



Sandall Waste water Treatment Works

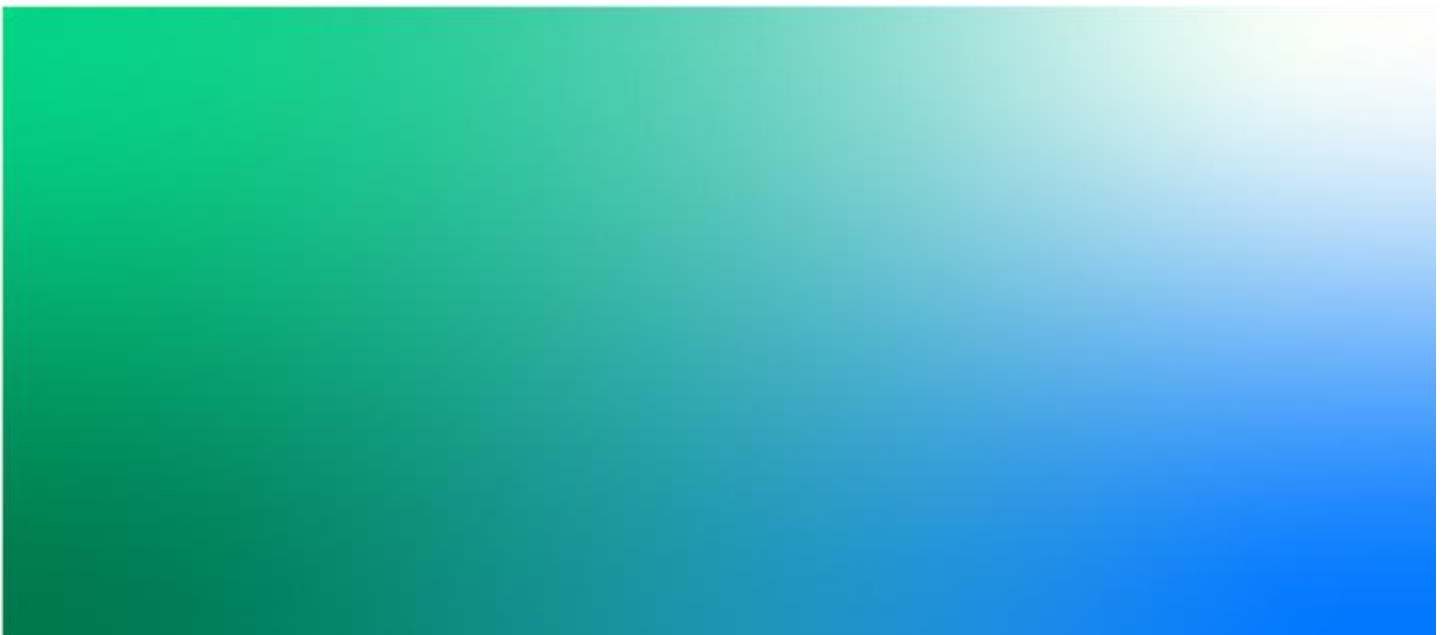
Environmental Permit Application

Document No. | 1

June 2021

Yorkshire Water

WwTW Permitting



Sandall Waste water Treatment Works

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Document history and status

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1. Non-Technical Summary

Yorkshire Water Ltd are applying for a bespoke physico-chemical waste treatment Environmental Permit for Sandall Waste water Treatment Works (WwTW) which relates to the acceptance and storage of tankered effluent prior to discharge into the main works.

Effluents in the forms of liquids and easily pumpable sludges are delivered to the site by road tanker from a number of sources for treatment within the WwTW. These effluents can either be discharged directly into the 'head of the works' or transferred to a holding tank located near the entrance to the site, prior to transfer to the 'head of the works'. Once wastes are discharged to the 'head of the works' they are mixed within the incoming sewer delivered urban waste water directive (UWWTD) main flow. Once the liquid effluent enters the main works system it is classified as urban waste water and is therefore, no longer considered waste under the Waste Framework Directive 2008/98/EC.

Sandall WwTW is located 3.6km north east of the town of Doncaster, Yorkshire. The site is bordered by the River Don on one side and by industrial areas to all other sides, beyond which are residential areas. The facility is accessed via a dual carriageway, A630 which appears to be one of the primary access roads between Doncaster and the M18 motorway. The site benefits from flood defences on the River Don.

There are no Sites of Special Scientific Interest (SSSI) or National Nature Reserves (NRN) within 1km of the Sandall Sewage Treatment Works

It is proposed that the maximum quantity of the above mentioned tankered waste accepted at Sandall WwTW is an annual allowance of 1,000,000 tonnes.

2. Application Forms

- 2.1 Form A**
- 2.2 Form B2**
- 2.3 Form B4**
- 2.4 Form F**

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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 - 3 Applications from an organisation of individuals or charity
 - 4 Applications from public bodies
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 - 6 Your address
 - 7 Contact details
 - 8 How to contact us
 - 9 Where to send your application
- Appendix 1 – Date of birth information for installation and waste activities (applications for a new permit or transferring a permit) only

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.

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

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
- 5 Supporting information
- 6 Environmental risk assessment
- 7 How to contact us

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

2 About the site, continued

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)

3 Your ability as an operator, continued

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.

Document reference

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

CIWM/WAMITAB scheme

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

- I will complete my qualification within four weeks of starting the permitted activities and have enclosed evidence of my registration with WAMITAB or my EPOC booking as appropriate

- **For medium- and high-risk tier activities other than landfill**
I will complete the qualification within 12 months and have enclosed evidence of registration with WAMITAB and, where relevant, EPOC booking. I understand I 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

3 Your ability as an operator, continued

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.

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 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

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

3 Your ability as an operator, continued

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

EC Eco-Management and Audit Scheme (EMAS)

EMAS Easy

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

5 Supporting information, continued

5c Provide a non-technical summary of your application

See the guidance notes on part B2.

Document reference of the summary

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			

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.

6 Environmental risk assessment, continued

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.

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 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 <input type="checkbox"/>
	References		No <input type="checkbox"/>
B – Aqueous waste	Effluent created	m ³ /day	Yes <input type="checkbox"/>
			No <input type="checkbox"/>
C – Abatement systems	Provide references to show how your application meets C		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
D – Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
		No <input type="checkbox"/>	No <input type="checkbox"/>
E – Producing waste	Hazardous waste	Tonnes per year	Yes <input type="checkbox"/>
	Non-hazardous waste	Tonnes per year	No <input type="checkbox"/>
F – Using energy	Peak energy consumption	MW	Yes <input type="checkbox"/>
			No <input type="checkbox"/>
G – Preventing accidents	Do you have appropriate measures to prevent spills and major releases of liquids? (See 'How to comply'.)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
		No <input type="checkbox"/>	No <input type="checkbox"/>
	Provide references to show how your application meets G		
H – Noise	Provide references to show how your application meets H		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
I – Emissions of polluting substances	Provide references to show how your application meets I		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
J – Odours	Provide references to show how your application meets J		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
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 explanatory notes	Yes <input type="checkbox"/>	
		No <input type="checkbox"/>	

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

2 Relevant Offences - date of birth information

Please give us the following details

Name

Date of birth (DD/MM/YY)

3 Technical ability - date of birth information

Name

Date of birth (DD/MM/YY)

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>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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 _____

2 Point source emissions to air, water and land

Fill in Table 2 below with details of the point source emissions that result from the operating techniques at each of your waste operations.

Fill in one table for each waste operation.

Table 2 – Emissions

Name of the waste operation				
Point source emissions to air				
Emission point reference and location	Source	Parameter	Quantity	Unit
Point source emissions to water (other than sewers)				
Emission point reference and location	Source	Parameter	Quantity	Unit
Point source emissions to sewers, effluent treatment plants or other transfers off site				
Emission point reference and location	Source	Parameter	Quantity	Unit
Point source emissions to land				
Emission point reference and location	Source	Parameter	Quantity	Unit

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

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 application

Credit 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

£ _____

3. Letter of Authorisation



From Nevil Muncaster
Chief Strategy and Regulation Officer

To Adele Burns
Sarah Maiden
Linda Hustler

4th February 2021

Strategy and Regulation Sub Delegation

In accordance with the Yorkshire Water Services Limited Delegation Scheme, the following specific sub delegation will now apply within Strategy and Regulation.

I authorise Adele Burns, Lead Advisor, Sarah Maiden, Environmental Permitting Team Leader and Linda Hustler, Environmental Regulation and Modelling Manager power to submit applications for:

Environmental Permits;

Environmental Permitting Exemptions;

And variations and surrenders to the same.

On behalf of the company.

This Sub Delegation is authorised by the Chief Executive Officer.

A handwritten signature in blue ink, appearing to read "N Muncaster", with a long horizontal flourish extending to the right.

Nevil Muncaster
Chief Strategy and Regulation Officer

4. Process Description

Yorkshire Water Ltd are applying for a bespoke physico-chemical waste treatment Environmental Permit for Sandall WwTW which relates to the acceptance and storage of tankered effluent prior to discharge into the main works.

The scope of this bespoke permit application covers the delivery to site; offloading and potential blending and storage; prior to treatment, of effluents delivered to site by road tanker for treatment at the WwTW in a mixture with UWWTD materials.

On delivery, effluents are discharged from the tanker, via dedicated tanker off loading points, directly into the 'head of the works' for full treatment. Where the delivered waste requires a slower import addition, due to the load composition, for example in relation to ammonia or COD loading, in order to ensure that there is no impact on the works, it is possible for tankers to be diverted to a separate set of offloading points, where the discharge occurs to a blending and storage tank, from where the effluent is pumped into the 'head of the works' for full treatment at a lower rate than from the direct discharge point. This is not currently being undertaken at the works.

The tanker offloading points are equipped with key fob controlled data loggers, which measure the volume discharged, as well as the origin of the waste. Offloading is only possible once the data logger has been activated.

Tanker offloading areas are equipped with impermeable surfaces, and kerbing to minimise the impact of any spillages on the wider environment. Where any spillages do occur, the drainage system in the offloading area is connected to the 'head of the works'. All offloading points are fixed and equipped with appropriate tanker coupling hoses to reduce the risk of poor tanker connection. The blending and storage tank, where present, are enclosed tanks, designed to hold approximately 2 tankers of effluent, to minimise the risk of excessive storage periods.

All loads are subject to robust pre-acceptance checks to determine their suitability for the processes on site, including an assessment of their variability over time. All loads are pre-booked into the works, to ensure that there is sufficient capacity within the works, and if necessary, loads are diverted to other appropriately permitted facilities. Once a load has been assessed and determined to be acceptable for treatment at the site, the producer is issued an appropriate key fob to access the data logger and offloading point at the works. The data logger is interlocked with the offloading point to ensure that only authorised loads are accepted. The offloading point is covered by CCTV camera and prior to offloading, the control centre for the works must approve the offloading. Loads are subject to random sampling and inspection prior to offloading. Copies of the current versions of these documents are appended as Appendix D.

Pre-acceptance and acceptance method statements for the works have been prepared and approved as part of the Yorkshire Water management system. These are corporate level documents applicable across all potential imports to any of Yorkshire Water's waste water treatment works, however, individual works may have specific restrictions or limitations on chemical and biological components within potential imports, based on site specific factors.

Due to the nature of the site, the works is operational 24-7, however, it may not be fully staffed during all operational hours. There is continuous monitoring of the site from the regional Yorkshire Water control centre.

The site is currently operational.

There are no channelled emissions to air from the permitted operations.

There are no generators or similar plant used within the permitted area at the site, which means it falls outside of the scope of the Medium Combustion Plant Directive.

No routine odour or noise monitoring is undertaken at the site.

In line with current Environment Agency guidance, given in 'Control and Monitor Emissions for your Environmental Permit – Odour', an odour management plan (OMP) has not been included with this application.

5. Supporting Information

5.1 Form A Additional Information

5 – Applications from companies or corporate bodies

5C – Details of the directors

These are provided separately

5.2 Form B2 Additional Information

1 About the permit

1a Discussions before your application

No formal pre-application discussions have been held with the National permitting Service of the Environment Agency, due to the closure of the pre-application service currently. Discussions on the use of CCTV cameras to monitor tanker offloading as part of the waste acceptance procedures have been held with Clive Humphreys of the Environment Agency.

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

This permit is for a site.

2 About the site

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

Site name: Sandall Waste water Treatment Works

Address: Kirk Sandall, A630 Wheatley Hall Road

National grid reference for the site: SE 60066 06113

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

Waste Operation

What is the national grid reference for the regulated facility (if only one)?

SE 60066 06113

2d Low impact installations (installations only)

Are any of the regulated facilities low impact installations?

No

2e Treating batteries

Are you planning to treat batteries?

No

2f Ship recycling

Is your activity covered by the Ship Recycling Regulations 2015?

No

2g Multi-operator installation

Is the site a multi operator site?

No

3 Your ability as an operator

3a Relevant offences

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

No current relevant offences.

3b Technical ability

Yorkshire Water have staff with appropriate WAMITAB certificates. The certificates are presented in Appendix C.

The CoTC holder for Sandall WwTW is:

Kevin Spink

Waste Service Manager

07790 616 453

Kevin.Spink@yorkshirewater.co.uk

3c Finances

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

No.

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)?

N/A

3d Management systems (all)

Confirm that you have read the guidance and that your management system will meet our requirements.

Yes, we can confirm that this is the case.

Does your management system meet the conditions set out in our guidance? What management system will you provide for your regulated facility? Please make sure you send us a summary of your management system with your application

Yorkshire Water (YW) has an established Environmental Management System (EMS), which is certified to the ISO14001 standard. The EMS forms part of a wider corporate Integrated Management System (IMS) which also incorporates quality management, health and safety management, asset management, organisational resilience, and business continuity requirements. The management system follows an asset life cycle approach, from design through to decommissioning.

The YW EMS has been certified to ISO14001 since 2004. The certified EMS scope covers: "The management and operation of clean and wastewater assets and associated services". YW's top level commitment to environmental and quality performance can be found in the Quality & Environmental Policy. YW has a central team responsible for the implementation of the overall IMS. YW personnel have role statements which provide details of the responsibilities and accountability of individual roles. YW has established appropriate forums and mechanisms for the identification and management of risk, including senior leadership teams and governance groups. Actions are cascaded throughout the organisation as appropriate.

In relation to environmental issues, climate change risk assessments are carried out as well as consideration of extreme weather and climate resilience work. Environmental aspects and impacts have been identified and are recorded using the company's software platform for recording risks (currently the '4Risk' system). YW is committed to comply with all relevant legislation, regulations and any other requirements to which the organisation subscribes. Legislation is analysed so that its relevance to the activities, aspects, products and services of YW are understood, communicated and applied. Registers of relevant legislation and other requirements are maintained and managed via the Evaluation of Compliance (EoC) process held on SharePoint. Management requirements that arise from risk assessments and evaluation of compliance processes are taken into account in planning operational control and emergency preparedness procedures.

Operational facilities are managed in accordance with procedures laid down within the EMS. This includes procedures to identify and control environmental issues arising from YW's activities, including specific environmental permit requirements. Procedures specify environmental best practice requirements, including for example storage of chemicals and oils within a bund (with 110% capacity) which must be maintained in good condition, located inside a building wherever possible, on hardstanding and away from watercourses and site drains. Waste must be segregated appropriately, and waste containers must be located on impermeable hardstanding. YW has developed a biodiversity policy, underpinned by specific processes and procedures, to deliver programmes of work that aim towards a biodiversity net gain. This policy is applicable to contractors delivering work on behalf of YW.

A planned maintenance system is in operation covering all electrical and mechanical equipment and calibration of instrumentation and control system. A list of all plant items is stored on the Asset Inventory System (AI2) and the frequency, scope and records of planned maintenance and calibration are stored on SAP. Job cards for planned maintenance are produced through the SAP system giving the necessary work instruction. Planned maintenance requirements are initially based on recommendations provided in Operations and Maintenance (O&M manuals).

Total Care Plans (TCPs) are produced for all sites and are reviewed at set intervals. TCP reviews set future planned maintenance frequency, the work to be carried out during the planned maintenance and identifies critical and life expired plant items. This is based on the review of the plant item's history and on condition monitoring results.

An inspection and testing programme for above and below ground vessels, pipes and valves is in place. This programme of work to detect any deterioration or weakness of assets typically incorporates a combination of visual examinations and non-destructive testing (e.g. ultrasonic thickness measurements). The frequency of inspection is in accordance with risk based requirements, which also varies according to the condition of the asset. A clear process to address any identified defects, with assigned responsibilities, is in place.

In addition to planned maintenance activities described above, a programme of daily, weekly and monthly visual inspections and checks are undertaken. This includes, for instance, visual inspections of general site condition and housekeeping including spills and leaks, checks for abnormal heat, noise, and vibration, checking the operation of pumps and monitoring instrumentation, checking calibrations are in date etc. Any abnormal observations are recorded in the site logbook.

Further to the above, the waste import facilities are supported by a third party provider to specifically support the planned and preventative maintenance of the import logger and associated CCTV systems. The loggers are fitted with pH probes to prevent out of specification discharges and the CCTV are in place to remote monitor the loads prior to approving the imports.

The designated Technically Competent Manager (TCM) also undertakes monthly inspections of the site to identify any potential issues and arrange resolution as necessary. These inspections are recorded, and the information is retained by YW. Processes on site operate continuously, 24-hours per day, 7-days per week, apart from maintenance periods. The plant is designed to operate unattended with process parameters being monitored continuously. Operating logs are stored electronically.

Plant breakdowns are responded to on the basis of a risk assessment matrix (RAM) and prioritised according to consequence of failure and likely time to failure occurring. Amongst other attributes, the RAM takes into account impact to environment, health and safety, cost and flooding. Site operational staff are responsible for requesting breakdown maintenance and repairs. Any reactive work that achieves a high priority on the RAM is called through to the Engineering Service Desk for progression. These jobs are treated as schedule busters and are progressed accordingly. Records of all maintenance (planned and reactive) and calibration are retained on the SAP work management system. YW has developed processes to identify, respond to and control emergency situations that may cause adverse environmental consequences. Spill kits are readily accessible at locations where there is a risk of spillage (e.g. delivery, storage, and areas of use). Spill control toolbox talks are provided to staff. This includes information about how to prevent and control pollution incidents from accidental spills of oils, fuels, sludge, and chemicals.

Contingency plans help minimise potential environmental impacts; this includes emergencies arising from breakdowns, enforced shutdowns, abnormal circumstances such as flooding as well as major fire and spill/loss of containment events. The YW Business Continuity Plan is in place to define and prioritise critical business functions, details the immediate response requirements for a critical incident and details strategies and actions to be taken to ensure business continuity. All Bioresources sites have the capability of remote monitoring and remote operation of key functions.

Process monitoring is undertaken for all key processes on site. This includes monitoring of operational parameters of plant and equipment to ensure it is operating effectively and efficiently. YW maintains processes to ensure that all those working for or on behalf of YW are suitably trained to fulfil their roles efficiently.

Assessment of competence and identification of individual training needs is carried out through mutual discussion between the individual and their manager as part of the company performance management process, a fundamental part of which is the competency framework and progression plans which are available for every role in the organisation. All YW employees receive IMS awareness training, delivered online at induction and periodically thereafter. This includes awareness of the environmental policy and understanding key environmental hazards and risks and the need to comply with IMS requirements. Toolbox talks are used to provide information and training to site staff, including information about environmental requirements/activities and legislative and compliance requirements. Training records for programmes and courses managed centrally are held on the company Learning Management System. Records for specific training managed locally at site is held by individual managers and/or on the Learning Management System.

Communication plans are in place to communicate business performance based on the company's 'Big Goals', company objectives and performance commitments, aligned to the quality, safety, environmental and asset management requirements. The company intranet, called the Hive, provides regular news updates for YW personnel and holds a wide range of information that employees can access. Other key communication channels include regular corporate newsletters, business unit-specific newsletters, and update sessions and events held by senior business leaders. 'Safeguard' communications are used to issue notifications such as Safety Alerts, Toolbox Talks and Lessons Learned from incident investigations to personnel across the business.

YW has specific procedures in place for the management of contractors regarding health, safety and environmental requirements. This includes procedures to ensure contractors have the required skills and environmental competencies to carry out works at this site. Initially, contractors are assessed by the procurement department for inclusion on the approved supplier list, which includes health and safety and environmental criteria for example, waste documentation such as waste carrier's licence/training certificates. Even when the contractors are on the approved supplier list, they are still further assessed for each specific contracted activity. The contractor is required to submit a risk assessment method statement (RAMS) prior to any commencement of work, identifying how work is to be undertaken and the associated risks. The RAMS must be approved by the Site Manager or an assessor who is competent at reviewing a RAMS, who will also identify any site hazards and issue an Authorisation to Work/Enter the site, following a site induction. When on-site, the contractor must carry this Authorisation to Work at all times.

Yorkshire Water's IMS objectives are documented with the 'Big Goals' and 'Performance Commitments' which are available and communicated via the company intranet. Planning to achieve IMS objectives is monitored and reported internally (via Performance Zone) and externally (via the Annual Report).

The EMS is subject to a Senior Management Review twice a year to consider environmental performance, objectives and targets and continual improvement. The Innovations Team at YW undertakes regular monitoring and review of new and innovative technologies and equipment to ensure the business continually improves its operations and activities. This includes consideration of cleaner technologies and improved environmental performance. Sectoral and cross-section benchmarking also takes place as required.

Processes have been developed by YW to identify, respond to and control situations that may cause actual or potential non-conformities. Non-conformities may be identified through internal audits/inspections or may be detected through other means. Incidents are managed in accordance with the Incident Management policy and procedures and Emergency Planning manual. In the event of a significant incident a root cause analysis is conducted. Actions are identified, reported, recorded, and communicated to prevent reoccurrence.

Complaints are typically received by YW central Customer Services team, where all complaints are logged on the ICE system. Complaints relevant to site are passed on to the Site Manager for further investigation. The Site Manager is responsible for ensuring that any complaint is investigated and, if found to be justified, that work is undertaken to resolve the issue, including liaising with the relevant regulatory bodies where appropriate. The Customer Service Team ensure an appropriate response to the complainant in a timely manner including, if and as appropriate, detailing the reason behind the issue and the actions taken to resolve the matter. All complaints information is recorded on the ICE system in order that this can be monitored, reviewed, and analysed.

- YW operates an internal audit programme delivered by trained internal auditors or suitably qualified external consultants or contractors. This includes the following:
- IMS auditing/inspections undertaken by the IMS Team.
- Regular combined quality, health and safety and environmental inspections performed at all operational sites.
- Assurance and improvement programme to ensure the health, safety, environmental and technical compliance of contractors delivering capital schemes.
- Audits of contractors delivering repair and maintenance activities.

YW is also subject to regular audits by external auditors to ensure continuing adherence to ISO14001 requirements. A formal Management Review of YW's IMS is undertaken and recorded at least once a year. The purpose of these meetings is to ensure the IMS' continuing suitability, adequacy and effectiveness as well as to assess opportunities for improvement and the need for changes to the management system, including the policy and objectives.

4 Consultation

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

4a A sewer managed by a sewer undertaker?

No – site drainage is managed within the wider sewage works operated by the applicant.

4b A harbor managed by a harbor authority?

No.

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

No.

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.

4d2 - a policy document for preventing major accidents is needed under regulation 5 of the Control of Major Accident Hazards Regulations 1999, or a safety report is needed under regulation 7 of those regulations?

No.

5 Supporting information

5a Provide a plan or plans for the site

A site plan has been provided in Appendix A.

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

See 6. Environmental Risk Assessment.

5c Provide a non-technical summary of your application

See Non-Technical Summary.

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

No.

6 Environmental risk assessment

Geology and Aquifers

The bedrock geology is that of Chester Formation, consisting of sandstone, pebbly (gravelly). The superficial deposits are Till, Mid Pleistocene – Diamicton.

The bedrock is classed as a principal aquifer, and the superficial deposits as secondary (undifferentiated). The site and surrounding areas fall within Zone III – Outer Protection Zone.

Surface Water

To the north west of the site is the two split channels of the River Don at 210m and 270m. Beyond these are Bentley Ings, Arskey Ings Drain, and Fur Water at 400m, 520m, and 710m respectively. At 800m to the south east there is a Boating Lake contained within Sandall Park.

The Surrounding Area

The site is bordered by green space and allotments to the north west, occupying the space between the site and the River Don. To the south west and north east of the site is industrial space including a number of car dealerships, supermarkets, shopping centre and Doncaster Ambulance Station. The south east of the site is bordered by A30 Wheatley Hall Road, a dual carriageway beyond which industrial space continues.

There are no Sites of Special Scientific Interest (SSSI) or National Nature Reserves (NRN) within 1km of the Sandall Sewage Treatment Works. There are no railway stations within 1km of the site, however there are several bus stops on the surrounding roads.

The closest residential receptors are 100m east of the site, with further residential developments at 450m north east. These are significant residential areas within the areas of Wheatley Hills and Edenthorpe. There are no specific sporting complexes within 1km of the site, however Sandall park is 240m south east of the site containing a boating lake and playground, with aerial imagery also suggesting the park is used recreationally for football.

Kingfisher Primary school is approximately 1km south west of the site, with Bader Academy and Hungerhill School slightly over 1km to the north east.

Table 5-1. Potential receptors, distance and direction from Sandall Sewage Treatment Works

Site Name	Direction from site	Distance from site
River Don	North west	210m, 270m
Bentley Ings	North west	400m
Arksey Ings Drain	North west	520m
Fur Water	North west	710m
Principal and secondary (undifferentiated) aquifers	N/A	N/A
Industrial Area	North, South, East	35m, 40m, 50m
Doncaster Ambulance Station	North	35m
Residential Receptors	East, North east	100m, 450m
Recreational Grounds (including boating lake, playground and football pitches)	South east	240m
Schools	South west, North east	1km, 1km, 1km

Data taken from MAGIC.gov.uk website, accessed June 2021. For habitat sites, the relevant distance for consideration are: International designations (SAC, MPA, SPA and Ramsar - 10km); National designations (SSSI – 2km); Local nature reserves (LNR) and ancient woodlands (AW) (2km)

Site History

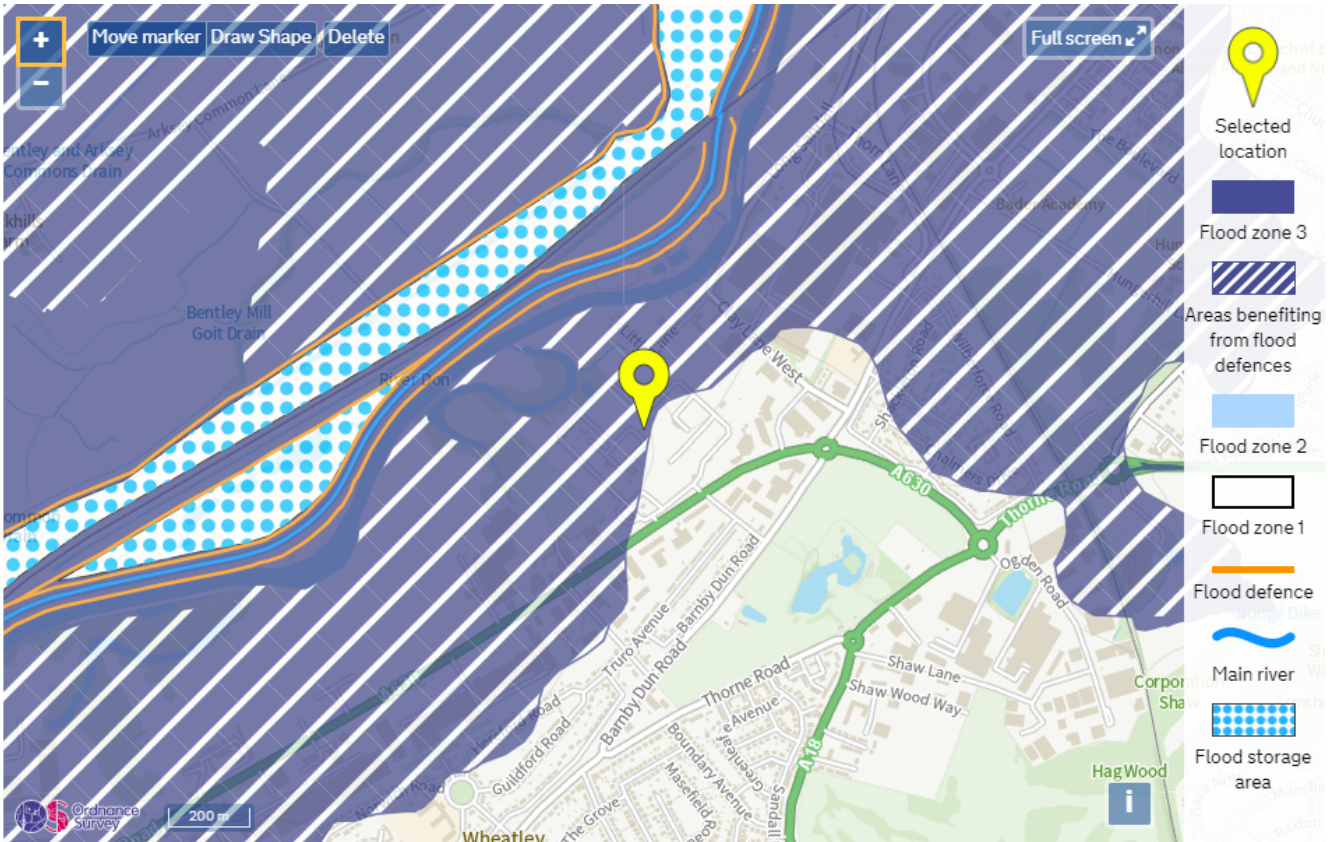
Historic mapping of the site, revised 1901 to 1904, identifies the site as 'Sewage Farm (Doncaster Corporation)'. No specific buildings or infrastructure are shown on this map, however this label implies the site has been utilised for sewage treatment for over a century.

Data taken from oldmapsonline.org, accessed June 2021.

Flooding

The North east half of the site lies within an area benefitting from flood defences owing to the flood defence lining the banks of the River Don. The other half of the site is not within a flood zone.

Figure 5.1. Flood risk map



Flood risk map taken from Gov.uk Flood Map for Planning, accessed June 2021.

An environmental risk assessment of the site changes has been carried out in line with the requirements of the Horizontal Guidance Note H1 and Guidance given on gov.uk. This guidance specifies the following approach to carrying out an environmental risk assessment for a proposed activity:

- Identify potential risks that your activity may present to the environment;
- Screen out those that are insignificant and don't need detailed assessment;
- Assess potentially significant risks in more detail if needed;
- Choose the right control measures, if needed; and
- Report your assessment.

Table 5-2. Environmental Risk Assessment

Consideration		Receptors	Discussion	Detailed Environmental Risk Assessment?	Additional Mitigation Required
Fugitive Emissions	Litter	Human health receptors: there are residential areas 100m east and 450m east. There are no SSSI; NNRs or LNRs within 1km of the site. The site is 210m from the River Don.	The facility does not produce waste which results in litter	No	N/A
	Vermin and Pests	For human health receptors, see notes for Litter above.	The waste produced does not typically attract pests and vermin and is well contained	No	N/A
	Dust	For human health receptors, see notes for Litter above.	The facility handles wet wastes which do not result in dusts	No	N/A
Point source emissions to air Emissions deposited from air to land		For human health receptors, see notes for Litter above.	There are no point source emissions to air from these activities	No	N/A
Point source and fugitive emissions to water		The River Don lies 210m north west of the site. The wider site drainage is returned to the head of the site for treatment. The whole site sits within Source Protection Zone III – Outer Protection Zone.	There are no point source or fugitive emissions to water associated with the permitted activities. Drainage within the works is directed to the 'head of the works' Discharges of treated effluent from the WwTW are not covered under the Waste Framework Directive and are not included in the works associated with this permit application. There is a risk to processes on site in the event that inappropriate effluent streams are introduced to the works causing inhibition of treatment processes	No	Waste pre-acceptance and acceptance checks for all incoming wastes to minimise the risk of unacceptable loads being delivered, impacting on the treatment processes on site
Odour		Onsite workers and contractors. For human health and ecological receptors, see notes for Litter above.	There is the potential for odorous effluent to be accepted at the site via tanker, however pre-acceptance checks should minimise this risk. Direct discharges into the 'head of the works'	Yes	Mitigations are summarised in the odour risk assessment (Table 5-5) Wider works covered by odour management plan

Consideration	Receptors	Discussion	Detailed Environmental Risk Assessment?	Additional Mitigation Required
		result in rapid mixing of effluent with the main works flow and dilution of any odour potential		
Noise and Vibration	Onsite workers and contractors. For human health and ecological receptors, see notes for Litter above.	The primary source of noise at the site is vehicular. All plant has been chosen to be low noise and white noise squawkers have been used in preference to beepers. There is no history of noise related complaints at the site.	No	N/A
Accidents	Onsite workers and contractors. For human health and ecological receptors, see notes for Litter above. Principal and Secondary (undifferentiated) Aquifers in bedrock and superficial deposits underlying the site.	There is potential for release of unauthorised waste or wastes of unknown composition into the treatment system, which could potentially lead to the treatment system not working correctly or requiring maintenance, as well as implications for sludge produced. There is potential for accidental spills and leaks of waste to the ground surface. This could lead to a potential risk to the sensitive aquifer and surface waters in the surrounding area.	Yes	The site has emergency plans and protocols within its EMS to reduce and minimise risk. Pre-acceptance and acceptance procedures within the management system are in place to minimise risk of accidental input of unauthorised waste. Mitigations are summarised in the environmental accident assessment and accident management plan (Table 5-6)
Waste compatibility	UWWTD derived flow within the works, the biological, chemical and physical processes within the WwTW and output quality (sludges and final effluent)	Yorkshire Water has a robust waste pre-acceptance and acceptance procedure, which is linked to both site access for tankers and also offloading point operation by means of key fob controlled loggers. All potential tankered effluents are subject to an assessment before permission to deposit is granted, with more detailed assessments being carried out on more complex or variable effluents.	No	N/A

Consideration	Receptors	Discussion	Detailed Environmental Risk Assessment?	Additional Mitigation Required
		Incoming loads are subject to monitoring, including periodic random sampling and testing to check for compliance. All offloading points equipped with appropriate hoses and coupling to reduce the risk of misconnections and spillages.		
Other Issues	N/A	There are no other site-specific risks identified	No	N/A

Climate change risk screening

Category	Screening Questions	Score
Timescales	Permit required until 2060 or beyond	5
Flooding	High risk of flooding from rivers or seas	5
Water Use	Water not required	0
Total Screening Score		10

Humber river basin district: climate change risk assessment worksheet

Name: Yorkshire Water

Our permit reference number (if you have one): Sandall WwTW

Your document reference number: Application support document

Risk assessment worksheet for the 2050s

Humber river basin district

You must carry out a climate change risk assessment for any new bespoke waste and installations permit applications if you expect to operate for more than 5 years. Use the [user guide](#) to complete the table. You can add in extra pages if necessary.

Consider how your operations will be affected by the changes in weather and climate described in the table. Consider any changes to average climate conditions that may impact on your operations, for example extreme rainfall.

Also consider:

- critical thresholds - where a 'tipping point' is reached, for example a specific temperature where site processes cannot operate safely
- changes to averages - for example an entire summer of higher than expected rainfall causing waterlogging
- where hazards may combine to cause more impacts

You can add in other climate variables if you wish.

If you have stated on your application form that you do not expect to be operational in 2050, you must still consider climate change risks for the time you do intend to operate. Whilst the variables are for the 2050s, this is an estimated date and you may experience these conditions before then.

This worksheet will sit in your management system. It must appear on the management system summary you submit with your application, even if you do not need to submit the whole risk assessment with your application.

If your pre-mitigation risk score (column D) is 5 or higher, you must complete columns E to H.

Potential changing climate variable	A Impact	B Likelihood	C Severity	D Risk (B x C)	E Mitigation (what will you do to mitigate this risk)	F Likelihood (after mitigation)	G Severity (after mitigation)	H Residual risk (F x G)
1. Summer daily maximum temperature may be around 6°C higher compared to average summer temperatures now.	6	4	4	16	Risk of increased odour from sewage processes. OCU's utilised as appropriate. May need to remove rag and screening skips more often	2	2	4
2. Winter daily maximum temperature could be 4°C more than the current average, with the potential for more extreme temperatures, both warmer and colder than present.	2	2	4	8	Risk of increased odour from sewage processes. OCU's utilised as appropriate. Extreme cold may reduce biological processes efficiency	2	2	4

Potential changing climate variable	A Impact	B Likelihood	C Severity	D Risk (B x C)	E Mitigation (what will you do to mitigate this risk)	F Likelihood (after mitigation)	G Severity (after mitigation)	H Residual risk (F x G)
3. The biggest rainfall events are up to 20% more intense than current extremes (peak rainfall intensity)*.	2	2	2	4	Works design basis may be exceeded. However, this would apply to UWWTD operations at the site rather than permitted activities. Potential for additional flood defences to be required.	1	1	1
4. Average winter rainfall may increase by 29% on today's averages.	2	4	4	16	Rainfall would increase strain on site drainage and increase flows at the inlet. However, volume could be handled by the UWWTD works with potential increased storm flow retention so no impact.	2	4	8
5. Sea level could be as much as 0.6m higher compared to today's level *.	1	1	1	1	The site sits within flood zone 1	1	1	1
6. Drier summers, potentially up to 34% less rain than now.	1	1	1	1	May reduce total flow through the UWWTD, but should not impact on permitted activities.	1	1	1
7. At its peak, the flow in watercourses could be 30% more than now, and at its lowest it could be 65% less than now.	1	1	1	1	Potential for additional flood defences to be required. No impact on permitted activities.	1	1	1

*Indicates data has come from climate change allowances as part of the spatial planning process. Evidence from your planning submission is acceptable evidence for this worksheet.

5.3 Form B4 Additional Information

1 What waste operations are you applying for?

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

Table 5-3 Waste Operations

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	Non-hazardous waste treatment capacity
Sandall Waste water Treatment Works	Physico-chemical treatment of non-hazardous waste: deposit of imported non-hazardous waste for treatment through a wastewater treatment works.	D 9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12	None	1,000,000 tonnes
	Physico-chemical treatment of non-hazardous waste: deposit of imported non-hazardous waste in a storage tank prior to treatment through a wastewater treatment works.	D13: Blending or mixing prior to submission to any of the operations numbered D1 to D14.		
		D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)		

1b- Types of waste accepted and restrictions

The following table sets out the EWC codes to be included within the LoW.

It should be noted that no hazardous waste codes are proposed for acceptance at the site.

Table 5-4 Waste Acceptance

Waste Code	Description
01	Wastes resulting from exploration, Mining, Quarrying, Physical and Chemical treatment of Minerals
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06

02	Waste from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 01	sludges from washing and cleaning – food processing waste, food washing waste
02 01 06	animal faeces, urine and manure including spoiled straw
02 02	wastes from the preparation and processing of meat. Fish and other foods of animal origin
02 02 01	sludges from washing and cleaning
02 02 02	animal tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 02 99	sludges from gelatine production, animal gut contents
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, teas and tobacco preparation and processing, conserve production, yeast and yeast extraction production, molasses preparation and fermentation
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials

02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard
03 03	wastes from pulp, paper and cardboard production and processing
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre, filler and coating sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	Wastes from the Leather, Fur and Textile Industries
04 01	wastes from the leather and fur industry
04 01 01	fleshings and lime split wastes
04 01 05	tanning liquor free of chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 10	organic matter from natural products, e.g. grease, wax
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 22	Wastes from processed textile fibres
05	Wastes from the Petroleum Refining, Natural Gas Purification and Pyrolytic Treatment of Coal
05 01	wastes from petroleum refining
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 17	Other chemical wastes, bitumen
06	Wastes from Inorganic Chemical Processes
06 03	wastes from the manufacture, formulation, supply and use (MFSU) of salts and their solutions and metallic oxides
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment other than those mentioned on 06 05 02

06 06	Wastes from inorganic chemical processes
06 06 03	Solid salts and solutions containing heavy metals
07	Wastes from Organic Chemical Processes
07 01	wastes from the MFSU of basic organic chemicals
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	wastes from the MFSU of plastics, synthetic rubber and manmade fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned on 07 02 11
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	wastes containing silicones other than those mentioned in 07 02 16
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05	wastes from the MFSU of pharmaceuticals
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
08	Wastes from the MFSU of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, Sealants and Printing Inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 01 99	wastes not otherwise specified
08 02	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 02 01	Waste coating powders
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink

08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
10	Waste from Thermal Processes
10 01	Wastes from thermal processes
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 12	wastes from cooling water treatment other than those mentioned in 10 02 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 10	wastes from casting of non-ferrous pieces
10 10 14	waste binders other than those mentioned in 10 10 13
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 13	sludge from on-site effluent treatment
11	Wastes from Chemical Surface Treatment and Coating of Metals and Other Materials, Non-Ferrous HydroMetallurgy
11 01	wastes from chemical surface treatment and coating of metals and other materials (e.g. galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
16	Wastes Not Otherwise Specified in the List
16 01	end of life vehicles from different means of transport (including off road machinery) and wastes from dismantling of end of life vehicles and vehicle maintenance (except 13, 14 606 and 16 08)
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 03	off-specification batches and unused products
16 03 06	organic wastes other than those mentioned in 16 03 05
16 05	gases in pressure containers and discarded chemicals
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 99	wastes not otherwise specified – Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment
16 10	aqueous liquid wastes destined for off-site treatment
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01 (footnote 1)

16 10 04	aqueous concentrates other than those mentioned in 16 10 03
19	Wastes from Waste Management Facilities, Off-Site Waste Water Treatment Plants and the Preparation of Water for Human Consumption and Water for Industrial Use
19 01	wastes from incineration or pyrolysis of waste
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 02	wastes from physico/chemical treatment of waste (including dechromatation, decyanidation, neutralisation)
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 05	wastes from aerobic treatment of solid wastes
19 05 03	Off-specification compost
19 06	wastes from anaerobic treatment of waste
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 07	landfill leachate
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	Screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 06	solutions and sludges from regeneration of ion exchangers
19 12	wastes from the mechanical treatment of waste (e.g. sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned on 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

20	Municipal Wastes (Household Waste and Similar Commercial, Industrial and Institutional Wastes) Including Separately Collected Fractions
20 01	separately collected fraction (except 15 01)
20 01 25	edible oil and fat
20 01 30	detergents other than those mentioned in 20 01 29
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 99	cesspool waste and other sewage sludge only

Footnote 1

16 10	aqueous liquid wastes destined for off-site treatment
16 10 02	<p>aqueous liquid wastes other than those mentioned in 16 10 01:</p> <ul style="list-style-type: none"> • sludge from production of edible fats and oils, seasoning residues, molasses residues, residues from production of potato, corn or rice starch only, not containing substances at levels that will inhibit biological treatment • chemical toilet and portaloo wastes • waste effluents from the baking and confectionery industry, sludges from cleaning, flushing of equipment. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • aqueous process waters and washwaters from the leather, fur and textile industries; not containing substances at levels that will inhibit biological treatment • aqueous effluents from purification of petroleum products, including brine solutions • waste effluents/liquors/centrates from the refinement of lime products • wastes effluents/liquors from the MFSU of fertilisers including lagoon leachate, effluent and run-off; not containing substances at levels that will inhibit biological treatment • waste biodegradable liquors/effluents from MFSU of basic organic chemicals. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • biodegradable effluent/liquors from the MFSU of pharmaceuticals. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • biodegradable effluent/liquors from the MFSU of detergents, disinfectants and cosmetics. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • waste effluents, liquors, sludges from the MFSU of fine chemicals and chemical products not otherwise specified. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • waste effluents, liquors arising from the washing, rinsing of material from the steel and iron industry. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • waste waters/effluents from the cleaning and pressure testing of storage tanks and barrels. Washwaters not containing substances at levels that will inhibit biological treatment • liquor/leachate from an aerobic composting process that accepts municipal, animal and vegetable wastes • run-off liquors, leachates that arise from the aerobic treatment of municipal, vegetable waste types.

	<ul style="list-style-type: none"> • centrate liquor from waste water treatment only. Aqueous process waters and washwaters not containing substances at levels that will inhibit biological treatment • cesspool waste
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1c Deposit for recovery purposes

Are you applying for a waste recovery activity involving the permanent deposit on waste on land for construction or land reclamation?

No.

2 Point source emissions to air, water and land

Not Applicable as there are no point source emissions to air, surface or ground water or land from the permitted activity.

3 Operating techniques

3a Technical standards

Description of waste operation	Appropriate measure (TGN reference)	Document reference
Physico-chemical treatment of non-hazardous waste: deposit of imported non-hazardous waste for treatment through a wastewater treatment works.	Control and monitor emissions for your environmental permit	https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit
	H4 Odour Management – how to comply with your environmental permit	Published April 2011
	Sector Guidance Note S5.06: recovery and disposal of hazardous and non-hazardous waste	Published 13th May 2013, revised 10th October 2018

3b General requirements

Table 5-5 Odour Risk Assessment

What harm can be caused and who can be harmed			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains?
Tanker off-loading points	Residential and commercial properties, hospitals, schools, amenities such as parkland and footpaths	Air dispersion	Where odorous material is received at the site it is either discharged in the head of works directly into the main works or placed within the holding tanks and diluted. Pre-acceptance procedure for screening out highly odorous effluent.	Fairly probable	Nuisance issue to local populace and users of amenities	Moderate
Head of the works	Residential and commercial properties, hospitals, schools, amenities such as parkland and footpaths	Air dispersion	Pre-acceptance procedure for screening out highly odorous effluent.	Fairly probable	Nuisance issue to local populace and users of amenities	Moderate
Waste storage areas	Residential and commercial properties, hospitals, schools, amenities such as parkland and footpaths	Air dispersion	Effluent stored within the holding tanks pending primary treatment is predominantly low odour, where highly odorous material is accepted at the site and placed within the holding tanks it will be diluted.	Unlikely	Nuisance issue to local populace and users of amenities	Very Low

Table 5-6 Environmental Accident Assessment and Accident Management Plan

What harm can be caused and who can be harmed			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains?
Major fire / explosion	Local population. Ecological receptors	Windblown dispersion.	Fire alarm systems installed and maintained. Electric temperature sensor, flame arrestors, etc. Follow site Incident Response Plan and inform relevant authorities	Very unlikely	Severe	Acceptable
Minor fire / explosion	Local population. Ecological receptors	Windblown dispersion.	See above for major fire	Unlikely	Significant	Acceptable
Failure to contain firewater	Local water courses. Ground and groundwater	Surface water drainage system. Diffusion into ground.	Fire prevention measures as above. Drainage of wider wastewater treatment works contained and directed to the head of the works. Follow site Incident Response Plan and inform relevant authorities	Unlikely	Significant	Acceptable
Vandalism	Local population. Ecological receptors. Local water courses. Ground and groundwater	Windblown dispersion. Surface water drainage system. Diffusion into ground.	Site security measures are in place including perimeter fence with controlled access gates. Regular inspection of perimeter fences. Address any specific equipment damage. Reinstate and review security measures.	Somewhat unlikely	Noticeable	Acceptable
Deposit of unsuitable effluent	Ecological receptors and local water courses	Impact on wider WwTW and final effluent quality	All effluents subject to robust pre-acceptance and acceptance checks Pre-acceptance checks increased on more variable effluents Interlocking between key logger issued to authorised contractors and offloading point to prevent unauthorised deposits Deposits subject to random acceptance checks	Unlikely	Significant	Acceptable

What harm can be caused and who can be harmed			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains?
Misconnection of tanker offloading hoses	Local population. Ecological receptors. Local water courses. Ground and groundwater	Overtopping of tanks	Dedicated hoses on off-loading points. Pre-acceptance and acceptance testing of all third-party waste imports	Somewhat unlikely	Significant	Acceptable
Flooding from rivers / stream / canal / groundwater etc	Local water courses. Ground and groundwater	Surface water drainage system. Diffusion into ground.	The site is located in a flood zone 1 Follow site Incident Response Plan and inform relevant authorities. Take appropriate corrective and preventative actions to minimise environmental impact	Very unlikely	Significant	Insignificant
Flooding due to drain blockages and/or excessive rainfall causing localised on site surface water flooding	Local water courses. Ground and groundwater	Surface water drainage system. Diffusion into ground.	Regular infrastructure and housekeeping inspections including visual inspection of drains and hard standing. Follow site Incident Response Plan and inform relevant authorities. Take appropriate corrective and preventative actions to minimise environmental impact	Somewhat unlikely	Noticeable	Acceptable
Generalised or localised power failure leading failure of pumps / control systems and possible leaks and escape of sludge	Local water courses. Ground and groundwater	Surface water drainage system. Diffusion into ground.	Back-up power / contingencies plans are in place to provide power to critical operations in the event of an electrical outage	Fairly probably	Minor	Insignificant

What harm can be caused and who can be harmed			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains?
Fuel / oil spills during tanker refilling / handling operations	Local water courses. Ground and groundwater.	Surface water drainage system. Diffusion into ground.	Invoke spill containment procedures. Clean up according to COSHH data sheets and appropriate disposal arrangements. Isolate affected pipework \ sources Drainage of wider sewage treatment works contained and directed to the head of the works. Follow site Incident Response Plan and inform relevant authorities	Somewhat unlikely	Noticeable	Acceptable
Failure of fuel / oil containment	Local water courses. Ground and groundwater.	Surface water drainage system. Diffusion into ground.	Regular inspection of containment. Clean up spillage and transfer waste into appropriate containment for recovery or disposal. Provision of containment via bunded storage tanks. Drainage of wider sewage treatment works contained and directed to the head of the works. Follow site Incident Response Plan and inform relevant authorities	Unlikely	Significant	Acceptable
Pump / bearing failure leading to excessive noise	Local population	Air	Planned preventive maintenance system in place. Complaints handling and response system in place	Somewhat unlikely	Noticeable	Acceptable
Failure (cracks, splitting) of underground pipework (e.g. fuel, chemicals, sludge, site drains)	Ground and groundwater	Infiltration / percolation through ground	Planned maintenance systems in place In-line flow monitoring in key locations and tank level monitoring would identify losses	Somewhat unlikely	Significant	Acceptable

Table 5-7 Ranking Matrix for Risk Assessment

"S" Severity of environmental impact		"L" Likelihood of event	
1. Minor	Nuisance onsite only (no off-site effects) No outside complaint	1. Extremely unlikely	Incident occurs less than once in a million years
2. Noticeable	Noticeable nuisance offsite, e.g. discernible odours Minor breach of Permitted emissions, but environmental harm One or two complaints from the public	2. Very unlikely	Incident occurs between once per million and once every 10,000 years
3. Significant	Severe and sustained nuisance, e.g. strong offensive odour or noise disturbance Major breach of Permitted emissions with possibility of prosecution Numerous public complaints	3. Unlikely	Incident occurs between once per 10,000 years and once every 100 years
4. Severe	Hospital treatment required Public warning & off-site emergency plan invoked Hazardous substance releases into water course with ½-mile effect.	4. Somewhat unlikely	Incident occurs between once per hundred and once every 10 years
5. Major	Evacuation of local populace Temporary disabling and hospitalisation Serious toxic effect on beneficial or protected species Widespread but not persistent damage to land Significant fish kill over 5 mile range	5. Fairly probable	Incident occurs between once per 10 years and once per year
6. Catastrophic	Major airborne release with serious offsite effects Site shutdown Serious contamination of groundwater or watercourse with extensive loss of aquatic life	6. Probable	Incident occurs at least once per year

Table 5-8 Overall Assessment of Risk

Likelihood of Event	Severity of Environmental Impact					
	Minor	Noticeable	Significant	Severe	Major	Catastrophic
	1	2	3	4	5	6

Extremely Unlikely	1	1	2	3	4	5	6
Very Unlikely	2	2	4	6	8	10	12
Unlikely	3	3	6	9	12	15	18
Somewhat Unlikely	4	4	8	12	16	20	24
Fairly Probably	5	5	10	15	20	25	30
Probable	6	6	12	18	24	30	36

Table 5-9 Overall Assessment of Scores and Interpretation

Risk Score	Magnitude of Risk	Consideration
6 or less	Insignificant	Low or negligible levels of risk, low or negligible impacts. Adherence to good operational practices will adequately control these risks
8 – 12	Acceptable	Lower level of possible impact, but major severity or high likelihood would require consideration of actions to reduce risk
15 – 20	Unacceptable	Combination of high likelihood or major impact would require further assessment and possible actions to reduce risk
24 or more	Severe	Immediate resolution required

4 Monitoring

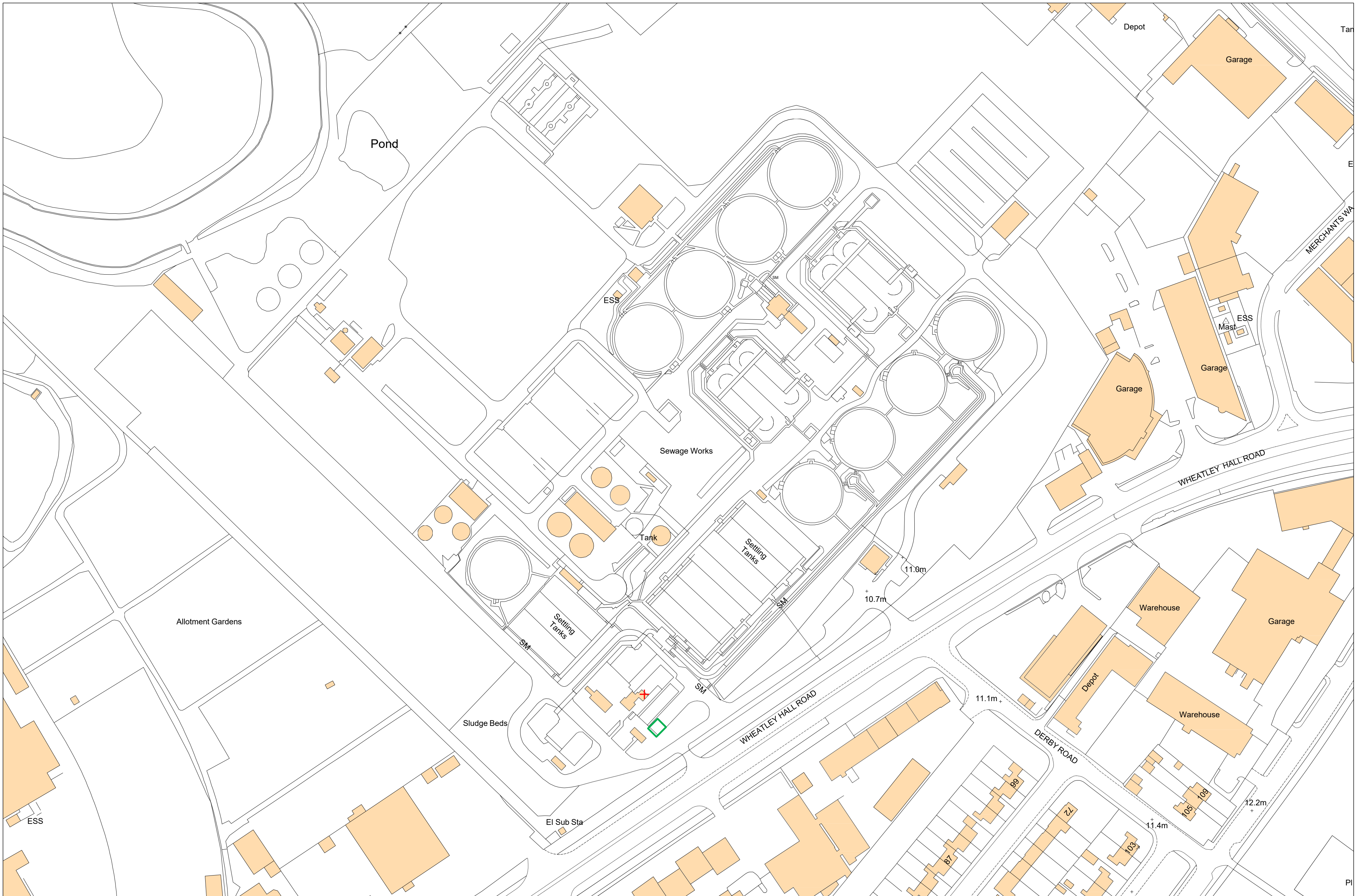
4a Describe the measures you use for monitoring emissions by referring to each emission point in Table 2 above.

No monitoring for emissions is proposed.

4b point source emissions to air only

No monitoring for emissions is proposed.

Appendix A. Site Plans



Date Requested : 23/04/2021, 09:15:49
 Date Generated : 23/04/2021, 09:15:57
 Scale : 1:1250
 The position and depth of any YW apparatus shown on this map are approximate only.
 UPN: Undefined

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Appendix B. EMS ISO140001 Certificate

Appendix C. WAMITAB



Continuing Competence Certificate

This certificate confirms that

Kevin Spink

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 29/01/2021

TSNH Transfer - Non Hazardous Waste
TMNH Treatment - Non Hazardous Waste

Expiry Date:
29/01/2023

Verification date: 20/01/2021

Authorised:

Learner ID: 28071

Certificate No.: 5173956

Date of Issue: 29/01/2021

A handwritten signature in blue ink, appearing to read "A. Hockley".

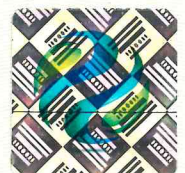
Director of Qualifications and Standards

A handwritten signature in blue ink, appearing to read "D. Owen".

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



00164036

Appendix D. Current Waste Pre-acceptance and Acceptance Procedures

Waste Pre-acceptance checks

Aim

This document aims to detail a methodology for the assessment of waste enquiries for delivery to YW sites for treatment through the full works flow. It classifies enquiries as either low risk or higher risk, based on their composition, origin and other factors, and puts in place a framework for their assessment, including the required level of sign off.

Audience

This document is aimed at members of the commercial and operations teams who receive waste enquiries and the tanker trade waste team responsible for agreeing imports.

Scope

As an operator of waste water treatment works, Yorkshire Water are approached by a range of organisations with liquid and / or easily pumpable sludges, who wish to transport these wastes to a suitable permitted waste water works by tanker, for them to be treated within the main flow.

Exclusions

This procedure does not apply to inter or intra company transfers from other waste water treatment works.

Yorkshire Water does not accept hazardous wastes. Any such enquiries should be rejected.

This procedure does not apply to enquiries relating to the delivery of wastes directly for anaerobic digestion. At present, Yorkshire Water does not hold suitable permits for such imports.

Definitions

This document refers to two types of waste which may be enquired about:

Low risk wastes are those which are well understood and although individual loads may be variable, the framework of typical value is understood. This classification will apply to sewage and sewage derived wastes (e.g. cess pit, chemical toilet, septic tank wastes); landfill leachates from landfills classified as either inert or non-hazardous, where there is a range of data available on leachate composition; liquids from the food and drink industry relating to off-spec inputs or process washings.

Higher risk wastes are those where the waste is less understood or has the potential to be more variable. Generally, it will apply to all wastes not classified as low risk. Some producers or carriers may be classified as higher risk due to compliance or commercial concerns.

Procedure

All waste pre-acceptance enquiries will require the enquirer to complete the waste pre-acceptance form, and for non-sewage derived wastes, provide a representative sample of the proposed waste stream.

Upon receipt of an enquiry, it should be logged and assigned to a member of the tanker trade waste team for assessment, including determination of the completeness of the application.

All enquiries are deemed to have sufficient information to assess, if they include the following:

- Producer name (originating site, not haulier name)
- Waste description

- Process giving rise to waste
- SIC code giving rise to waste
- EWC code
- Nature of producers business
- Haulier (if appropriate)
- Preferred delivery sites
- Tanker volume, frequency and variability
- Key chemical parameters

Assessment may continue prior to receipt of all information, but no acceptance can be granted until all relevant information is provided. If data is missing, including the provision of a suitable sample, the customer should be contacted within 2 working days. If data has not arrived within 10 working days, the case should be closed.

Initial screening should be undertaken to ensure that the proposed EWC code is correct based on the provided data and the description and that the code is on the list of permitted wastes. The proposed site should be screened to ensure it is permitted.

Analysis of the waste stream sample should be undertaken. This sample may either be provided by the producer, or from a Yorkshire Water sampling visit.

The sample should be subject to appropriate testing prior to acceptance:

All samples should be sampled for COD; ammonia; metals; pH; suspended solids and BOD.

For higher risk wastes, additional testing should be carried out dependent upon the provided data and the nature of the process giving rise to the waste. Specification of the testing should be agreed with the technical team, but may include biological inhibition testing as well as additional chemical parameters.

Where the customer provides analytical data, which must be from an accredited laboratory, for the assessment of their waste stream, a sample must be scheduled from the first delivered load.

The customers preferred site should be checked for any site specific input restrictions with regard to COD and ammonia, along with any proposed alternative sites.

Where the waste stream is a lower risk waste stream, a decision can be made by the commercial team manager as to the acceptance of the waste, subject to agreement from the commercial team.

Where a higher risk waste stream is requested, this will approval from the technical team, and potentially the technical manager depending on the nature of the waste stream.

Any queries or clarifications raised with regard to a waste enquiry must be recorded and retained.

Once an enquiry has been agreed, a sampling regime should be set for the waste stream, based around operational experience, variability of the waste stream and frequency of delivery. Higher risk waste streams should be sampled more often. The regime should be relayed to both operations staff at the site and the technical team. The commercial team should be informed of a new customer or waste stream.

The customer should be informed of the outcome. Where the waste stream is to be accepted, the customer should be issued with a written agreement of their movement, including site procedures for delivery and a keyfob / code for the logger. A site induction should be arranged for the customer and their driver prior to the first delivery.

Validity

All waste streams should be subject to reassessment every 3 years, or 6 months from the last delivery, whichever is sooner. If the waste stream is low risk, then renewal should be automatic unless there are concerns raised by the commercial team or operations.

Where waste streams are higher risk, sampling data from the previous deliveries should be assessed to determine variability from the original assessment. The technical team may need to recheck permission in the event that sampling shows the waste is more variable than expected. Prior to reauthorisation, confirmation should be sought from operations and the commercial team that there are no outstanding issues.

Timescales

Low risk enquiries should be determined within 2 working days of the receipt of the minimum information required.

Higher risk waste enquiries should be determined within 20 working days of the receipt of the minimum information required.

Emergency Loads

Where an enquiry is received relating to a request for emergency permission to deposit tanker wastes, these must be directed to the tanker trade wate manager or their nominated deputy for approval, where the emergency is genuine (e.g. flooding related; major spillage; road traffic accidents; failure of customer infrastructure).

Waste Acceptance

All deliveries should be booked in for the day of delivery.

Prior to visiting site the driver must complete the YW online site induction and wear the correct YW compliant site PPE

Upon arrival at site, the customers driver will visit the waste import facility, couple up and log on.

The driver will call the YW controller and confirm booking and arrival on site. The controller should check that the delivery has been booked in for the appropriate day, and that the booking matches the waste transfer note or documentation presented by the driver. If the driver or load have not been booked in, the non-conforming load procedure should be followed.

The following detail should be checked for completeness prior to allowing any deposit. The operator should ensure that the following information is complete and accurate on the form and or booking.

- Delivery organisation and full name of driver
- Address of delivery organisation (if third party)
- Waste carriers registration number
- Originating location and contact there
- EWC code
- Waste description and SIC code
- Total volume
- Delivery address
- Date

If data is missing, it is the drivers responsibility to find the missing information

CCTV coverage

All the offloading is to be supervised remotely, the booking should still be checked as being pre-booked load. The sample should be observed being taken by the driver, who should hold it up to the camera for a visual check. Provide the visual check is acceptable and the transfer note is appropriate, then the offloading may be allowed to proceed, by controller approval.

All samples will be left at the Import facilities sample storage point and collected and analysed in line with YW imported waste sampling policy. If approved for discharge the drivers log on to the system and begin discharge, All Loggers are fitted with PH probes and are restricted to PH 4- PH10

If the pH of the discharge is outside of the accepted YWS parameters (4pH – 10pH), a local alarm will be triggered (siren and flashing beacon) and the WaSP Logger Screen display details of the pH alarm. If this occurs, then the driver must end the transaction immediately as the actuated valve will shut after 20 seconds of warning.

In the event of a pH alarm and the transaction ending, the driver should contact Yorkshire Water for assistance and advise on safe disposal of the load.

Any occurrence of pH alarm's & follow up response will be recorded by YWS.