geology (50k)</u>	1	0	1	2	-
92	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
92	15.6	Landslip (50k)	0	0	0	0	-
92	15.7	Landslip permeability (50k)	None (within 50m)				
93	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
94	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
94	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
95	16.1	<u>BGS Boreholes</u>	0	0	2	-	-
Page	Section	Natural ground subsidence					
96	17.1	<u>Shrink swell clays</u>	Negligible (within 50m)				
97	17.2	<u>Running sands</u>	Very low (within 50m)				
98	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
99	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
100	17.5	<u>Landslides</u>	Very low (within 50m)				
101	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
103	18.1	Natural cavities	0	0	0	0	-
104	18.2	BritPits	0	0	0	0	-
104	18.3	Surface ground workings	0	0	0	-	-
104	18.4	Underground workings	0	0	0	0	0
104	18.5	<u>Historical Mineral Planning Areas</u>	0	0	0	1	-



105	18.6	Non-coal mining	0	0	0	0	0
105	18.7	Mining cavities	0	0	0	0	0
105	18.8	JPB mining areas	None (within 0m)				
105	18.9	Coal mining	None (within 0m)				
105	18.10	Brine areas	None (within 0m)				
106	18.11	Gypsum areas	None (within 0m)				
106	18.12	Tin mining	None (within 0m)				
106	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
107	19.1	Radon	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
108	20.1	BGS Estimated Background Soil Chemistry	1	1	-	-	-
108	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
108	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
109	21.1	Underground railways (London)	0	0	0	-	-
109	21.2	Underground railways (Non-London)	0	0	0	-	-
109	21.3	Railway tunnels	0	0	0	-	-
109	21.4	Historical railway and tunnel features	0	0	0	-	-
109	21.5	Royal Mail tunnels	0	0	0	-	-
110	21.6	Historical railways	0	0	0	-	-
110	21.7	Railways	0	0	0	-	-
110	21.8	Crossrail 1	0	0	0	0	-
110	21.9	Crossrail 2	0	0	0	0	-
110	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 01/06/2020

Site Area: 0.03ha



Recent site history - 2017 aerial photograph



Capture Date: 19/06/2017

Site Area: 0.03ha



Recent site history - 2009 aerial photograph



Capture Date: 19/08/2009

Site Area: 0.03ha



Recent site history - 2005 aerial photograph



Capture Date: 23/06/2005

Site Area: 0.03ha



Recent site history - 2000 aerial photograph



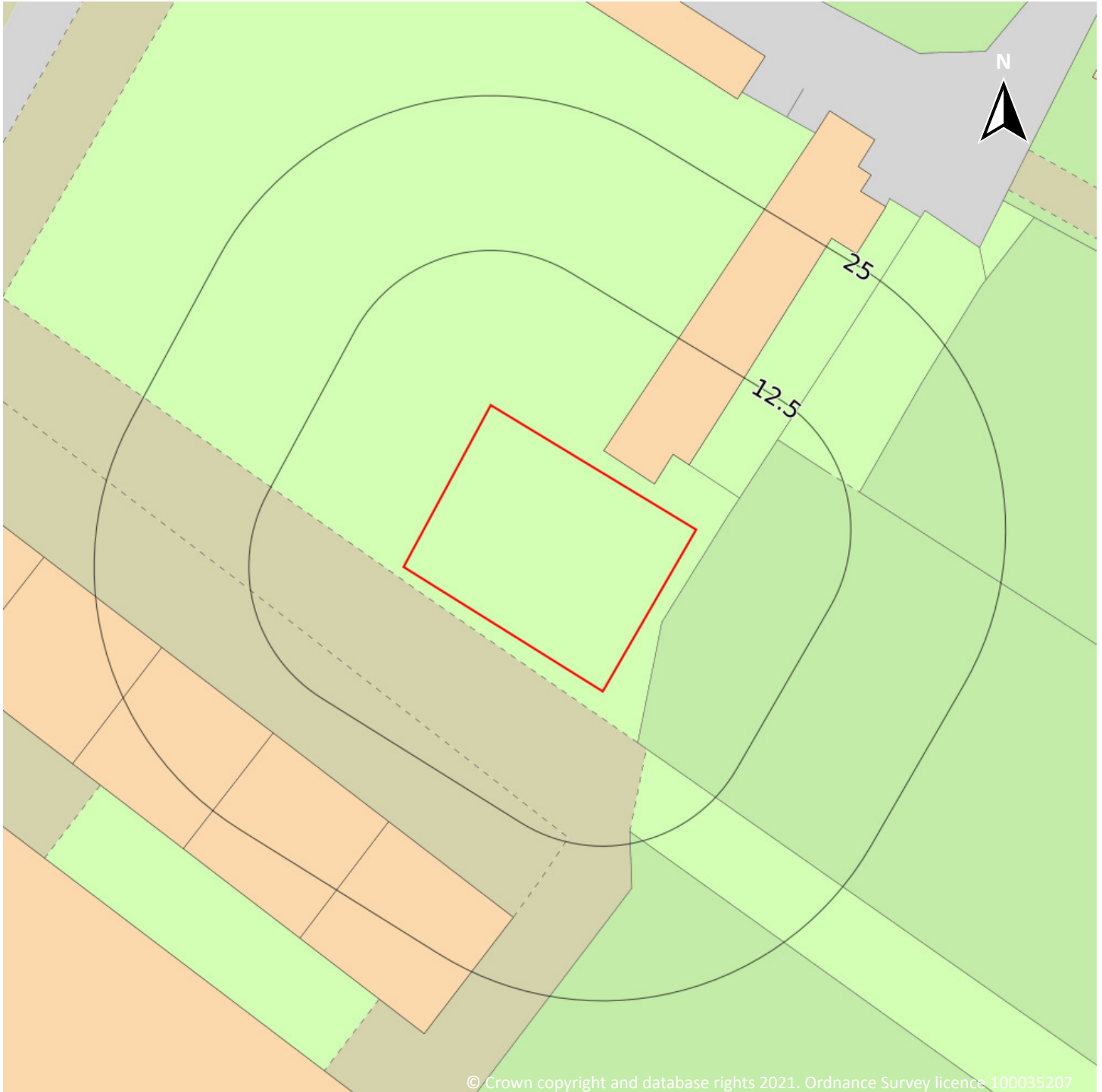
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2021. All Rights Reserved.

Capture Date: 01/05/2000

Site Area: 0.03ha



OS MasterMap site plan

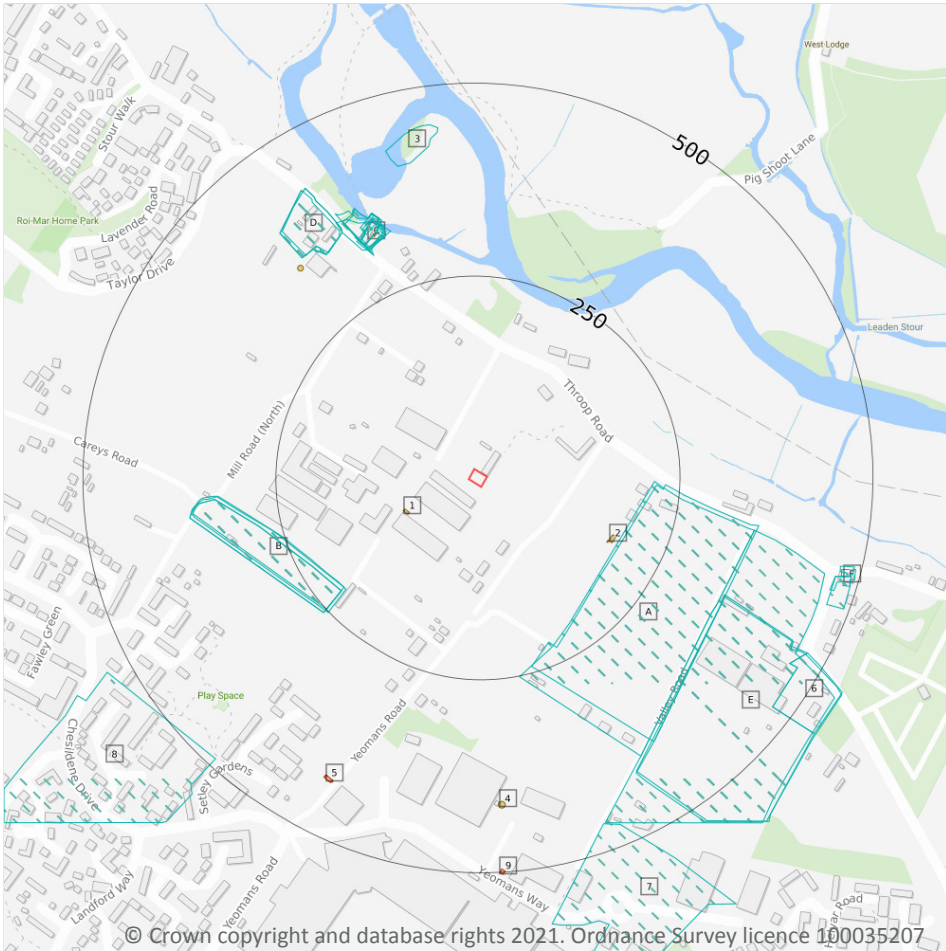


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Site Area: 0.03ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features

1.1 Historical industrial land uses

Records within 500m **29**

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	189m SE	Nurseries	1963	1982538



ID	Location	Land use	Dates present	Group ID
A	192m SE	Nurseries	1971	1975570
B	214m SW	Nursery	1938	1976651
B	214m SW	Nursery	1932	1979923
B	220m SW	Nursery	1938	1978882
B	220m SW	Nursery	1931	1984119
C	306m NW	Unspecified Mill	1963	1981559
C	313m NW	Unspecified Mill	1971	1978296
C	315m NW	Unspecified Mill	1896 - 1899	1978089
C	316m NW	Unspecified Mill	1932 - 1938	1979430
C	317m NW	Unspecified Mill	1983	1974681
C	319m NW	Unspecified Mill	1907	1981849
C	323m NW	Corn Mill	1870 - 1887	1981764
C	323m NW	Unspecified Mill	1923	1983962
C	334m NW	Unspecified Mill	1900	1978177
D	338m NW	Unspecified Mill	1938	1983341
D	338m NW	Unspecified Mill	1923 - 1931	1984408
D	338m NW	Unspecified Commercial/Industrial	1870	1972193
E	340m SE	Nurseries	1963	1979274
E	343m SE	Nurseries	1983	1983883
E	345m SE	Nurseries	1971	1977129
D	346m NW	Unspecified Tank	1896	1970524
3	405m N	Refuse Heap	1963 - 1971	1976450
6	461m SE	Nurseries	1983	1981179
7	464m S	Industrial Park	1989	1972125
F	468m E	Smithy	1899 - 1907	1981217
F	470m E	Smithy	1896	1981439
F	472m E	Smithy	1870	1977558
8	489m SW	Nursery	1963 - 1971	1974671

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

5

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
1	88m SW	Unspecified Tank	1987 - 1993	330519
2	177m SE	Tanks	1953	329436
C	328m NW	Unspecified Tank	1972	328683
D	340m NW	Unspecified Tank	1902	328684
4	408m S	Unspecified Tank	1993	328682

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

2

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
5	424m SW	Electricity Substation	1971 - 1993	216850
9	496m S	Electricity Substation	1986	212772

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

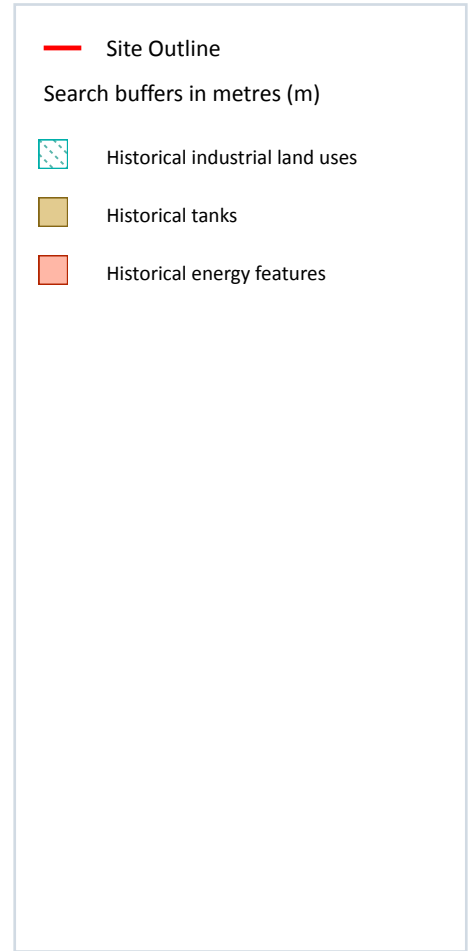
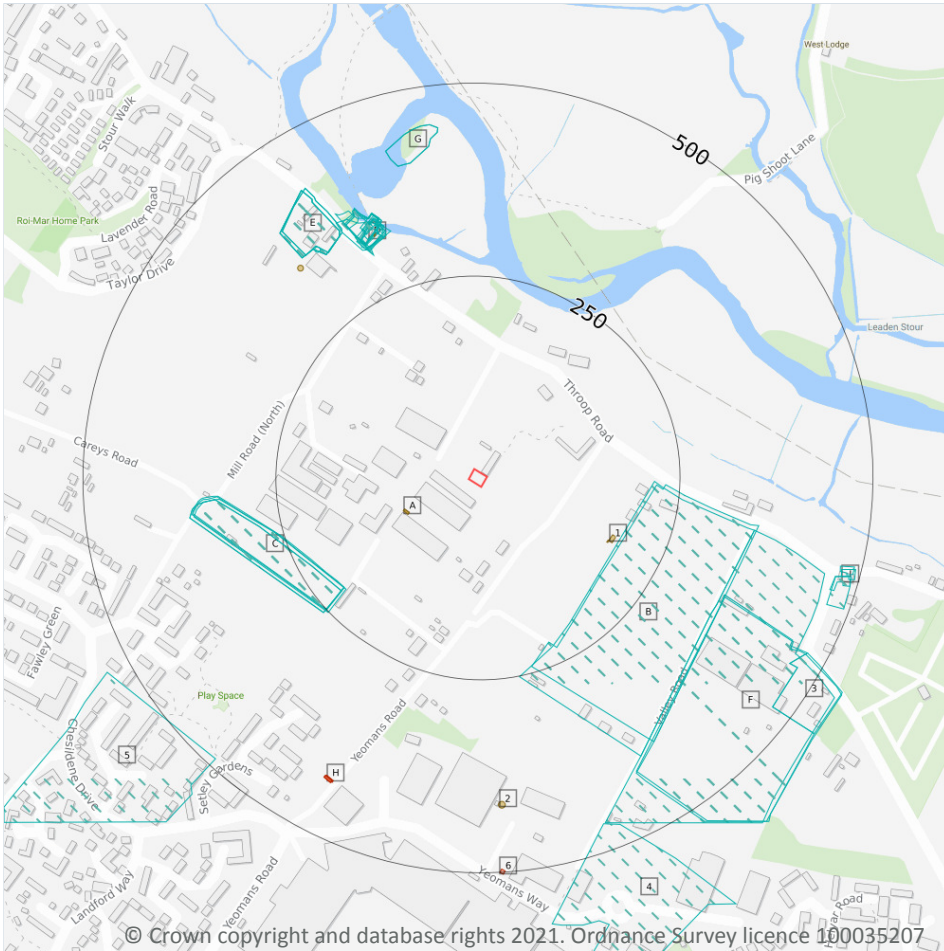
Records within 500m

0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m **39**

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18**

ID	Location	Land Use	Date	Group ID
B	189m SE	Nurseries	1963	1982538
B	192m SE	Nurseries	1971	1975570
C	214m SW	Nursery	1938	1976651

ID	Location	Land Use	Date	Group ID
C	214m SW	Nursery	1938	1976651
C	214m SW	Nursery	1932	1979923
C	220m SW	Nursery	1938	1978882
C	220m SW	Nursery	1931	1984119
D	306m NW	Unspecified Mill	1963	1981559
D	313m NW	Unspecified Mill	1971	1978296
D	315m NW	Unspecified Mill	1896	1978089
D	316m NW	Unspecified Mill	1938	1979430
D	317m NW	Unspecified Mill	1983	1974681
D	317m NW	Unspecified Mill	1899	1978089
D	319m NW	Unspecified Mill	1907	1981849
D	322m NW	Unspecified Mill	1932	1979430
D	323m NW	Corn Mill	1887	1981764
D	323m NW	Unspecified Mill	1938	1979430
D	323m NW	Unspecified Mill	1923	1983962
D	325m NW	Unspecified Mill	1923	1983962
D	328m NW	Corn Mill	1870	1981764
D	334m NW	Unspecified Mill	1900	1978177
E	338m NW	Unspecified Mill	1938	1983341
E	338m NW	Unspecified Mill	1923	1984408
E	338m NW	Unspecified Mill	1931	1984408
E	338m NW	Unspecified Mill	1923	1984408
E	338m NW	Unspecified Commercial/Industrial	1870	1972193
F	340m SE	Nurseries	1963	1979274
F	343m SE	Nurseries	1983	1983883
F	345m SE	Nurseries	1971	1977129
E	346m NW	Unspecified Tank	1896	1970524
G	405m N	Refuse Heap	1963	1976450



ID	Location	Land Use	Date	Group ID
G	405m N	Refuse Heap	1971	1976450
3	461m SE	Nurseries	1983	1981179
4	464m S	Industrial Park	1989	1972125
I	468m E	Smithy	1899	1981217
I	470m E	Smithy	1896	1981439
I	472m E	Smithy	1870	1977558
I	475m E	Smithy	1907	1981217
5	489m SW	Nursery	1971	1974671

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

6

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18**

ID	Location	Land Use	Date	Group ID
A	88m SW	Unspecified Tank	1993	330519
A	89m SW	Unspecified Tank	1987	330519
1	177m SE	Tanks	1953	329436
D	328m NW	Unspecified Tank	1972	328683
E	340m NW	Unspecified Tank	1902	328684
2	408m S	Unspecified Tank	1993	328682

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m**5**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18**

ID	Location	Land Use	Date	Group ID
H	424m SW	Electricity Substation	1981	216850
H	424m SW	Electricity Substation	1987	216850
H	425m SW	Electricity Substation	1971	216850
H	425m SW	Electricity Substation	1993	216850
6	496m S	Electricity Substation	1986	212772

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m**0**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

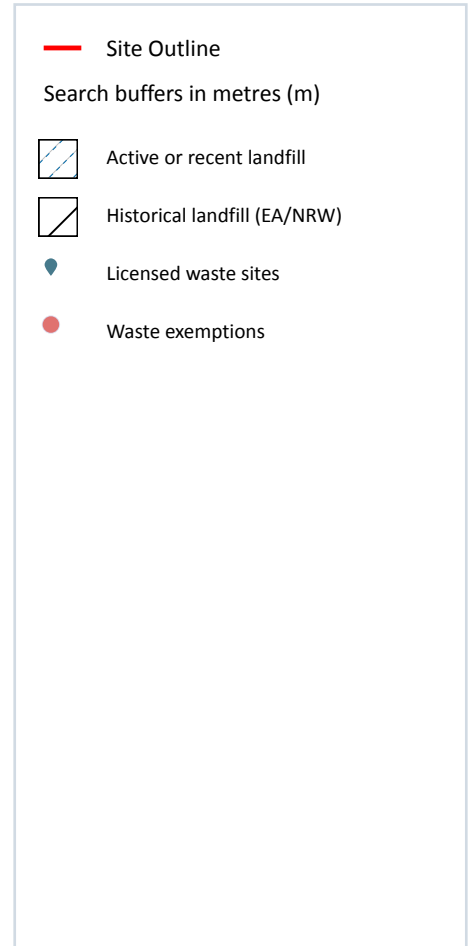
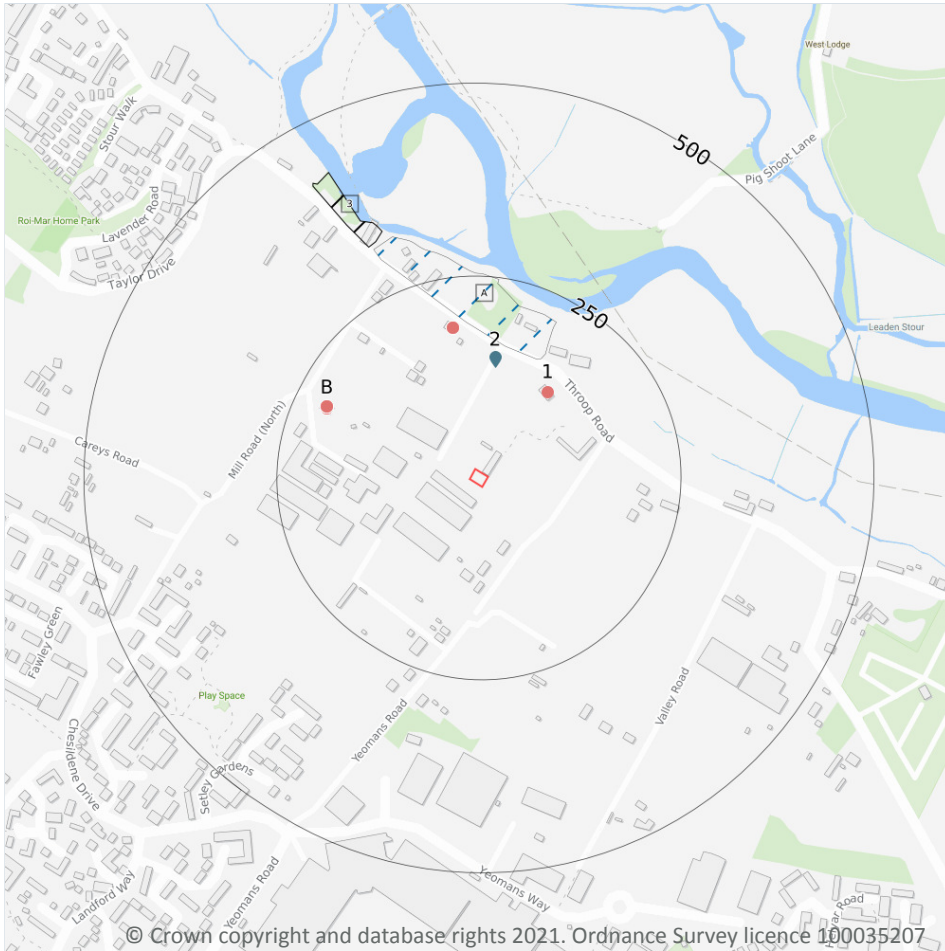
Records within 500m**0**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 22**

ID	Location	Details
A	161m N	Operator: M Gardner Site Address: Throop Road, Throop, Bournemouth, Dorset, BH8 0DH WML Number: 23504 EPR Reference: GAR028 Landfill type: A05: Landfill taking Non-Biodegradable Wastes Status: Closure IPPC Reference: - EPR Number: EA/EPR/NP3297HM/A001

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

1

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 22**

ID	Location	Details		
3	318m NW	Site Address: Throop Mill Car Park, Throop, Bournemouth Licence Holder Address: -	Waste Licence: - Site Reference: GDO B23 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m

0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m

1

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 22**

ID	Location	Details		
2	143m N	Site Name: Throop House Closed Site Address: Throop Road, Throop, Bournemouth, Dorset, BH8 0DH Correspondence Address: -	Type of Site: Landfill taking Non- Biodegradeable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GAR028 EPR reference: EA/EPR/NP3297HM/A001 Operator: M Gardner Waste Management licence No: 23504 Annual Tonnage: 75000	Issue Date: 12/09/1991 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

82

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 22**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	134m NE	WASTE BARN, THROOP LANE, THROOP, BOURNEMOUTH, BH80DL	WEX027196	Storing waste exemption	On a farm	Storage of waste in secure containers
A	185m N	blue roof farm, throop road, bournemouth, bh8 0dq	WEX147072	Storing waste exemption	On a Farm	Storage of waste in secure containers



ID	Location	Site	Reference	Category	Sub-Category	Description
A	185m N	VWP Waste Processing Limited, Throop Business Park, Throop Road, Bournemouth, BH8 0DQ	WEX272809	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	185m N	VWP Waste Processing Limited, Throop Business Park, Throop Road, Bournemouth, BH8 0DQ	WEX272809	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
A	185m N	VWP Waste Processing Limited, Throop Business Park, Throop Road, Bournemouth, BH8 0DQ	WEX272809	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	185m N	VWP Waste Processing Limited, Throop Business Park, Throop Road, Bournemouth, BH8 0DQ	WEX272809	Treating waste exemption	Not on a farm	Treatment of waste food
A	185m N	VWP Waste Processing Limited, Throop Business Park, Throop Road, Bournemouth, BH8 0DQ	WEX272809	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	185m N	VWP Waste Processing Limited, Throop Business Park, Throop Road, Bournemouth, BH8 0DQ	WEX272809	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	185m N	VWP Waste Processing Limited, Blue Roof Farm Industrial Estate, Throop Road, Bournemouth, BH8 0DQ	WEX131210	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	185m N	VWP Waste Processing Limited, Blue Roof Farm Industrial Estate, Throop Road, Bournemouth, BH8 0DQ	WEX131210	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	185m N	VWP Waste Processing Limited, Blue Roof Farm Industrial Estate, Throop Road, Bournemouth, BH8 0DQ	WEX131210	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
A	185m N	VWP Waste Processing Limited, Blue Roof Farm Industrial Estate, Throop Road, Bournemouth, BH8 0DQ	WEX131210	Treating waste exemption	Not on a farm	Treatment of waste food



ID	Location	Site	Reference	Category	Sub-Category	Description
A	185m N	VWP Waste Processing Limited, Blue Roof Farm Industrial Estate, Throop Road, Bournemouth, BH8 0DQ	WEX131210	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Storing waste exemption	On a Farm	Storage of waste in a secure place
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Storing waste exemption	On a Farm	Storage of waste in secure containers
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Disposing of waste exemption	On a Farm	Burning waste in the open
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Anaerobic digestion at premises used for agriculture and burning of resultant biogas
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Aerobic composting and associated prior treatment
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Treatment of waste food
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Manual treatment of waste
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Sorting mixed waste
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Recovery of scrap metal



ID	Location	Site	Reference	Category	Sub-Category	Description
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Screening and blending of waste
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Preparatory treatments (baling, sorting, shredding etc)
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Treating waste exemption	On a Farm	Cleaning, washing, spraying or coating relevant waste
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Pig and poultry ash
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Incorporation of ash into soil
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Use of mulch
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Spreading waste on non- agricultural land to confer benefit
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Use of waste to manufacture finished goods
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Use of waste for a specified purpose
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Burning of waste as a fuel in a small appliance
B	207m NW	BLUE ROOF BUNGALOW, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX199863	Using waste exemption	On a Farm	Use of waste in construction
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Disposing of waste exemption	On a farm	Burning waste in the open
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Storing waste exemption	On a farm	Storage of waste in secure containers
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Storing waste exemption	On a farm	Storage of waste in a secure place
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Sorting mixed waste
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Manual treatment of waste
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Treatment of waste food
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Anaerobic digestion at premises used for agriculture and burning of resultant biogas
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Screening and blending of waste
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Treating waste exemption	On a farm	Recovery of scrap metal
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Use of waste in construction
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Use of mulch
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Incorporation of ash into soil
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Pig and poultry ash
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Use of waste for a specified purpose
B	208m NW	Blue Roof Farm, Mill Road, Bournemouth, BH8 0DW	WEX047752	Using waste exemption	On a farm	Use of waste to manufacture finished goods
B	208m NW	BLUE ROOF FARM, MILL ROAD, BOURNEMOUTH, BH8 0DW	WEX033275	Using waste exemption	On a farm	Use of waste in construction
B	208m NW	Blue Roof Farm Throop Road BOURNEMOUTH BH8 0DL	EPR/JE5854FM /A001	Treating waste exemption	Non-Agricultural Waste Only	Physical treatment of waste edible oil and fat to produce biodiesel



ID	Location	Site	Reference	Category	Sub-Category	Description
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in secure containers
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Cleaning, washing, spraying or coating relevant waste
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Sorting mixed waste
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste food
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Aerobic composting and associated prior treatment
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Anaerobic digestion at premises used for agriculture and burning of resultant biogas
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Screening and blending of waste
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Recovery of scrap metal
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on non- agricultural land to confer benefit
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of mulch
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading of plant matter to confer benefit
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Incorporation of ash into soil

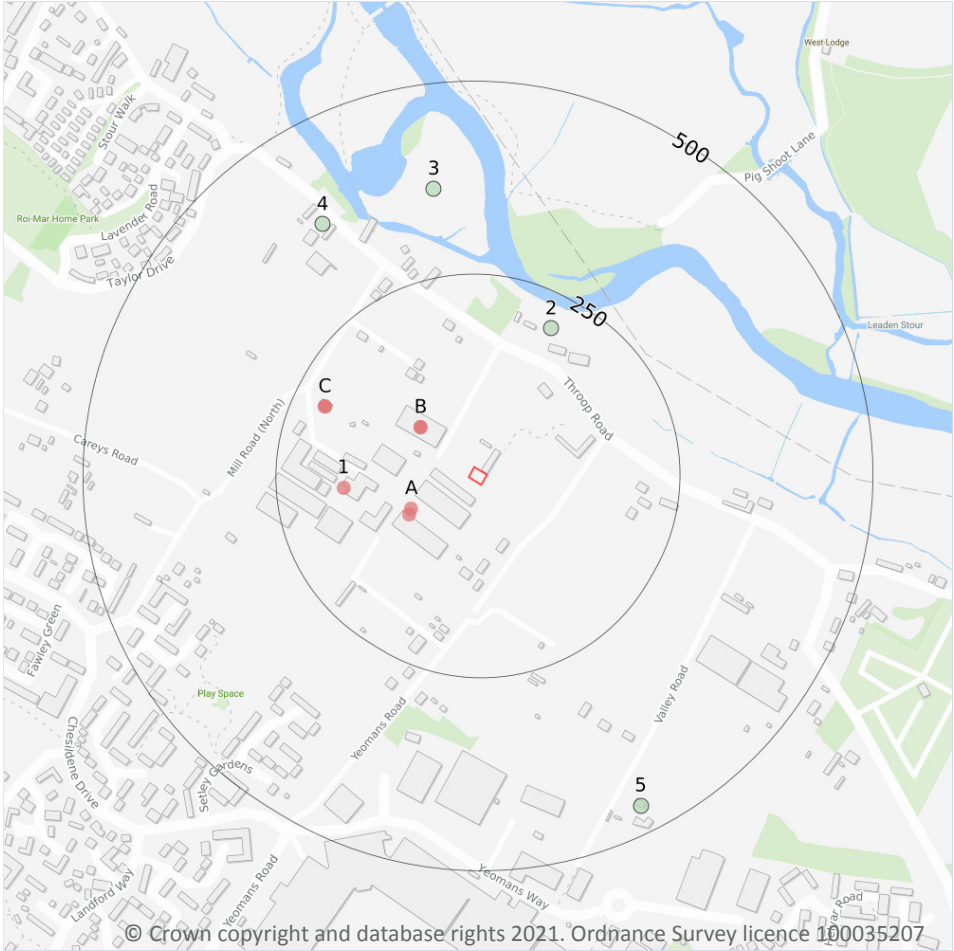


ID	Location	Site	Reference	Category	Sub-Category	Description
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Burning of waste as a fuel in a small appliance
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
B	209m NW	Blue Roof Farm Mill Road Bournemouth Dorset BH8 ODW	EPR/GF0237XK /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste to manufacture finished goods

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m **7**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 33**

ID	Location	Company	Address	Activity	Category
A	85m SW	Tank	Dorset, BH8	Tanks (Generic)	Industrial Features
B	87m NW	South Coast Travel	Throop Business Park, Throop Road, Bournemouth, Dorset, BH8 0DQ	Vehicle Hire and Rental	Hire Services
B	87m NW	Amtec Ltd	Blue Roof Farm, Throop Road, Bournemouth, Dorset, BH8 0DQ	Metalworkers Including Blacksmiths	Construction Services

ID	Location	Company	Address	Activity	Category
A	91m SW	Hopper	Dorset, BH8	Hoppers and Silos	Farming
1	163m W	Hopper	Dorset, BH8	Hoppers and Silos	Farming
C	208m NW	J & A Drinks	The Maltings Blue Roof Farm, Throop Road, Bournemouth, Dorset, BH8 0DL	Catering and Non Specific Food Products	Foodstuffs
C	208m NW	P M C Paintworks Ltd	Blue Roof Farm, Throop Road, Bournemouth, Dorset, BH8 0DL	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
----------------------------	----------

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.



4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m 0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m 0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m 0

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	4
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Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 33**

ID	Location	Details	
2	205m NE	Incident Date: 01/08/2002 Incident Identification: 97592 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
3	364m N	Incident Date: 27/03/2003 Incident Identification: 146639 Pollutant: Sewage Materials Pollutant Description: Sludge	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	370m NW	Incident Date: 04/10/2002 Incident Identification: 112489 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
5	463m SE	Incident Date: 25/05/2001 Incident Identification: 6736 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

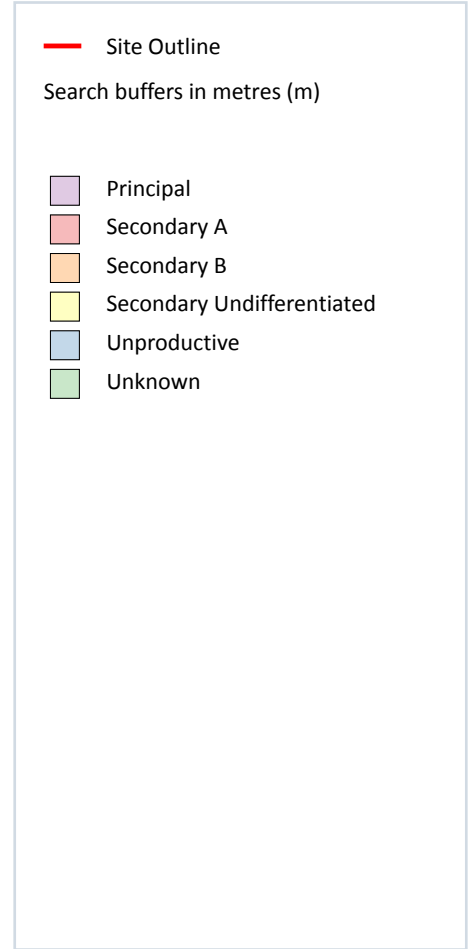
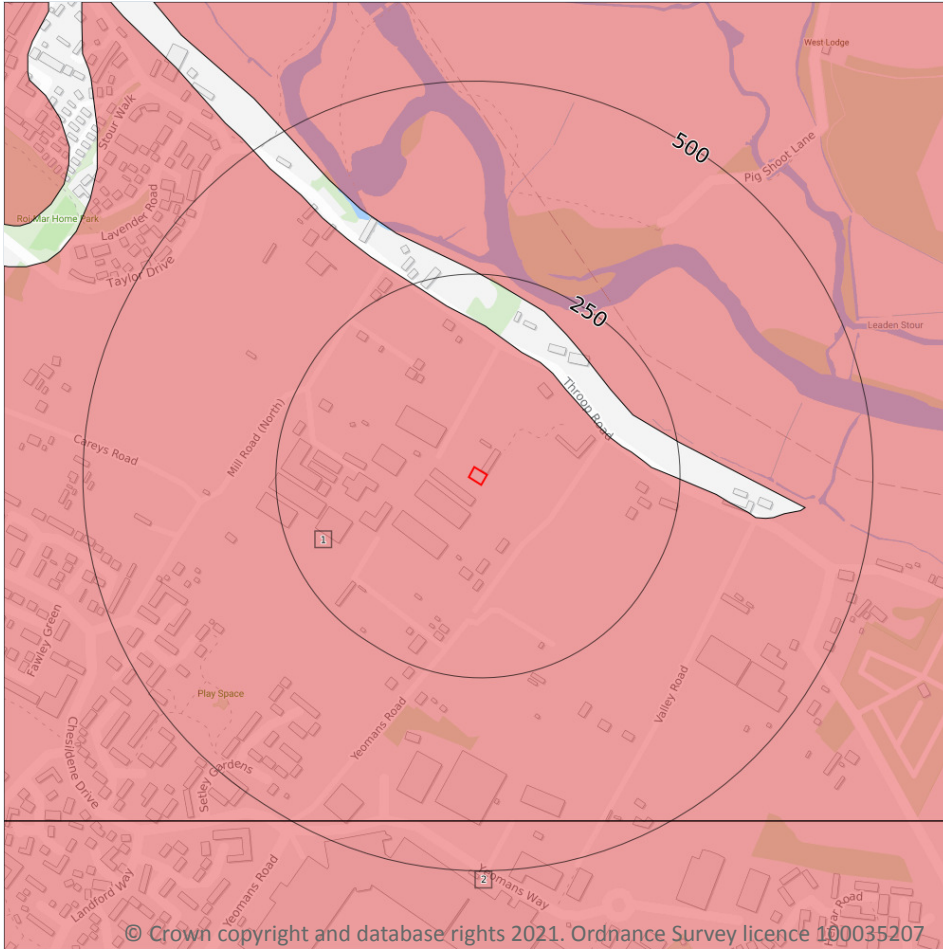
Records within 500m

0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

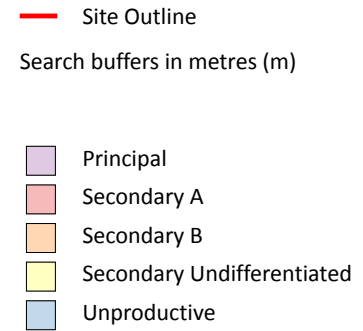
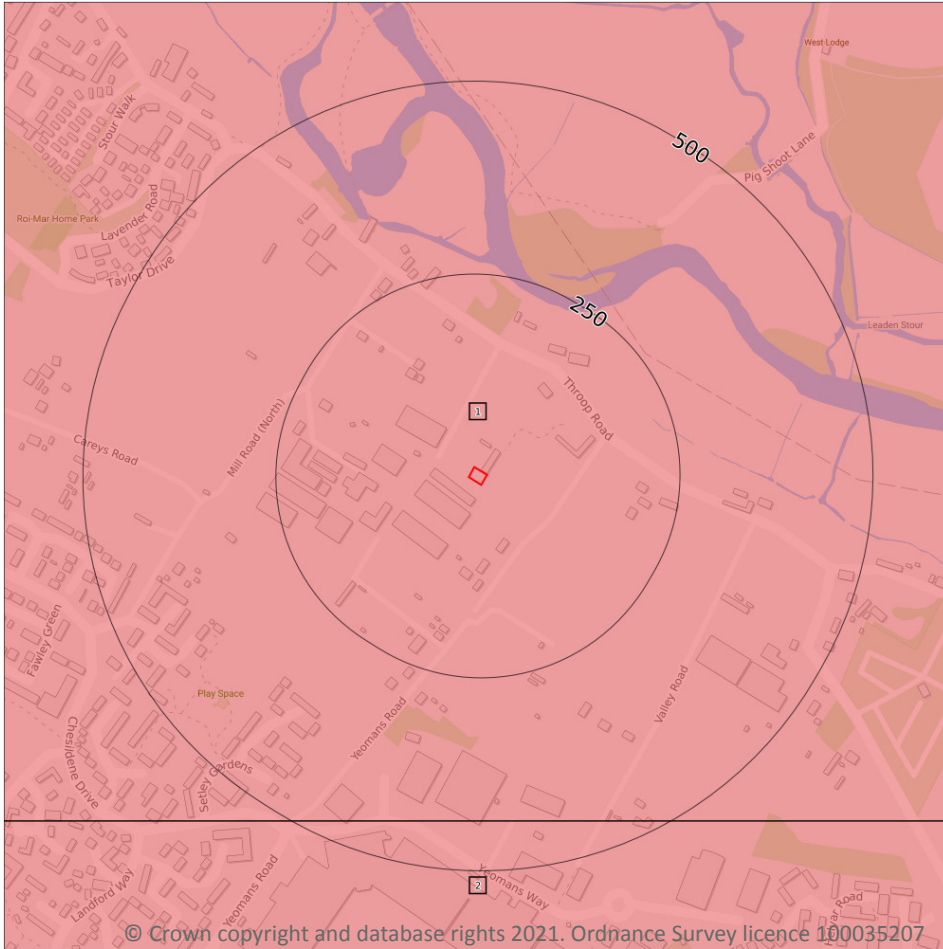
Features are displayed on the Hydrogeology map on **page 39**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	435m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

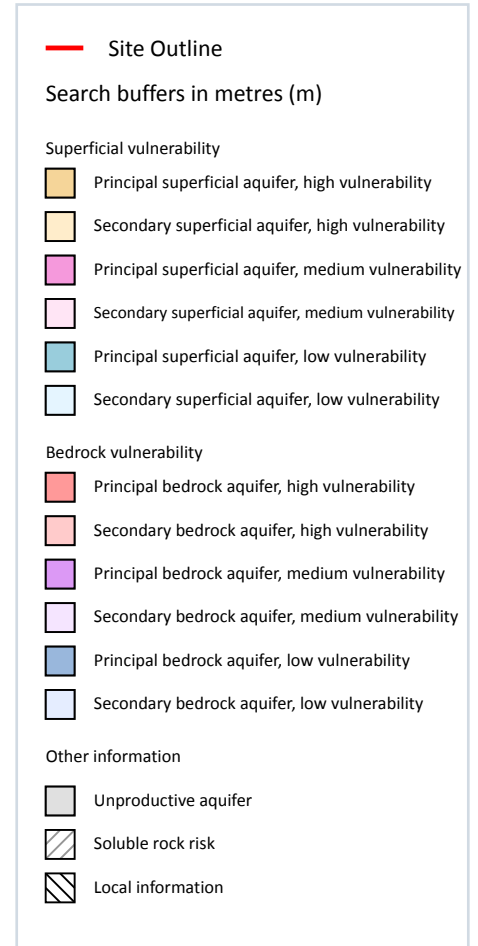
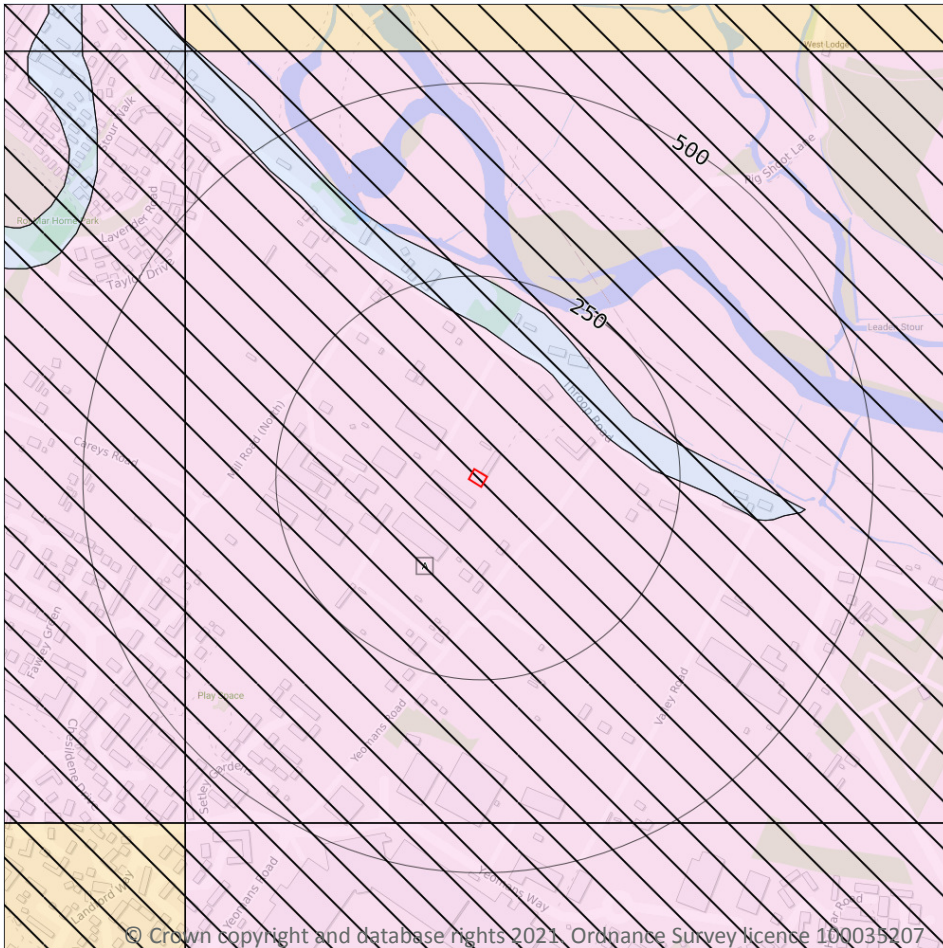
Features are displayed on the Bedrock aquifer map on **page 41**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	435m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 43**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
A	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Intergranular

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site

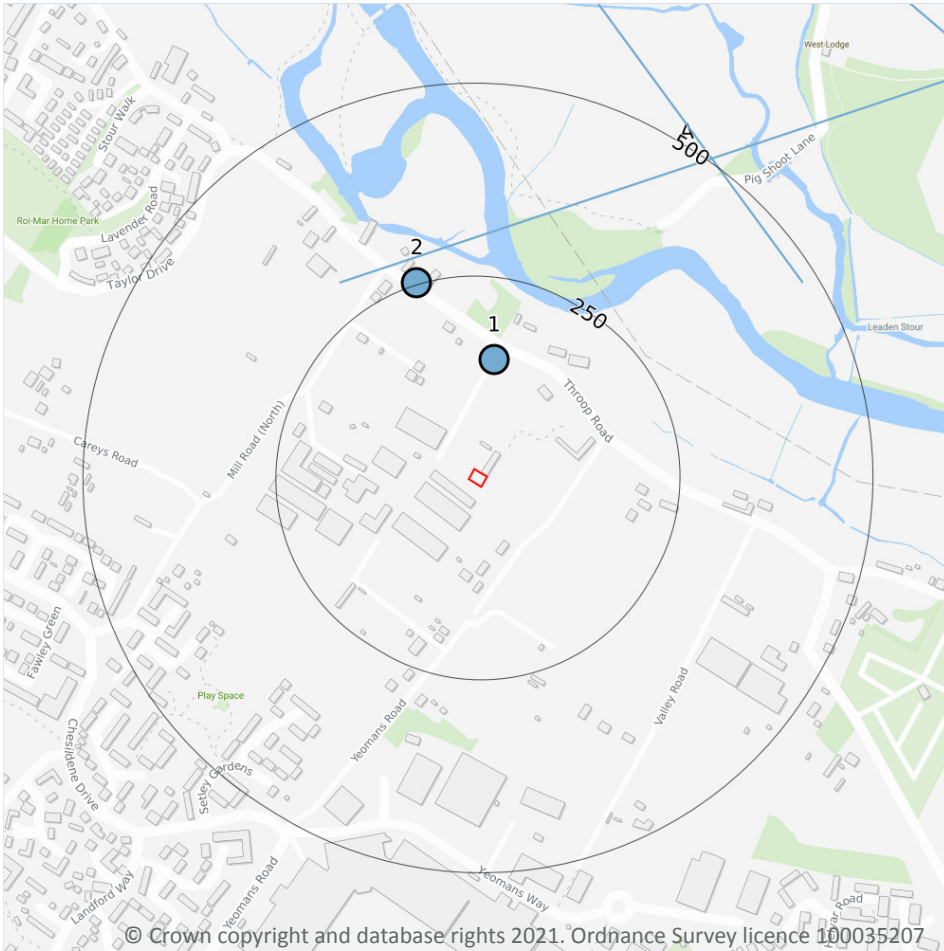
1

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

ID	Summary	Additional information
A	Increased vulnerability of superficial river deposits	Exposed areas of river terrace deposits

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

14

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 45**

ID	Location	Details	
-	1268m NW	Status: Historical Licence No: 13/43/037/G/132 Details: General Use Relating To Secondary Category (Low Loss) Direct Source: Ground Water - Fresh Point: BOREHOLE AT BERRY HILL TREATMENT WORKS Data Type: Point Name: Wessex Water Services Ltd Easting: 410650 Northing: 96500	Annual Volume (m ³): 78840 Max Daily Volume (m ³): 432 Original Application No: - Original Start Date: 29/08/2007 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 25/02/2015 Version End Date: -
-	1269m NW	Status: Active Licence No: 13/43/037/G/132/R01 Details: General Use Relating To Secondary Category (Low Loss) Direct Source: Ground Water - Fresh Point: BOREHOLE AT BERRY HILL TREATMENT WORKS Data Type: Point Name: Wessex Water Services Ltd Easting: 410655 Northing: 96504	Annual Volume (m ³): 78,840 Max Daily Volume (m ³): 432 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1325m NW	Status: Historical Licence No: 13/43/037/G/111 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - Fresh Point: BERRY HILL WELL Data Type: Point Name: Wessex Water Services Ltd Easting: 410700 Northing: 96600	Annual Volume (m ³): 7300 Max Daily Volume (m ³): 20 Original Application No: - Original Start Date: 16/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1989 Version End Date: -
-	1482m N	Status: Active Licence No: SW/043/0037/007 Details: Dewatering Direct Source: Ground Water - Fresh Point: HURN COURT FARM QUARRY - EXCAVATION AREA Data Type: Poly4 Name: HH & DE Drew Ltd Easting: 411258 Northing: 97357	Annual Volume (m ³): 363,658 Max Daily Volume (m ³): 994 Original Application No: - Original Start Date: 16/12/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 16/12/2020 Version End Date: -



ID	Location	Details	
-	1807m N	Status: Historical Licence No: 13/43/036/G/132 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411908 Northing: 97185	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 34.32 Original Application No: - Original Start Date: 15/12/2006 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 02/03/2015 Version End Date: -
-	1807m N	Status: Historical Licence No: 13/43/036/G/132/R01 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411908 Northing: 97185	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 34.32 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 26/09/2019 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1807m N	Status: Active Licence No: SW/043/0036/006 Details: Process Water Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411908 Northing: 97185	Annual Volume (m ³): 8,000 Max Daily Volume (m ³): 35 Original Application No: - Original Start Date: 19/10/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 19/10/2020 Version End Date: -
-	1807m N	Status: Active Licence No: SW/043/0036/006 Details: Mineral Washing Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411908 Northing: 97185	Annual Volume (m ³): 8,000 Max Daily Volume (m ³): 35 Original Application No: - Original Start Date: 19/10/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 19/10/2020 Version End Date: -
-	1807m N	Status: Active Licence No: SW/043/0036/006 Details: Dust Suppression Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411908 Northing: 97185	Annual Volume (m ³): 8,000 Max Daily Volume (m ³): 35 Original Application No: - Original Start Date: 19/10/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 19/10/2020 Version End Date: -



ID	Location	Details	
-	1807m N	Status: Active Licence No: SW/043/0036/006 Details: General Washing/Process Washing Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411908 Northing: 97185	Annual Volume (m ³): 8,000 Max Daily Volume (m ³): 35 Original Application No: - Original Start Date: 19/10/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 19/10/2020 Version End Date: -
-	1812m N	Status: Historical Licence No: 13/43/036/G/132 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411910 Northing: 97190	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 34.32 Original Application No: - Original Start Date: 15/12/2006 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	1812m N	Status: Historical Licence No: 13/43/036/G/132 Details: General Washing/Process Washing Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411910 Northing: 97190	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 34.32 Original Application No: - Original Start Date: 15/12/2006 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	1812m N	Status: Historical Licence No: 13/43/036/G/132 Details: Make-Up Or Top Up Water Direct Source: Ground Water - Fresh Point: HURN COURT FARM BOREHOLE Data Type: Point Name: HH & DE Drew Ltd Easting: 411910 Northing: 97190	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 34.32 Original Application No: - Original Start Date: 15/12/2006 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
-	1862m SE	Status: Historical Licence No: 13/43/037/G/130 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - Fresh Point: ROYAL BOURNEMOUTH HOSPITAL BOREHOLE #1 Data Type: Point Name: Royal Bournemouth & Christchurch Hospitals NHS Trust Easting: 412640 Northing: 94060	Annual Volume (m ³): 200000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 23/10/2001 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 23/10/2001 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	11
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Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 45**

ID	Location	Details	
1	143m N	Status: Historical Licence No: 13/43/037/S/122 Details: General Farming & Domestic Direct Source: Surface Water - Fresh Point: R STOUR AT THROOP POINT B Data Type: Point Name: Gardner Easting: 411400 Northing: 95600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 23/04/1991 Version End Date: -
2	252m N	Status: Historical Licence No: 13/43/037/S/122 Details: General Farming & Domestic Direct Source: Surface Water - Fresh Point: R STOUR AT THROOP POINT A Data Type: Point Name: Gardner Easting: 411300 Northing: 95700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 23/04/1991 Version End Date: -



ID	Location	Details	
A	284m N	Status: Historical Licence No: 13/43/037/S/030 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: "MERRITOWN FARM, LEADEN STOUR REACH #2" Data Type: Line Name: Messrs L A Lucas Easting: 411200 Northing: 95700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1977 Version End Date: -
A	284m N	Status: Active Licence No: 13/43/037/S/030 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: MERRITOWN FARM, LEADEN STOUR REACH #2 Data Type: Line Name: Messrs L A Lucas Easting: 411200 Northing: 95700	Annual Volume (m ³): 85,012 Max Daily Volume (m ³): 909 Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1977 Version End Date: -
B	478m NE	Status: Historical Licence No: 13/43/037/S/030 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: "MERRITOWN FARM, MERRITOWN DITCH REACH #3" Data Type: Line Name: Messrs L A Lucas Easting: 410700 Northing: 97200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1977 Version End Date: -
B	478m NE	Status: Active Licence No: 13/43/037/S/030 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: MERRITOWN FARM, MERRITOWN DITCH REACH #3 Data Type: Line Name: Messrs L A Lucas Easting: 410700 Northing: 97200	Annual Volume (m ³): 85,012 Max Daily Volume (m ³): 909 Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1977 Version End Date: -
C	822m NE	Status: Historical Licence No: 13/43/037/S/030 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: "MERRITOWN FARM, RIVER STOUR REACH #1" Data Type: Line Name: Messrs L A Lucas Easting: 410600 Northing: 97200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1977 Version End Date: -



ID	Location	Details	
C	822m NE	Status: Active Licence No: 13/43/037/S/030 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: MERRITOWN FARM, RIVER STOUR REACH #1 Data Type: Line Name: Messrs L A Lucas Easting: 410600 Northing: 97200	Annual Volume (m ³): 85,012 Max Daily Volume (m ³): 909 Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1977 Version End Date: -
-	1801m NW	Status: Active Licence No: 13/43/037/S/003 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: RIVER STOUR AT PARLEY GREEN Data Type: Line Name: Dampneys Ltd Easting: 409140 Northing: 96040	Annual Volume (m ³): 72,737 Max Daily Volume (m ³): 818.29 Original Application No: - Original Start Date: 01/06/1967 Expiry Date: - Issue No: 101 Version Start Date: 29/09/2004 Version End Date: -
-	1819m NW	Status: Historical Licence No: 13/43/037/S/003 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: RIVER STOUR AT PARLEY GREEN Data Type: Point Name: Dampneys Ltd Easting: 410590 Northing: 97100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/06/1967 Expiry Date: - Issue No: 101 Version Start Date: 29/09/2004 Version End Date: -
-	1826m NW	Status: Historical Licence No: 13/43/037/S/003 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: RIVER STOUR AT PARLEY GREEN REACH #1 Data Type: Line Name: Dampneys Ltd Easting: 409200 Northing: 96000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/06/1967 Expiry Date: - Issue No: 101 Version Start Date: 29/09/2004 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m

1

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 45**



ID	Location	Details	
-	1862m SE	Status: Historical Licence No: 13/43/037/G/130 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - Fresh Point: ROYAL BOURNEMOUTH HOSPITAL BOREHOLE #1 Data Type: Point Name: Royal Bournemouth & Christchurch Hospitals NHS Trust Easting: 412640 Northing: 94060	Annual Volume (m ³): 200000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 23/10/2001 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 23/10/2001 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m

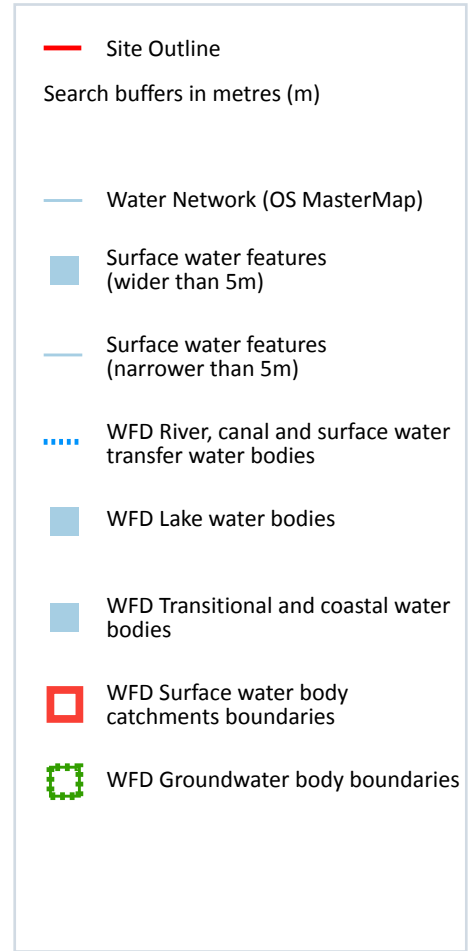
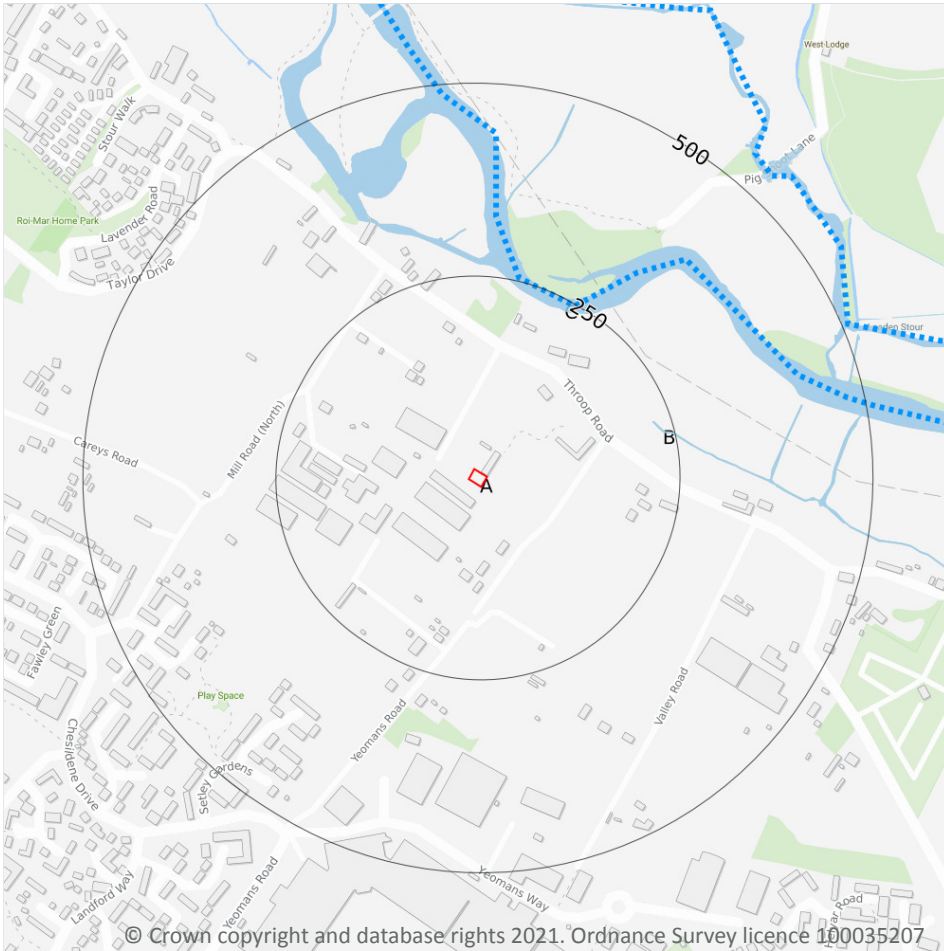
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

3

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 53**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	226m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
C	240m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Stour
B	245m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	2
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Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 53**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 53**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Stour (Lower)	GB108043011040	Stour Dorset	Dorset

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 53**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	247m NE	River	Stour (Lower)	GB108043011040	Moderate	Fail	Moderate	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site

1

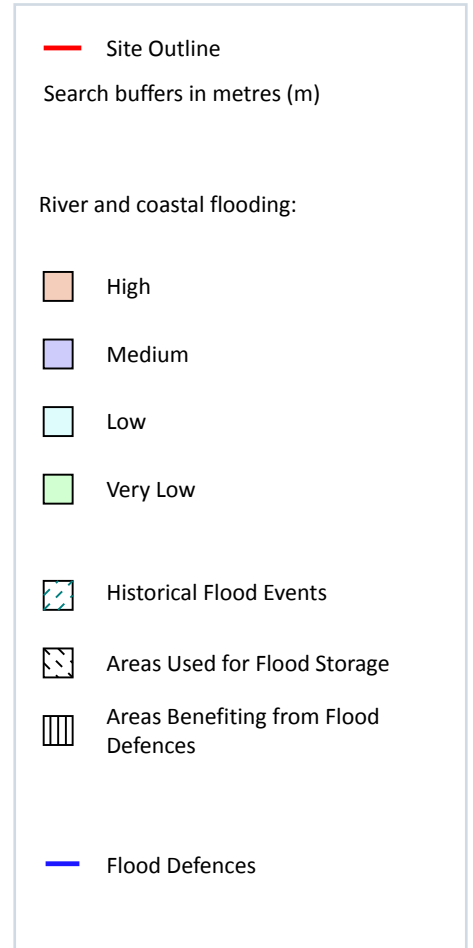
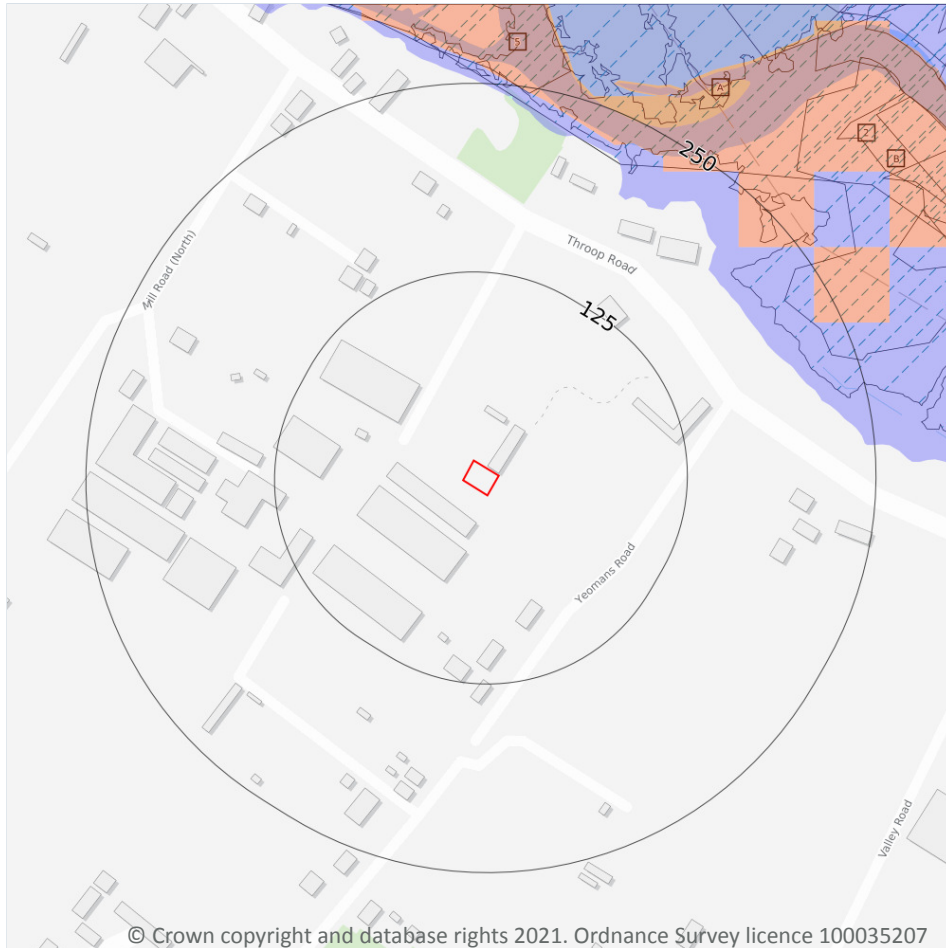
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 53**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Lower Dorset Stour and Lower Hampshire Avon	GB40802G805800	Poor	Poor	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

4

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

Features are displayed on the River and coastal flooding map on **page 56**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
2	204m NE	Stour Flood 109	2009-02-11 2009-02-11	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	219m NE	Jan 1959 Avon & Frome	1959-01-23 1959-01-24	Main river	Channel capacity exceeded (no raised defences)	Fluvial
B	222m NE	Flood Extents_Winter 2013 To 2014	2014-01-09 2014-02-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial
5	246m N	Dec 1989 Stour Corfe Mullen To Christchurch	1989-12-22 1989-12-24	Main river	Channel capacity exceeded (no raised defences)	Fluvial

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

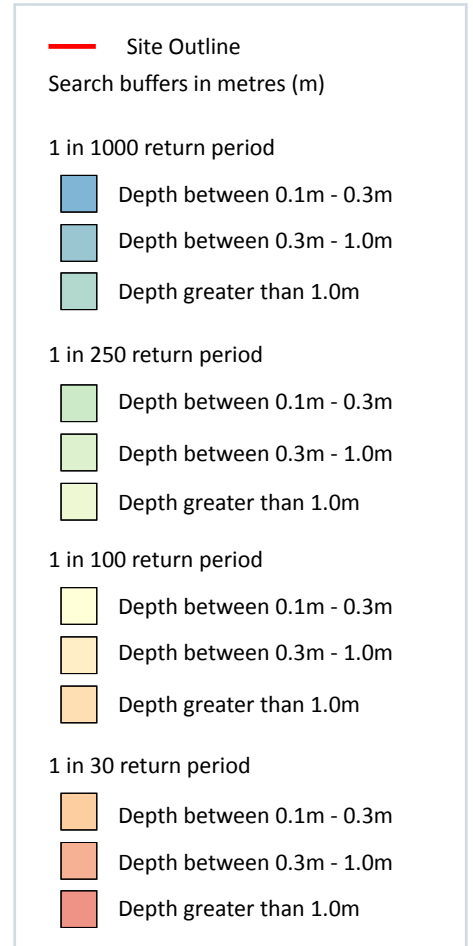
0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 100 year, 0.1m - 0.3m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 60**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

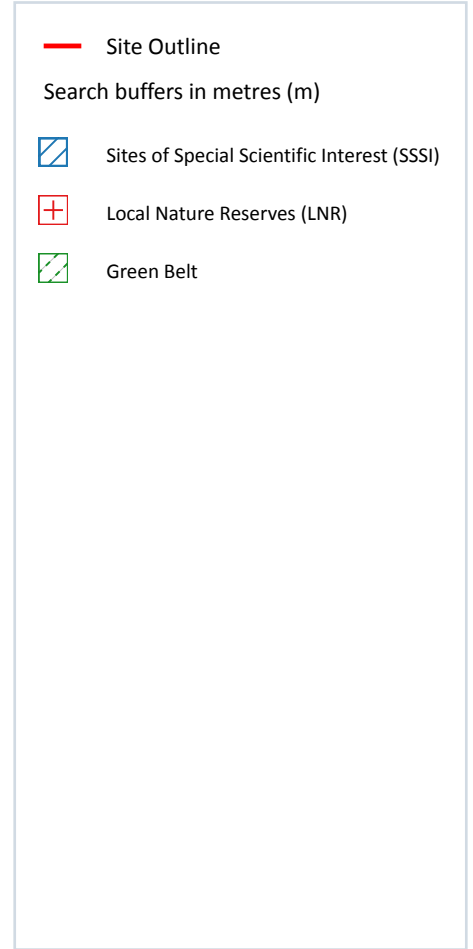
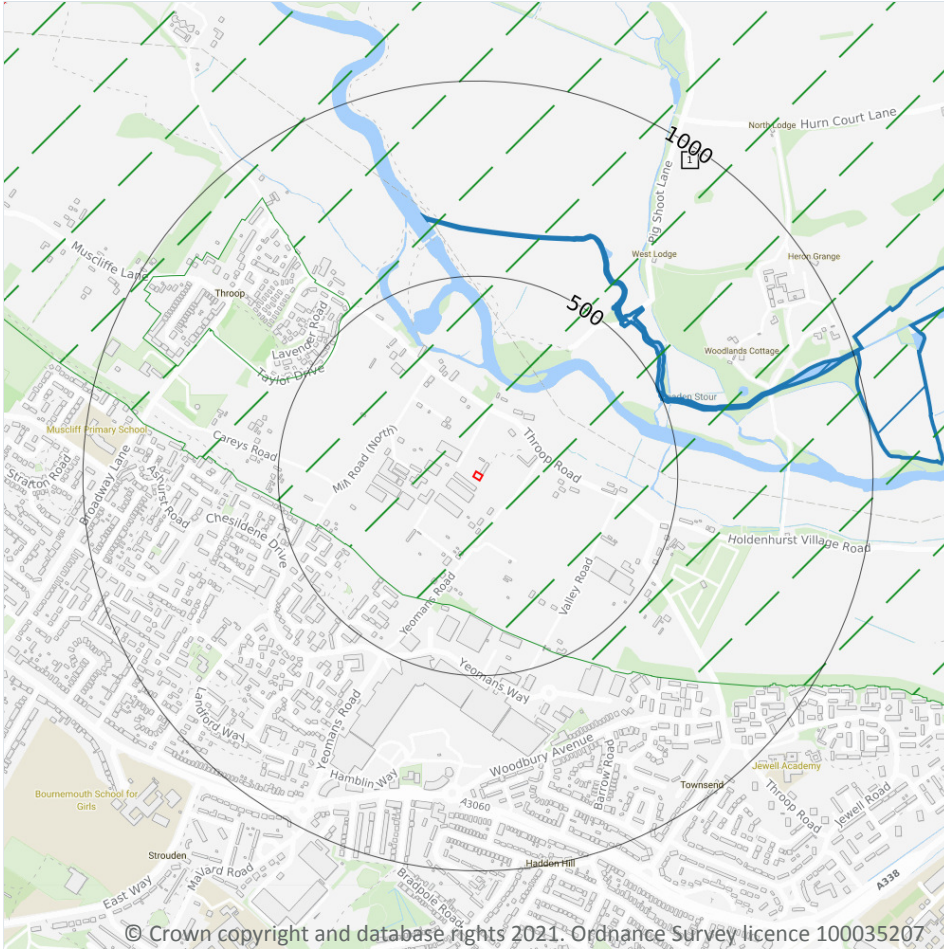
Moderate

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 62**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 63**

ID	Location	Name	Data source
2	499m NE	Moors River System	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.6 Local Nature Reserves (LNR)

Records within 2000m

1

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 63**

ID	Location	Name	Data source
3	1685m NW	Stour Valley	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

1

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on **page 63**

ID	Location	Name	Local Authority name
1	On site	Bournemouth, Christchurch and Poole	Bournemouth, Christchurch and Poole

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

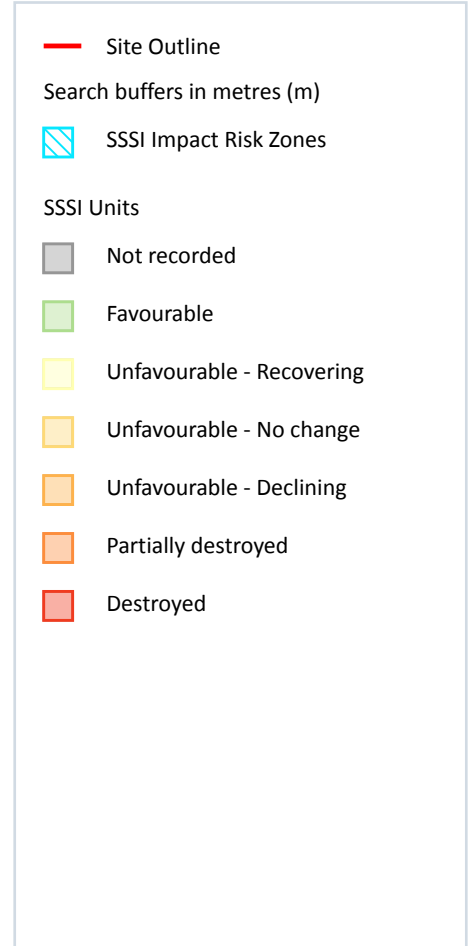
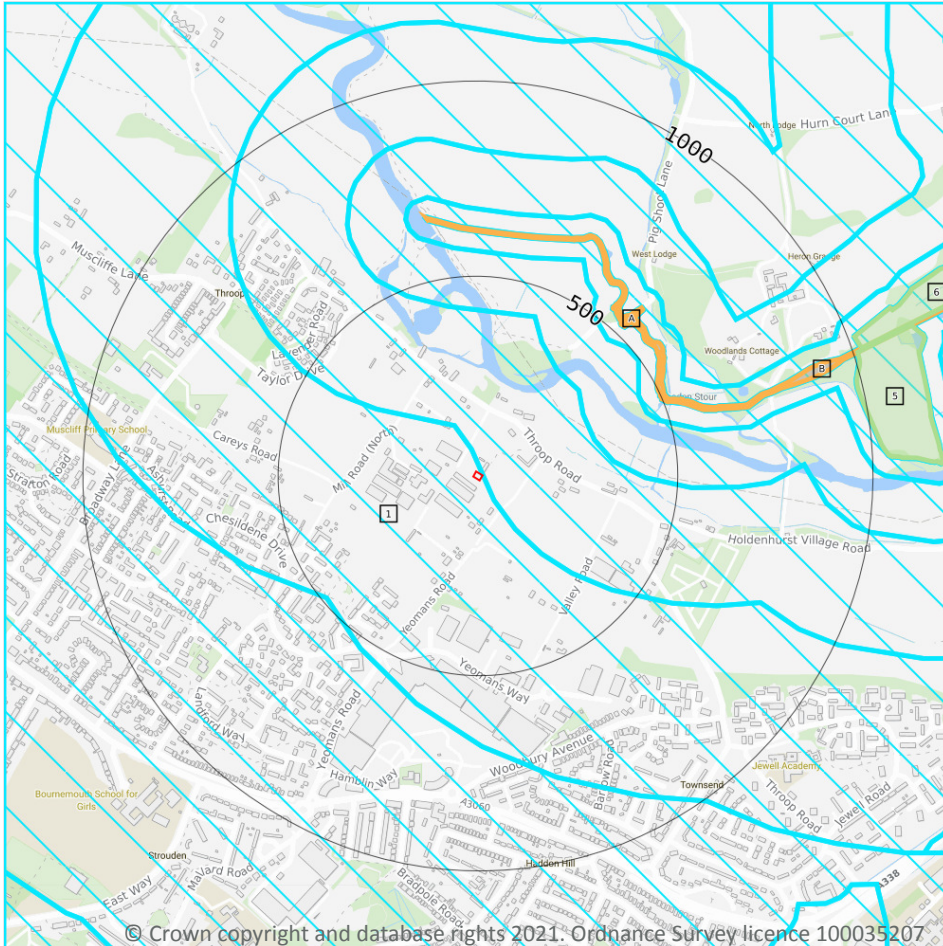
0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 68**

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Any residential developments with a total net gain in residential units.</p> <p>Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

13

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on **page 68**

ID: A
 Location: 499m NE
 SSSI name: Moors River System
 Unit name: Leaden Stour
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - Declining
 Reportable features:



Feature name	Feature condition	Date of assessment
Nationally rare and scarce dragonfly species - Libellula fulva, Scarce Chaser	Unfavourable - Declining	30/06/2010
Outstanding dragonfly assemblage	Unfavourable - Declining	30/06/2010

ID: B
 Location: 632m E
 SSSI name: Moors River System
 Unit name: Malmesbury Estate: The Canal
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Nationally rare and scarce dragonfly species - Libellula fulva, Scarce Chaser	Unfavourable - Declining	30/06/2010
Outstanding dragonfly assemblage	Unfavourable - Declining	30/06/2010

ID: 5
 Location: 987m E
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Hurn Meadows
 Broad habitat: Neutral Grassland - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland neutral grassland (MG5)	Not Recorded	01/01/1900
Lowland neutral grassland (MG8)	Not Recorded	01/01/1900
Lowland wet neutral grassland (MG11, MG13)	Not Recorded	01/01/1900

ID: 6
 Location: 1017m E
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Hurn Meadows
 Broad habitat: Neutral Grassland - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland neutral grassland (MG5)	Not Recorded	01/01/1900
Lowland neutral grassland (MG8)	Not Recorded	01/01/1900
Lowland wet neutral grassland (MG11, MG13)	Not Recorded	01/01/1900

ID: -
 Location: 1416m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Tommy`s Hole
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Not Recorded	01/01/1900
Wet woodland	Not Recorded	01/01/1900

ID: -
 Location: 1455m E
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Hurn Meadows
 Broad habitat: Neutral Grassland - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland neutral grassland (MG5)	Not Recorded	01/01/1900
Lowland neutral grassland (MG8)	Not Recorded	01/01/1900
Lowland wet neutral grassland (MG11, MG13)	Not Recorded	01/01/1900

ID: -
 Location: 1538m E
 SSSI name: Moors River System
 Unit name: Moors: Fillybrook To Stour.
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Nationally rare and scarce dragonfly species - Libellula fulva, Scarce Chaser	Not Recorded	01/01/1900
Outstanding dragonfly assemblage	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900

ID: -
 Location: 1577m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Tommy`s Hole
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Not Recorded	01/01/1900
Wet woodland	Not Recorded	01/01/1900

ID: -
 Location: 1612m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Tommy`s Hole
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Not Recorded	01/01/1900
Wet woodland	Not Recorded	01/01/1900

ID: -
 Location: 1635m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Home Farm Meadows
 Broad habitat: Acid Grassland - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland neutral grassland (MG5)	Unfavourable - No change	25/05/2010
Outstanding dragonfly assemblage	Unfavourable - No change	25/05/2010
River supporting habitat	Unfavourable - No change	25/05/2010

ID: -
 Location: 1686m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Home Farm Meadows
 Broad habitat: Acid Grassland - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland neutral grassland (MG5)	Unfavourable - No change	25/05/2010
Outstanding dragonfly assemblage	Unfavourable - No change	25/05/2010
River supporting habitat	Unfavourable - No change	25/05/2010

ID: -
 Location: 1958m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Hurn Bridge Plantation
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	01/09/2012
Wet woodland	Unfavourable - Recovering	01/09/2012

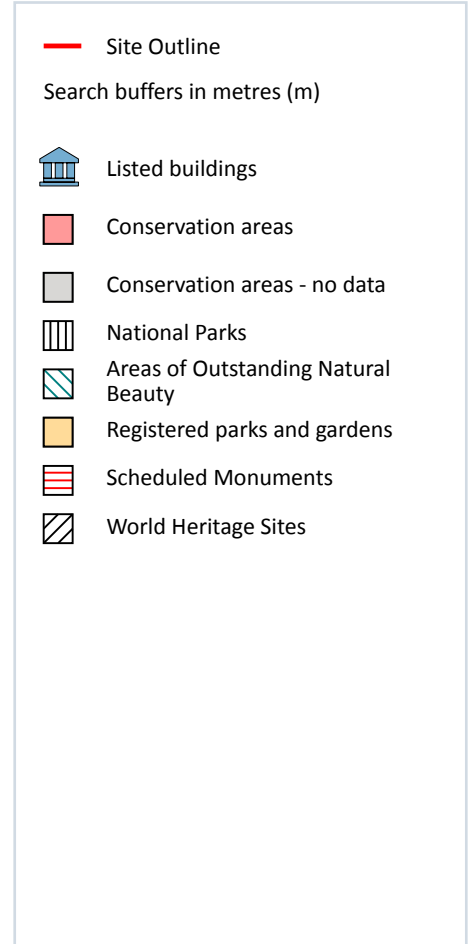
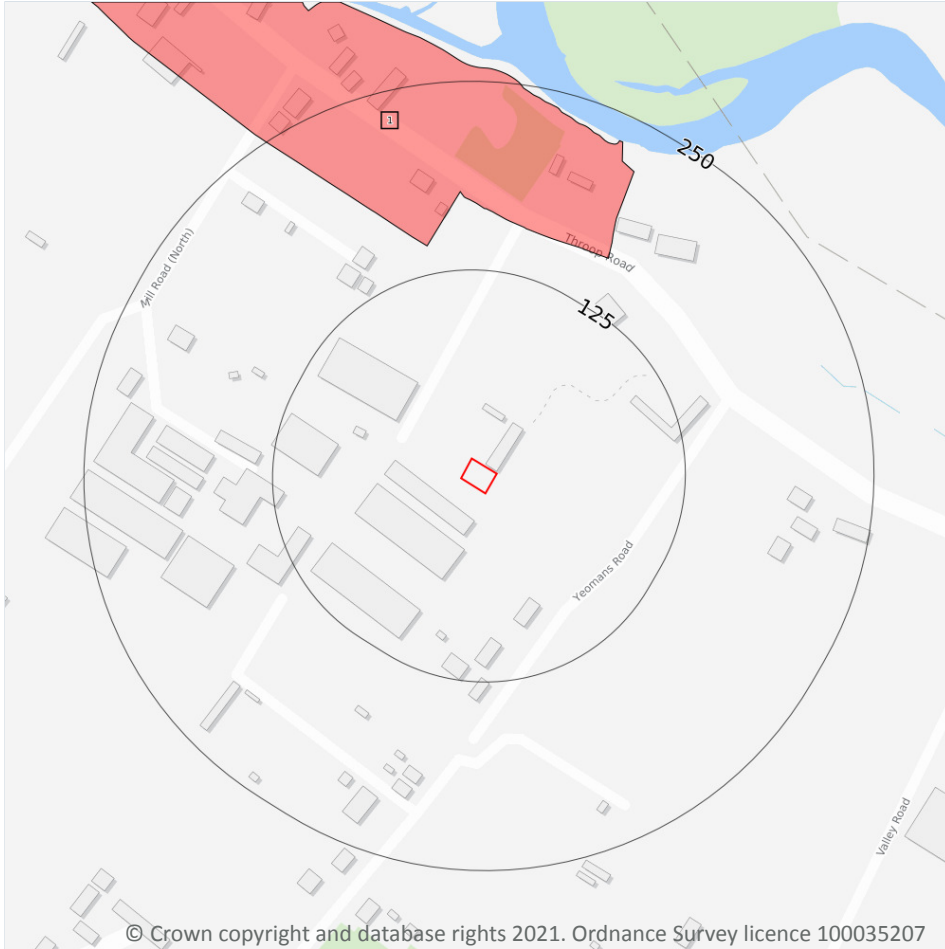
ID: -
 Location: 1989m NE
 SSSI name: Moors River System
 Unit name: Malmesbury Estate - Hurn Bridge Plantation
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	01/09/2012
Wet woodland	Unfavourable - Recovering	01/09/2012

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

1

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.



Features are displayed on the Visual and cultural designations map on **page 75**

ID	Location	Name	District	Date of designation
1	144m N	Throop and Muccleshell Villages	Bournemouth	08/04/1975

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

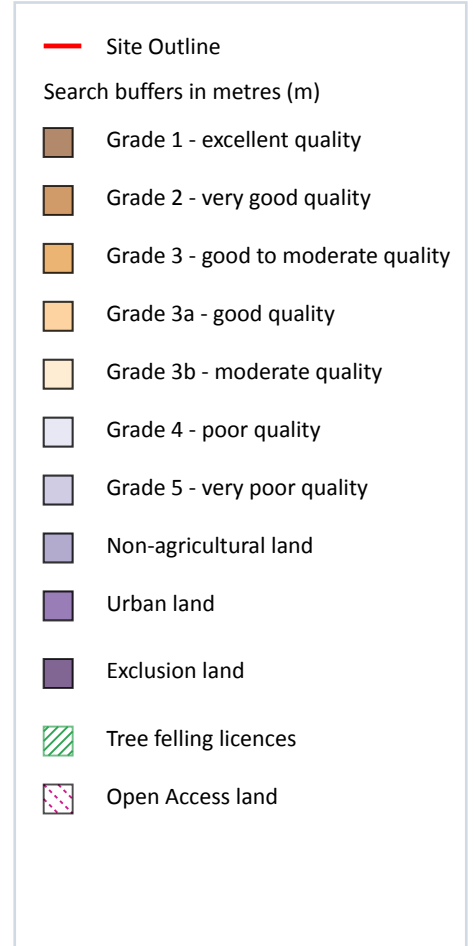
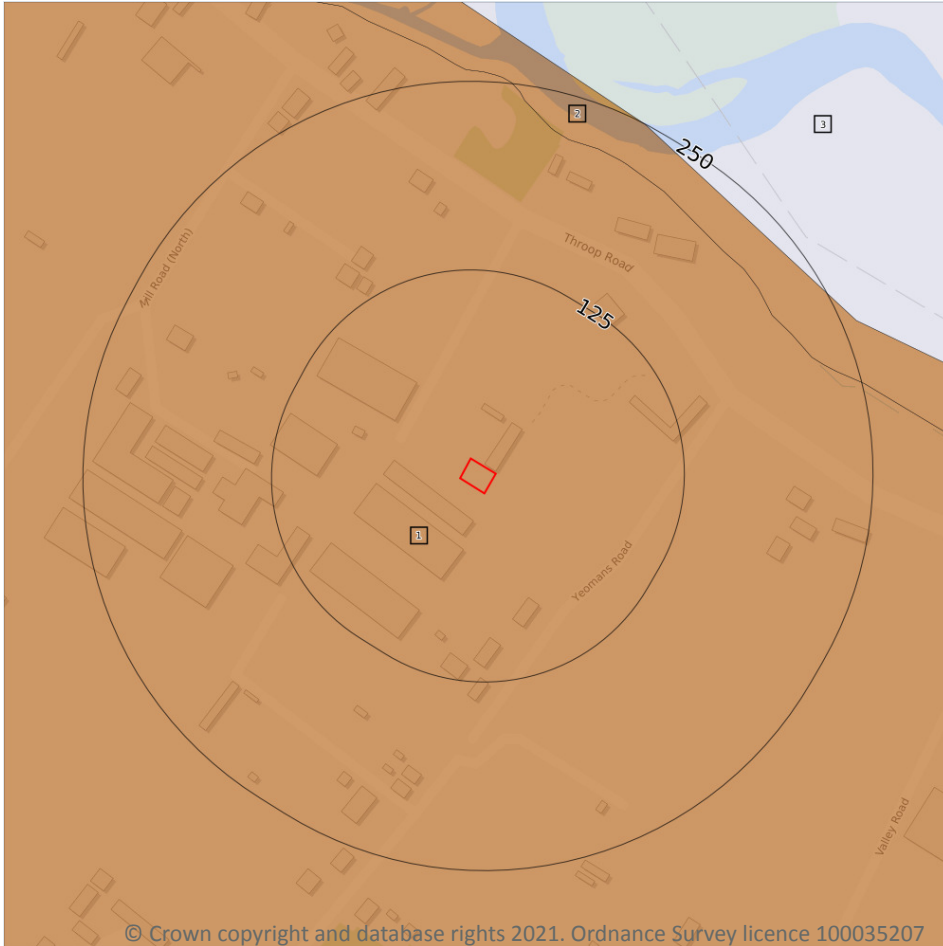
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m

3

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 78**

ID	Location	Classification	Description
1	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
2	211m NE	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
3	237m NE	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.



12.4 Environmental Stewardship Schemes

Records within 250m

1

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

Location	Reference	Scheme	Start Date	End date
206m E	AG00443659	Entry Level plus Higher Level Stewardship	01/09/2012	31/08/2022

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

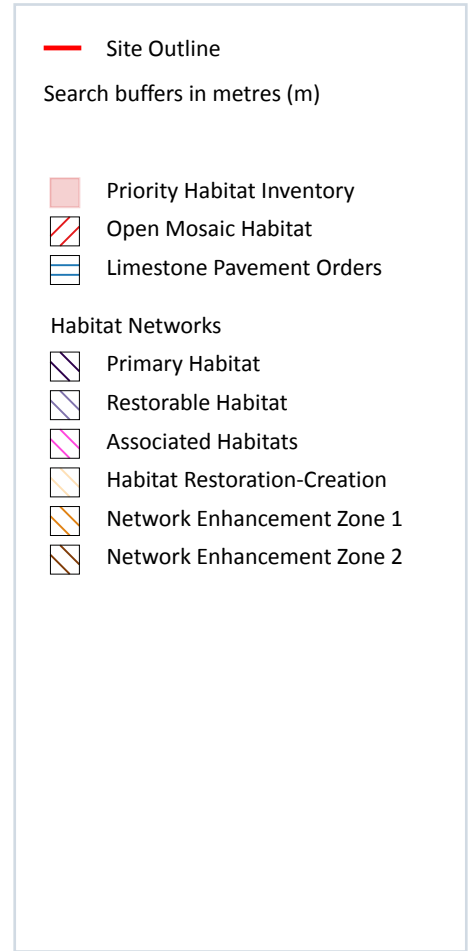
0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

1

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 81**

ID	Location	Main Habitat	Other habitats
1	249m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
 Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

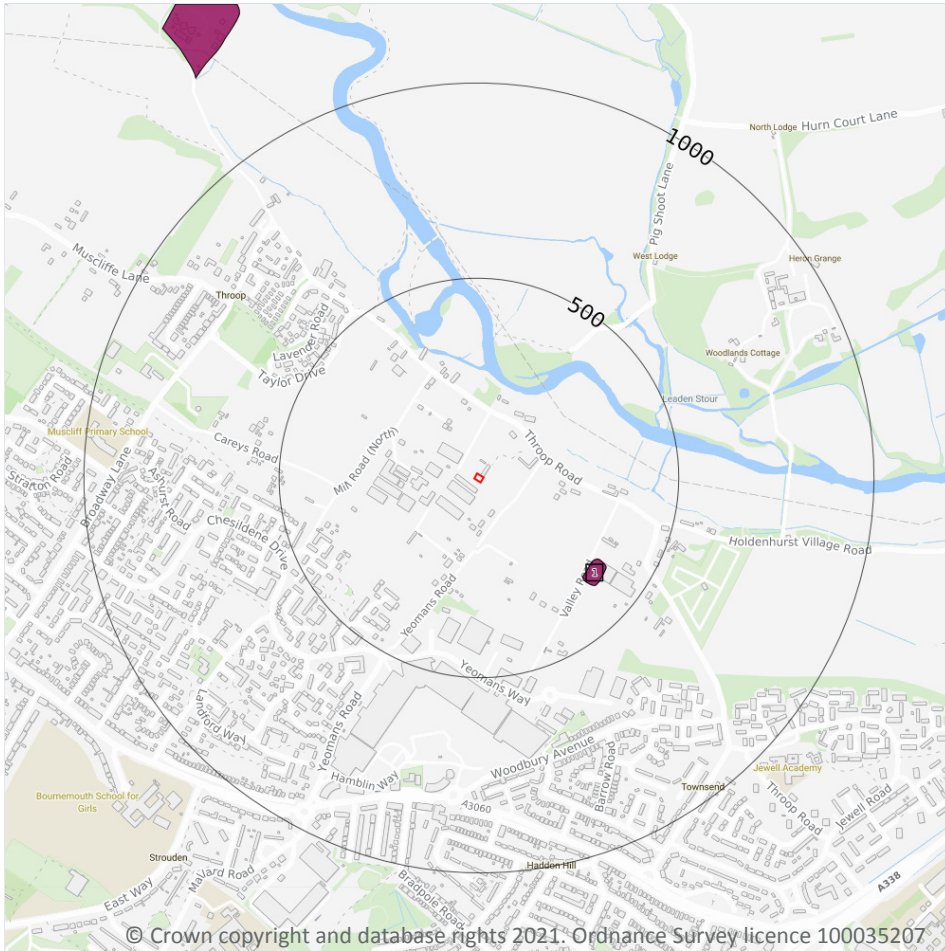
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 83**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SZ19NW
2	435m S	Full	Full	Full	No coverage	SZ19SW

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

1

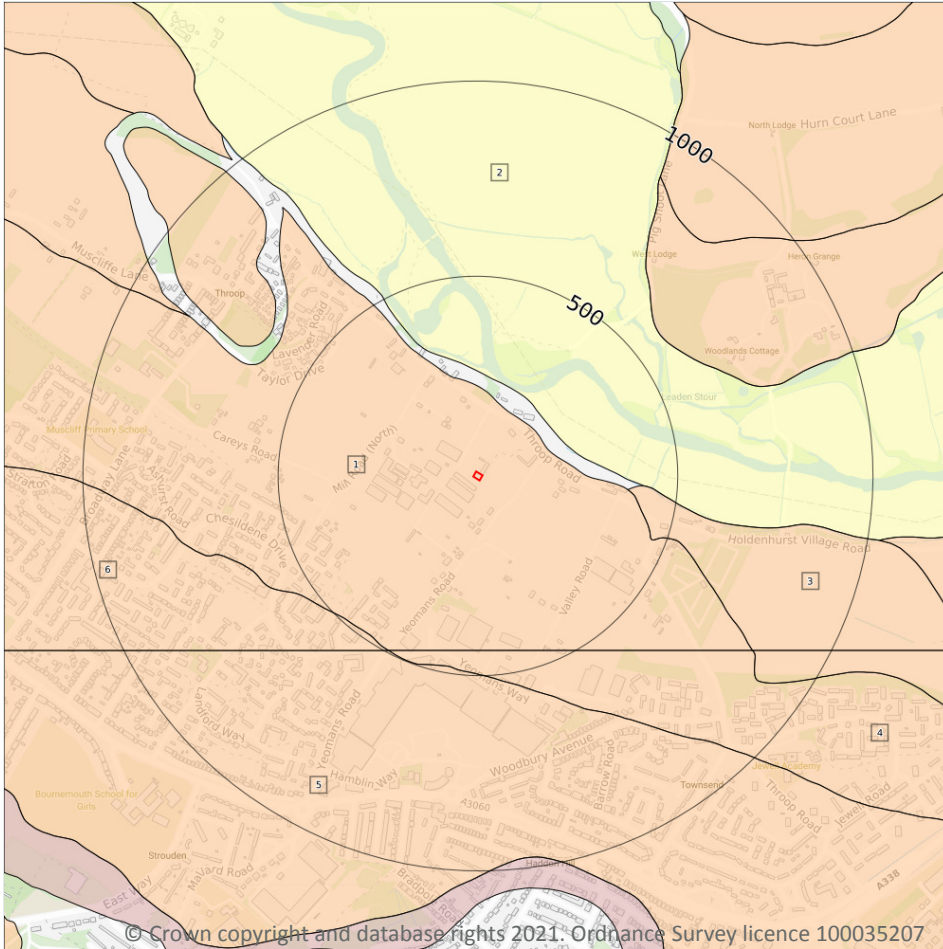
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.


Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 84**

ID	Location	LEX Code	Description	Rock description
1	350m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
-  Landslip (10k)
- Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

6

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 85**

ID	Location	LEX Code	Description	Rock description
1	On site	RTD4-XSV	River Terrace Deposits, 4 - Sand And Gravel	Sand And Gravel
2	213m NE	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
3	374m E	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
4	435m S	RTD4-XSV	River Terrace Deposits, 4 - Sand And Gravel	Sand And Gravel

ID	Location	LEX Code	Description	Rock description
5	483m S	RTD5-XSV	River Terrace Deposits, 5 - Sand And Gravel	Sand And Gravel
6	485m SW	RTD5-XSV	River Terrace Deposits, 5 - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

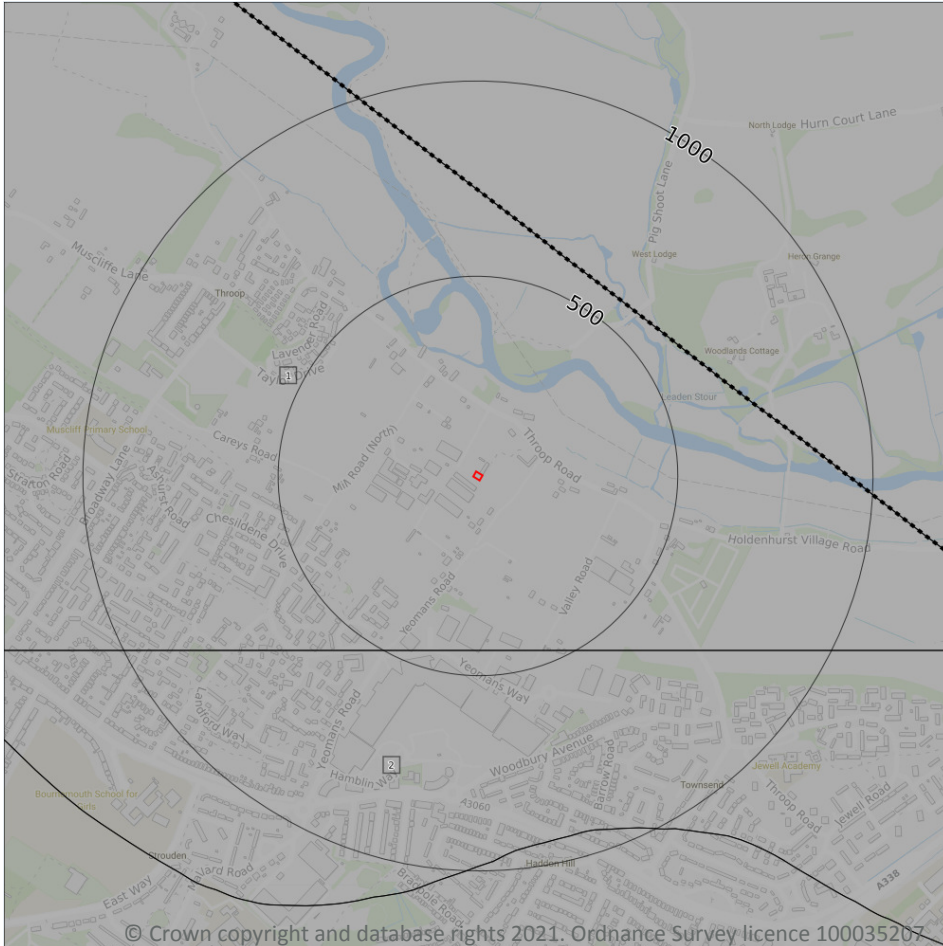
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (10k)
- Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

2

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 87**

ID	Location	LEX Code	Description	Rock age
1	On site	BRKS-SANDU	Branksome Sand Formation - Sand	Lutetian Age
2	435m S	BRKS-SANDU	Branksome Sand Formation - Sand	Lutetian Age

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

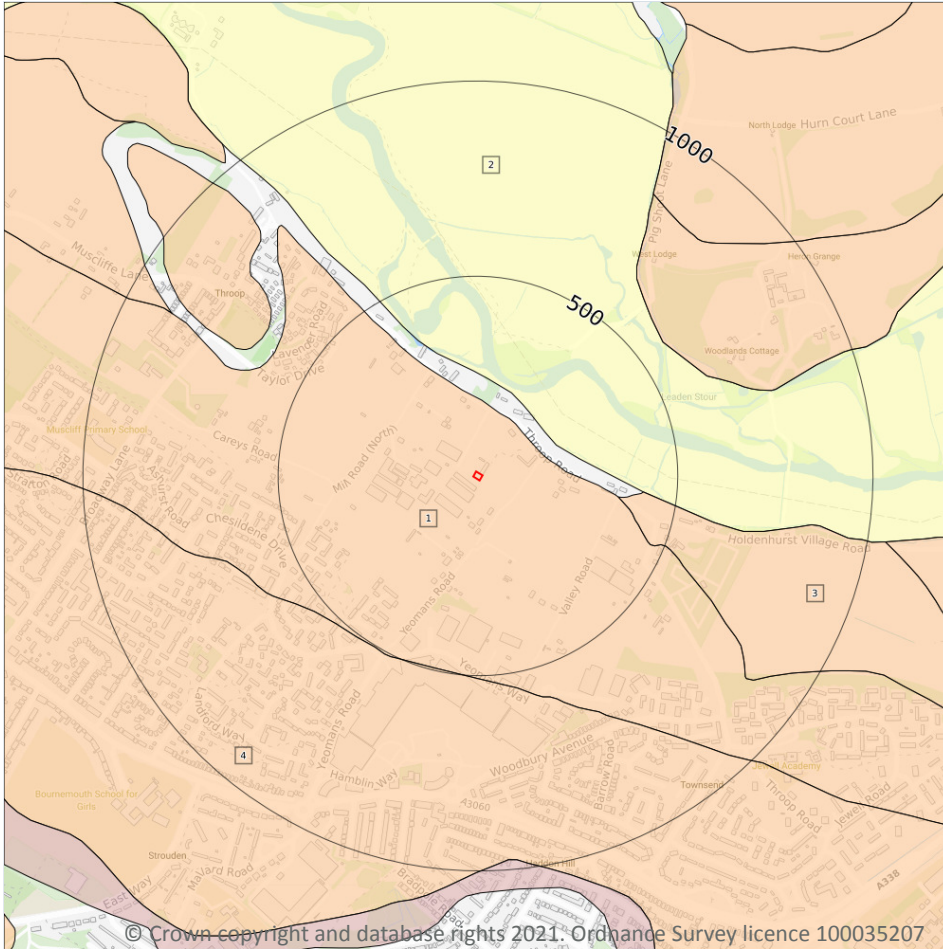
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A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



— Site Outline

Search buffers in metres (m)

▨ Landslip (50k)

Superficial geology (50k)
 Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

4

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 91**

ID	Location	LEX Code	Description	Rock description
1	On site	RTD4-XSV	RIVER TERRACE DEPOSITS, 4	SAND AND GRAVEL
2	194m NE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	352m E	RTD3-XSV	RIVER TERRACE DEPOSITS, 3	SAND AND GRAVEL
4	494m S	RTD5-XSV	RIVER TERRACE DEPOSITS, 5	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

1

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

1

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 93**

ID	Location	LEX Code	Description	Rock age
1	On site	BRKS-S	BRANKSOME SAND FORMATION - SAND	LUTETIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	1
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	High

This data is sourced from the British Geological Survey.

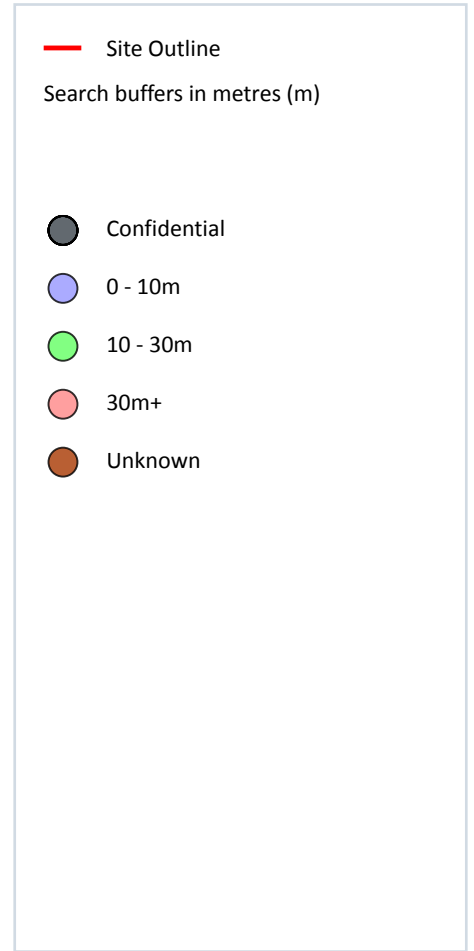
15.10 Bedrock faults and other linear features (50k)

Records within 500m	0
----------------------------	----------

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

16 Boreholes



16.1 BGS Boreholes

Records within 250m

2

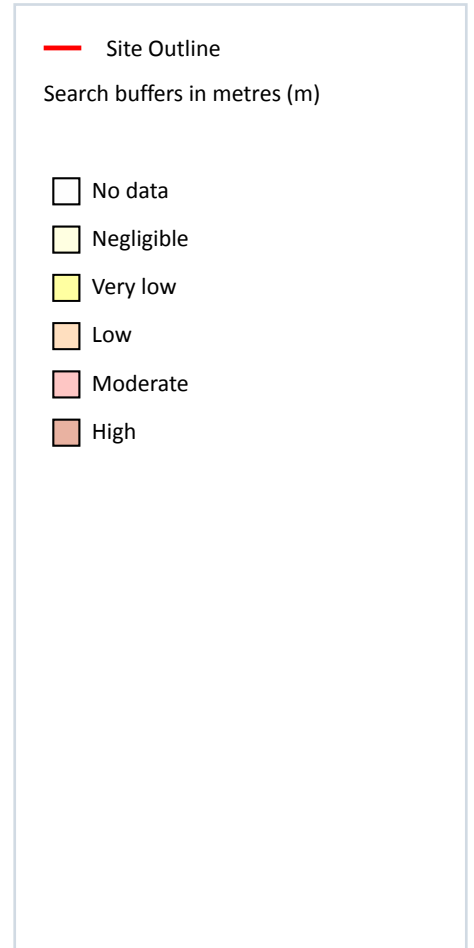
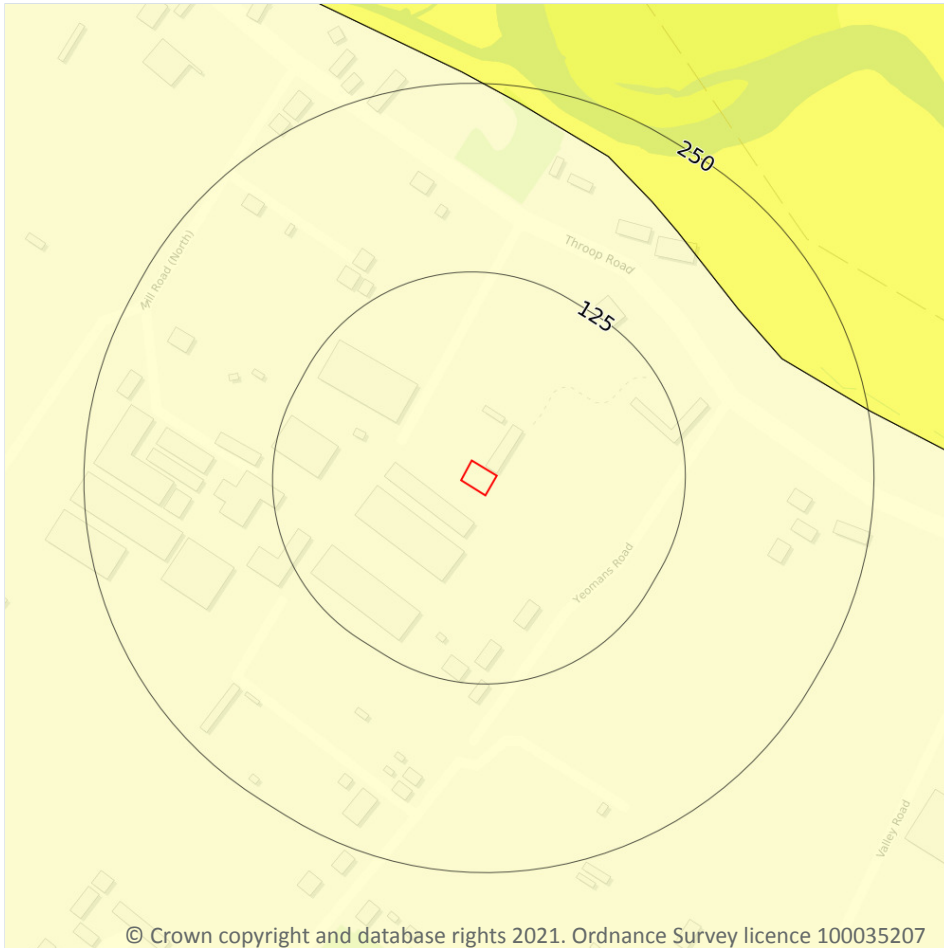
The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 95**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	152m E	411540 95420	NR THROOP	8.0	N	454145
2	187m NE	411500 95600	HOLDENHURST DRAINAGE 4	-2.0	N	454170

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

1

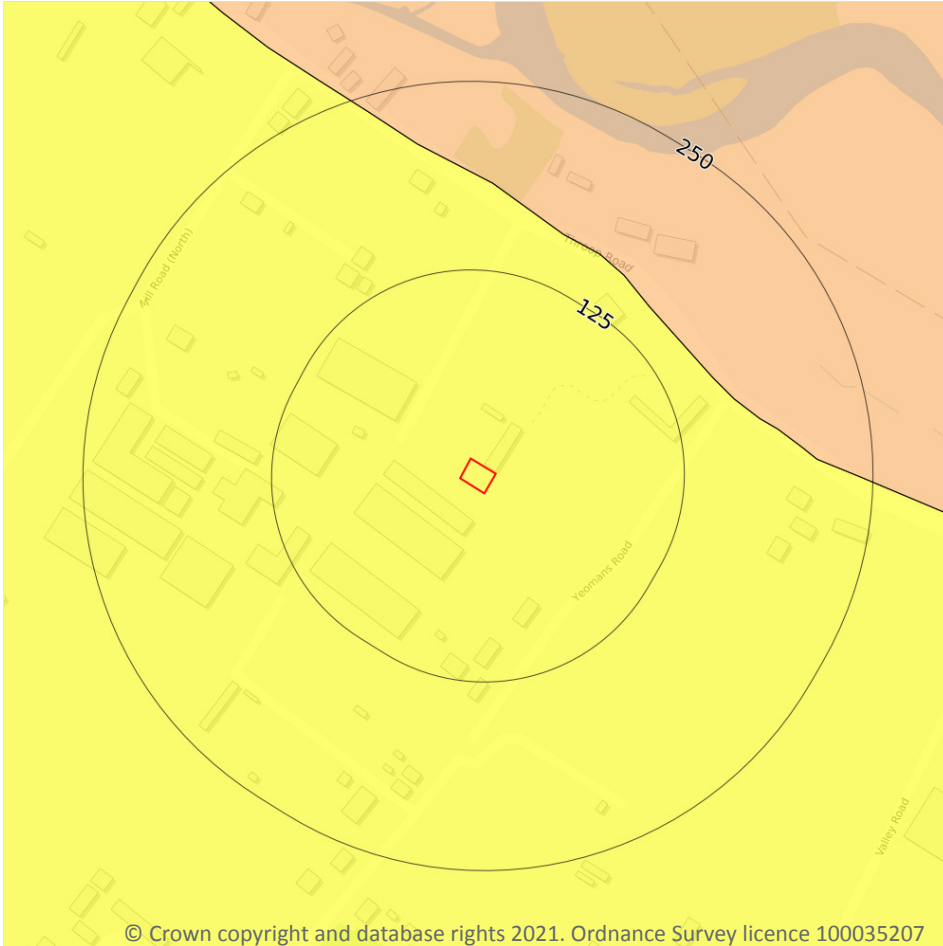
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 96**

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



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17.2 Running sands

Records within 50m

1

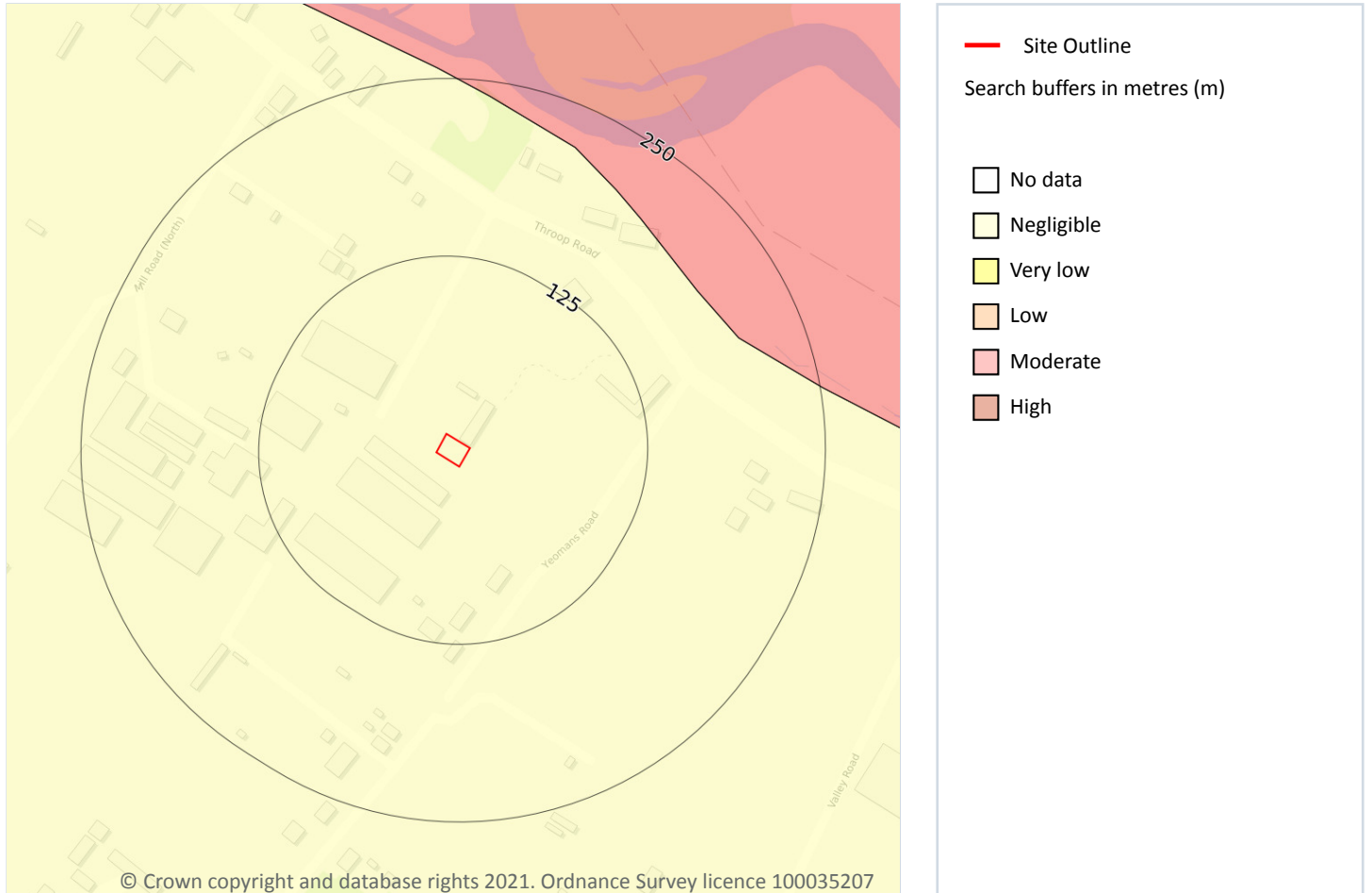
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 97**

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

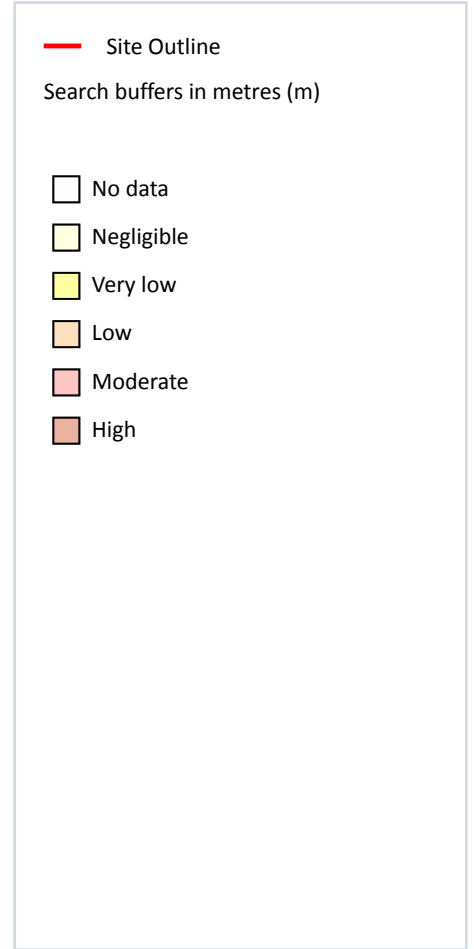
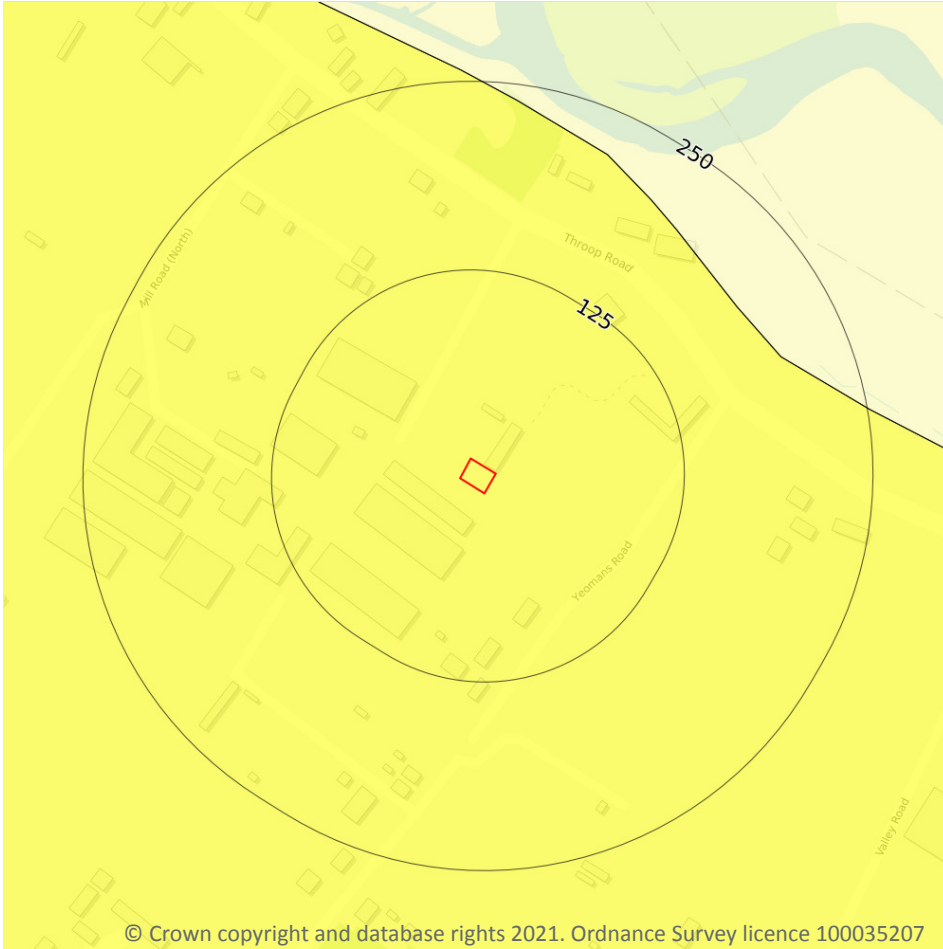
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 98**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



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17.4 Collapsible deposits

Records within 50m

1

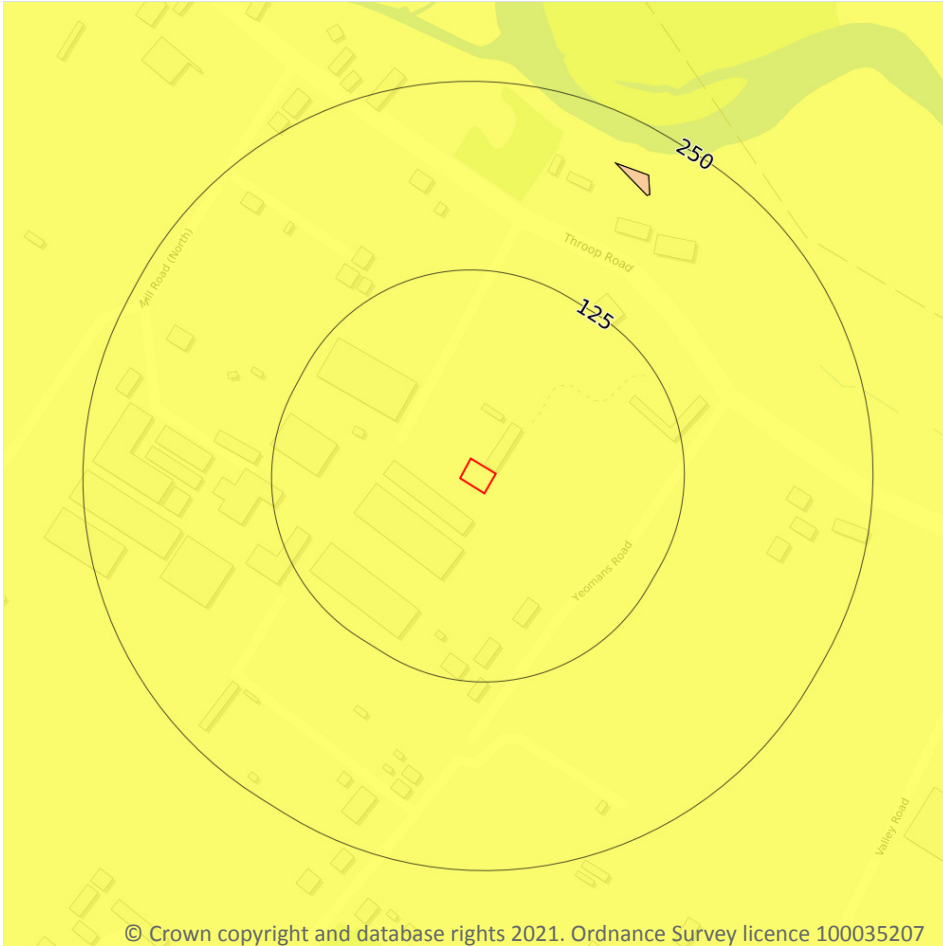
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 99**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

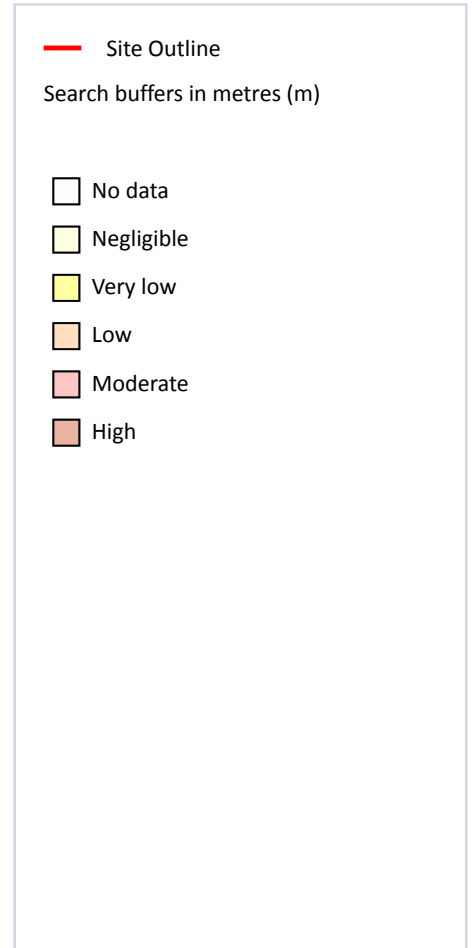
Features are displayed on the Natural ground subsidence - Landslides map on **page 100**

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

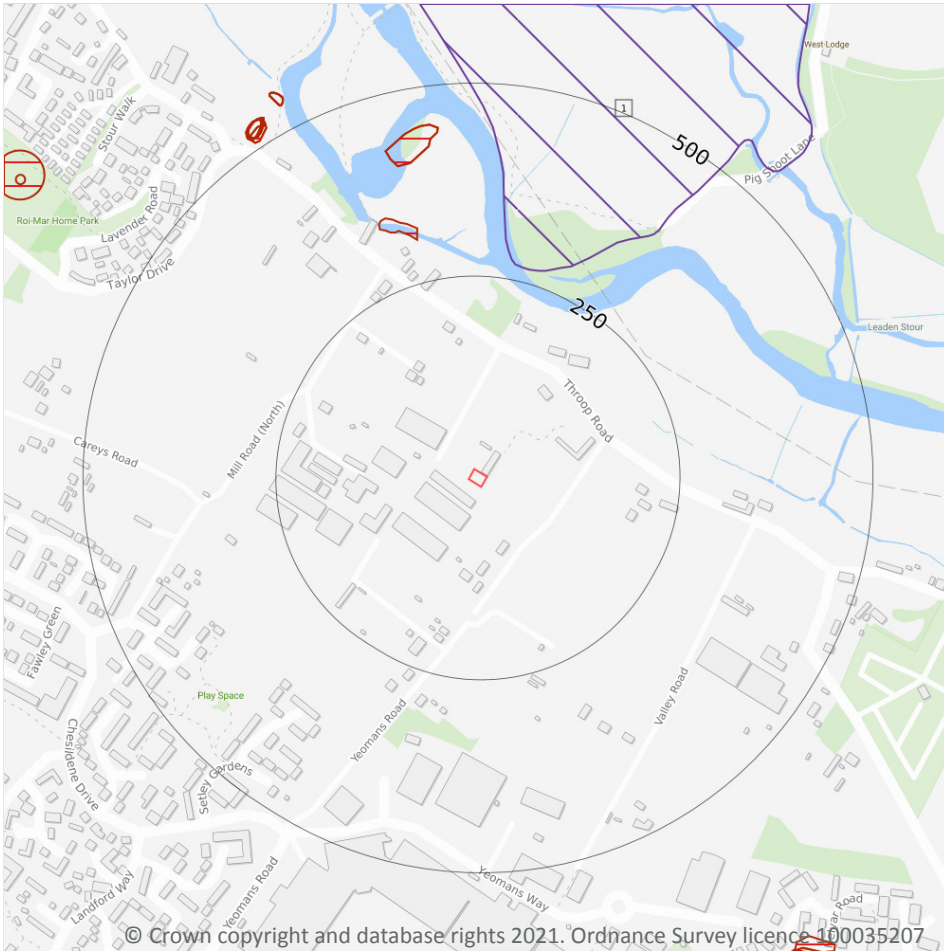
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 101**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



18.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

0

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

1

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

Features are displayed on the Mining, ground workings and natural cavities map on **page 103**

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	268m N	Malmsbury estate	Sand and gravel	Surface mineral working	Valid	14/12/1982

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site

0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.



18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

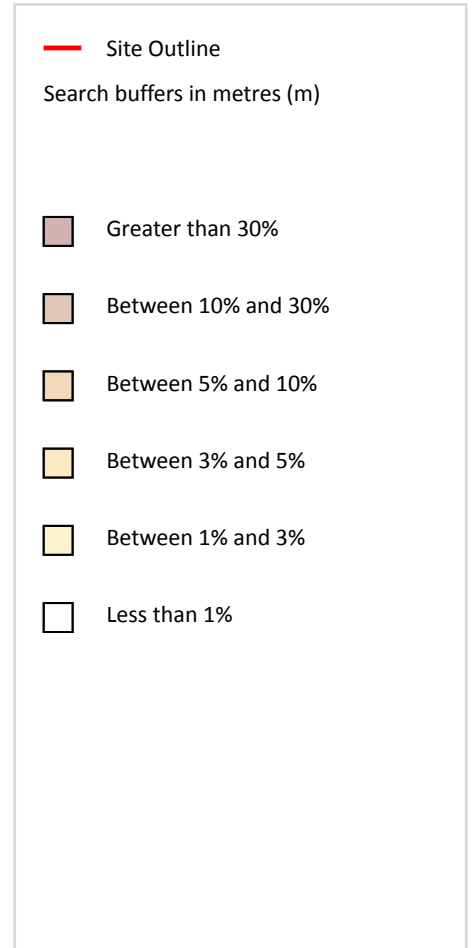
18.13 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Radon



19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 107**

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
41m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects

21.1 Underground railways (London)

Records within 250m	0
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Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0
---------------------	---

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0
---------------------	---

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	0
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Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m	0
---------------------	---

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.



This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

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