

Application for an environmental permit

Part A – About you



You will need to complete this part of the application form if you are applying:

- for a new permit
- to vary (change) an existing permit
- to surrender your permit
- to transfer an existing permit to yourself

Visit our website to check this is the latest version of the form: <https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-a-about-you>.

Please read through the form before completing it. We expect it will take less than 1 hour to complete if you have all the necessary information available.

The form can be:

1. Saved onto a computer and then filled in.

We recommend you use an Adobe Acrobat product to complete the form. You may not be able to complete the form using different software, such as a PDF reader built into your internet browser.

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

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

Section 1: About you

About you

Tick the box that describes you as the applicant.

- An individual. Now go to **section 2**.
- A group of individuals. Now go to **section 3**.
- A public body or public corporation. Now go to **section 4**.
- A government department. Now go to **section 5**.
- A registered company, limited liability partnerships or other incorporated body. Now go to **section 6**.

To apply, you must be the legal operator of the activity or facility. See: <https://www.gov.uk/guidance/legal-operator-and-competence-requirements-environmental-permits#what-a-legal-operator-is>

Section 2: Applications from an individual

2.1 Name of applicant

Title (optional)

First name

Last name

2.2 Address of applicant

Address

Postcode

Use a business address where possible. Otherwise use a personal address. Individuals based overseas must provide an address for service in the UK.

Now go to **section 7: Contact details**

Section 3: Applications from groups of individuals

Examples of groups of individuals include:

- individuals acting jointly
- individuals that are partners in a general or limited partnership (but not a limited liability partnership)
- unincorporated charities, trusts and associations, (unless recognised as a legal person)

3.1 Trading or organisation name (if any)

Note: we can only issue and transfer permits to named individuals and not to trading or organisation names

3.2 Organisation type

For example, individuals acting jointly (e.g. a club), general partnership, unincorporated charity

3.3 Charity Commission registration number (if any)

Some individuals or groups of individuals with recognised charitable status are entitled to reduced permit fees for certain water discharge activities. We need the Charity Commission registration number to check if this applies to this application.

3.3 Companies House or Limited Liability Partnership number

3.4 Names and addresses of individuals

Provide the names and addresses of all individuals acting jointly, or in a general or limited partnership. Enter the name and address of the first individual. Provide a continuation sheet for all remaining individuals.

For corporate partners in a general or limited partnership, provide the company name and registration number on the continuation sheet.

For unincorporated trusts, charities and associations, provide the name and address of the nominated representative who will hold the permit in the organisation's name and all individuals that form the governing body, for example trustees. Use a continuation sheet as necessary.

Section 3: Applications from groups of individuals, continued

3.4a Name of first individual

Title (optional)

First name

Last name

3.4b Address of first individual

Address

Postcode

Use a business address where possible. Otherwise use a personal address. Individuals based overseas must provide an address for service in the UK.

3.4c Continuation sheet

Document reference of continuation sheet (if any):

Now go to [section 7: Contact details](#)

Section 4: Applications from public bodies or public corporations

4.1 Name of public body or corporation

4.2 Type of public body or corporation

For example, local government body, executive agency, non-departmental public body

4.3 Charity Commission number (if any)

Section 4: Applications from public bodies or public corporations, continued

4.4 Address of public body or corporation

Address

Postcode

Now go to [section 7: Contact details](#)

Section 5: Applications from government departments

5.1 Title of Secretary of State for relevant department

Title

For example, Secretary of State for Environment, Food and Rural Affairs

5.2 Address of the government department

Address

Postcode

Now go to [section 7: Contact details](#)

Section 6: Applications from registered companies, limited liability partnerships and other corporate bodies

6.1 Name of company, limited liability partnership or other incorporated body

4Recycling Ltd

6.2 Type of incorporated body

Limited Company

For example, private limited company, public limited company, limited liability partnership, incorporated society, charitable incorporated organisation or community interest company

6.3 Companies House registration number (if any)

05747690

6.4 Charity Commission number (if any)

6.5 Additional information if not registered with Companies House or The Charity Commission

If you are not registered with Companies House or The Charity Commission, supply:

- evidence that your company or corporate body is a legal entity
- a description of how you will be the legal operator if you are an overseas company without a UK presence.

This does not apply to variations or surrender applications.

Document reference for evidence/description:

Evidence of legal entity could, for example, include:

- a copy of your Certificate of Incorporation for companies.
- a copy of your Memorandum and Articles of Association for incorporated charities and trusts

Section 6: Applications from registered companies, limited liability partnerships and other corporate bodies, continued

6.6 Principal address or Registered Office of registered company, limited liability partnership or other incorporated body

Address

Control House, A1 Business Park, Knottingley Road, Knottingley

Postcode

WF11 0BU

For registered companies and limited liability partnerships this is the office address registered with Companies House. For other incorporated bodies use your principal business address or the address registered with The Charity Commission.

6.7 Main business address of registered company, limited liability partnerships or other incorporated body

Address

Control House, A1 Business Park, Knottingley Road, Knottingley

Postcode

WF11 0BU

Your main UK business address is required only if your principal or registered office address is overseas.

Now go to **section 7: Contact details**

Section 7: Contact details

7.1 Application contact

Provide the details of someone we can contact about your application. The person must have the authority to act on your behalf.

Title (optional)

Ms

First name

Dawn

Last name

Loos

Position

Lead Environmental Consultant

Address

Control House, A1 Business Park, Knottingley Road, Knottingley

Postcode

WF11 0BU

Phone number

07508322259

Email

dawn.loos@4r- group.co.uk/ info@4r- group.co.uk

Tick if you would like all general communication about this application sent to the above email address.

7.2 Contact for receipt of official documents

This question does not apply to applications from individuals acting jointly

Provide the details of someone we can send official documents to, such as notices and copies of permits. For companies this must be a company secretary, clerk or a director.

For partnerships, this must be a person with control or management of the partnership.

Tick if the contact is the same as in question 7.1 (application contact). Otherwise complete the details below.

Section 7: Contact details, continued

Title (optional)

Mr

First name

Paul

Last name

Whyatt

Position

Technical Director

Email

paul.whyatt@4r- group.co.uk

Telephone number

07958418494

7.3 Operational contact

This is optional for variations and surrenders. We use this information to help us know who to contact about operations at the site, returns and reporting.

- Contact details are the same as question 7.1 (application contact)
- Contact details are the same as question 7.2 (contact for receipt of official documents)

Otherwise complete the details below.

Title (optional)

Mr

First name

Bradley

Last name

Smith

Address

Control House, A1 Business Park, Knottingley Road, Knottingley

Postcode

WF11 0BU

Phone number

07852347397

Section 7: Contact details, continued

Email

bradley.smith@4r- group.co.uk

7.4 Billing contact

Provide a billing contact where we can send invoices, such as the annual subsistence charge

- Contact details are the same as question 7.1 (application contact)
- Contact details are the same as question 7.2 (contact for receipt of official documents)
- Contact details are the same as question 7.3 (operational contact)

Otherwise complete the details below.

Title (optional)

Mrs

First name

Lorna

Last name

Hobbs

Position

Office Manager

Address

Control House, A1 Business Park, Knottingley Road, Knottingley

Postcode

WF11 0BU

Phone number

07824323318

Email

lorna.hobb@4r- group.co.uk

Now fill in Appendix 1 if you are applying for a new permit or transferring a permit for an installation or waste activity.

This does not apply to applications from public bodies, statutory corporations or government departments.

Section 8: How to contact us

If you have difficulty 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.

Section 9: Where to send your application

Send one electronic copy of your completed application via email to:

- PSC-WaterQuality@environment-agency.gov.uk for water discharge activities
- PSC@environment-agency.gov.uk for waste or installation activities
- flood.permitting@environment-agency.gov.uk for flood risk activities

Alternatively send one paper copy of your application to:

Integrated Permitting Services
Environment Agency
Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield
S9 4WF

Section 10: Feedback

We want to make our forms easy to fill in and easy to understand. Please use the space below to give us any comments that you may have about this form. (You don't have to answer this part of the form, but it will help us improve our forms if you do.)

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

We will use your feedback to improve our form. Would you like a reply to your feedback?

- Yes please
- No thank you

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

This appendix applies to installation and waste operation activities. Only complete if you are applying for a new permit or to transfer an existing one. This does not apply to applications from public bodies, public corporations and government departments

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

1 Are you applying as an individual; group of individuals; or a registered company, Limited liability partnership or other incorporated body?

- An individual. Now go to 2.
- A group of individuals. Now go to 3.
- A registered company, limited liability partnership or other incorporated body. Now go to 4.

2 Applications from an individual

Title (optional)

First name

Last name

Date of birth (DD/MM/YY)

3 Applications from a group of individuals

Provide the names and dates of birth of all individuals acting jointly, or in a general or limited partnership.

For unincorporated trusts, charities and associations provide the name and date of birth of all individuals that are part of the group's controlling or guiding mind. For example:

- trustees
- chairperson
- treasurer
- secretary
- or a person with a similar position

Provide a continuation sheet where necessary.

First individual

Title (optional)

First name

Last name

Date of birth (DD/MM/YY)

Second individual

Title (optional)

First name

Last name

Date of birth (DD/MM/YY)

Third individual

Title (optional)

First name

Last name

Date of birth (DD/MM/YY)

Fourth individual

Title (optional)

First name

Last name

Date of birth (DD/MM/YY)

Continuation sheet for additional individuals or corporation

Document reference of continuation sheet (if any):

4 Applications from registered companies, limited liability partnership or other incorporated bodies

For registered companies provide the names and dates of birth of all directors and any company secretary.

For limited liability partnerships provide the names and dates of birth of all partners.

For other incorporated bodies provide the name and date of birth of all individuals that are part of the body's controlling or guiding mind. For example:

- trustees
- chairperson
- treasurer
- secretary
- or a person with a similar position

Use a continuation sheet where necessary.

Provide the company name and registration number on a continuation sheet for any corporate:

- directors
- company secretaries
- partners

First person

Title (optional)

Mr

First name

Jon

Last name

Smith

Position

Managing Director

Date of birth (DD/MM/YY)

Second person

Title (optional)

Mr

First name

Paul

Last name

Whyatt

Position

Technical Director

Date of birth (DD/MM/YY)

Third person

Title (optional)

Mr

First name

Victor

Last name

Popa

Position

Financial Director

Date of birth (DD/MM/YY)

[REDACTED]

Fourth person

Title (optional)

First name

Last name

Position

Date of birth (DD/MM/YY)

Continuation sheet for additional people

Document reference of continuation sheet (if any):

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



You will need to use an Adobe Acrobat product to complete this form. The form may not work properly if you use a different pdf reader, such as the one built-in to your internet browser.

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 B2.5, 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.

Please read through this form and the accompanying Part B2 guidance notes (see https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1102174/Guidance-app-for-an-environmental-permit-part-b2-general-new-bespoke-permit.pdf).

The form can be:

- 1) saved onto a computer and then filled in.
- 2) printed off and filled in by hand. Please write clearly in the answer spaces

It should 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 (excludes mobile plant)**
- 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, including having requested to submit your application in stages, give us the permit reference or details on a separate sheet. Tell us below the reference you have given this extra sheet(s).

Permit or document reference

EPR/XP3422LU/P001

1 About the permit, continued

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

Mobile plant Now go to **question 1c**

Site Now go to **section 2**

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

Mobile plant only

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 (excludes mobile plant)

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

Site name

Batrudding

Address

Batrudding Farm, Back Lane, York

Postcode

YO23 7BN

National grid reference for the middle of the site, or for water quality/groundwater activities, the discharge point (for example, ST 12345 67890).

SE 57850 42730

2 About the site (excludes mobile plant), continued

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**

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)

2 About the site (excludes mobile plant), continued

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**

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

2 About the site (excludes mobile plant), continued

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**).

Have you, or any other relevant person, been convicted of any relevant offence? (see <https://www.gov.uk/government/publications/relevant-conviction-guidance-for-permit-applications-for-waste-activities-and-installations-only>)

No Now go to **question 3b**

Yes Please give details below

3 Your ability as an operator, continued

Name of the relevant person

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position held at the time of the offence

Name of the court where the case was dealt with

Date of the conviction (DD/MM/YYYY)

Offence and penalty set

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

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

Now go to **question 3b**

Please also complete the details in **Appendix 2**.

3b Technical ability

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

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

ESA/EU skills

Please select one of the following:

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

or

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

3 Your ability as an operator, continued

CIWM/WAMITAB scheme

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

Please select **one** of the following:

- I have enclosed a copy of:
 - the relevant qualification certificate/s
 - or**
 - evidence of deemed competence
 - or**
 - Environment Agency assessment
 - or**
 - evidence of nominated manager status under the transitional provisions for previously exempt activities

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

- I have enclosed a copy of the relevant current continuing competence certificate/s
- The technically competent manager will complete their qualification within four weeks of starting the permitted activities and I have enclosed evidence of their registration with WAMITAB or their EPOC booking as appropriate
- **For medium- and high-risk tier activities other than landfill**
 - The technically competent manager will complete the qualification within 12 months and I have enclosed evidence of their registration with WAMITAB and, where relevant, EPOC booking. I understand they must complete either four specified units of the relevant qualification or an EPOC within four weeks of the permitted activities commencing

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

Title (Mr, Mrs, Miss and so on)

Mr

First name

Ian

Last name

Leslie

Phone

01132322400

Mobile

0774249773

Email

ian.leslie@4r- group.co.uk

3 Your ability as an operator, continued

Please provide the environmental permit number/s and site address for all other waste operations, (**see part B2 guidance notes**), 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 (or they) (or any relevant person) were a relevant person, have current or past bankruptcy or insolvency proceedings against you?

No

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

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

See **Environmental permits privacy notice - GOV.UK (www.gov.uk)** for how we use your personal information to support environmental permitting.

3 Your ability as an operator, continued

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.

For waste and installation permits only: your management system must also explain your resilience to climate change.

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

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

What management system will you provide for your regulated facility?

- ISO 14001
- BS 8555 (Phases 1–5)
- BS EN ISO 14005:2019
- Green dragon
- Own management system
- EMAS Global
- Other

Please send us a summary of the management system you are using and a copy of your accreditation (if applicable) with your application.

Document reference/s

Batrudding_EMS

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. The site plan must be legible at A4 size, drawn to scale and include a scale bar.

5 Supporting information, continued

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

Site plan_Batrudding

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

See the guidance notes on part B2

Document reference of the report

Batrudding_Site Condition & Baseline Report

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

5c Provide a non-technical summary of your application

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

Document reference of the summary

Batrudding_Non- technical 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.**)

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 **Risk assessments for your environmental permit – GOV.UK (www.gov.uk)** or an equivalent method.

For air dispersion modelling see: **Environmental permitting: air dispersion modelling reports – GOV.UK (www.gov.uk)**

Document reference(s) for the assessments, including modelling reports and files where applicable

Batrudding_Risk Assessment

7 How to contact us

If you have difficulty using 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**

7 How to contact us, continued

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 (£)

Appendix 1 – Low impact installation checklist

Low impact installation criterion (see the Part B2 guidance notes)	Section of supporting document that shows how your proposed activity meets the LII criterion	Do you meet LII criterion?
A – Management techniques		<input type="checkbox"/> Yes <input type="checkbox"/> No
B – Wastewater		<input type="checkbox"/> Yes <input type="checkbox"/> No
C – Abatement systems/ releases to air		<input type="checkbox"/> Yes <input type="checkbox"/> No
D – Emissions to groundwater		<input type="checkbox"/> Yes <input type="checkbox"/> No
E – Waste production		<input type="checkbox"/> Yes <input type="checkbox"/> No
F – Energy consumption		<input type="checkbox"/> Yes <input type="checkbox"/> No
G – Accident prevention		<input type="checkbox"/> Yes <input type="checkbox"/> No
H – Noise		<input type="checkbox"/> Yes <input type="checkbox"/> No
I – Emissions of polluting substances		<input type="checkbox"/> Yes <input type="checkbox"/> No
J – Odours		<input type="checkbox"/> Yes <input type="checkbox"/> No
K – Compliance history		<input type="checkbox"/> Yes <input type="checkbox"/> No

If you answered ‘No’ to any of the questions above, your installation cannot be considered as a low impact installation.

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. Continue on a separate sheet if necessary

1. Relevant Offences – date of birth information for relevant persons(s)

Please give us the following details if you have answered 'Yes' to question 3a

Name

Date of birth (DD/MM/YYYY)

2. Technical ability – date of birth information for technically competent manager(s)

Please give us the following details (relevant waste operations only)

Name

Ian Leslie

Date of birth (DD/MM/YYYY)

 _____

Application for an environmental permit

Part B4 – New bespoke waste operation permit



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.

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

You can apply online for waste bespoke environmental permits.

Apply online for an environmental permit.

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 three hours to fill in this part of the application form.

Contents

- 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

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

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

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 Physical and chemical treatment of waste

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			
Batrudding Liming Plant	Treatment of waste: physico chemical Liming of biosolids (19 08 05; 19 02 06; 19 06 06)	R3	0.00	74,999.00
For all waste operations	Total storage capacity (see note 2)			3,000.00
	Annual throughput (tonnes each year)			74,999.00

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

Form B4_Table1b

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	Not applicable			
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)
Chemical Treatment of Biosolids (lime)		https://www.gov.uk/guidance/chen

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

Not applicable

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

Not applicable

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



We recommend you use an Adobe Acrobat product to complete the form. You may not be able to complete the form using different software, such as the PDF reader built into your internet browser

Fill in this part for all applications for:

- installations (excluding new permit and variation applications for intensive farming. Use application form Part B3.5 or C3.5 instead)
- waste operations
- mining waste operations
- medium combustion plant
- specified generators
- water discharges (excluding treated domestic sewage effluent discharges of up to 15 cubic metres (15m³) a day into ground or up to 20 cubic metres (20m³) a day to surface water)
- groundwater activities (excluding small discharges of 15m³ per day or less if using Part B6.5 OR existing small discharges to Source Protection Zone1 if using Part B6.6)

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

We anticipate it will take less than 3 hours to fill in this form if you have all the necessary information available.

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**

1 Working out charges

You must fill out this section for all applications except for waste mobile plant and Part B surrender notifications.

You have to submit an application fee with your application. For guidance on the fee and how to pay your charges, please see our charging guidance (<https://www.gov.uk/government/publications/environmental-permitting-charges-guidance>) and the current charging scheme <https://www.gov.uk/government/publications/environmental-permits-and-abstraction-licences-tables-of-charges>. You can also contact us for pre-application advice to help work out the charges.

Please note that there is an annual subsistence charge to cover the costs we incur in the ongoing regulation of the permit.

Table 1 – Type and number of facilities being applied for

For example, if you are submitting one installation application, enter the number one into the first column.

Installation	Waste	Mining waste	Medium Combustion Plant (MCP)/ Specified Generator (SG)	Water discharge	Groundwater activity
	1				

Table 2 – General application charge (A)

Charge activity reference from the charging scheme tables	Charge activity description from the charging scheme tables	What are you applying for? For example, a new permit, minor variation, normal variation, substantial variation, surrender, low risk surrender, transfer	Amount
e.g. 1.17.3	e.g. Section 5.2 – landfill for hazardous waste	e.g. transfer application	e.g. £5,561
1.16.14	Physical and chemical treatment of waste	New Permit	£7,930
Total A			£7,930

1 Working out charges, 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 or variation or revision of a waste recovery plan.	£1,231	<input type="checkbox"/>
1.19.2	Habitats assessment (except where the application activity is a flood risk activity, water discharge or groundwater 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 checked="" 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 modelling assessment	£620	<input type="checkbox"/>
1.19.9	Dust and bio-aerosol management plan.	£620	<input type="checkbox"/>
1.19.10	Habitats assessment for discharges to water and groundwater activities.	£2,218	<input type="checkbox"/>
1.19.11	Specific Substances Assessment for a water discharge activity to surface water.	£4,114	<input type="checkbox"/>
1.19.12	Specific Substances Assessment for a groundwater activity.	£1,685	<input type="checkbox"/>
	Advertising	£538	<input type="checkbox"/>
Total B			£1,246

Total charges

Add the total charges from Table 1 to the total charges from Table 2 (total A plus total B)

£9,176

2 Payment

You must fill out this section for all applications except for waste mobile plant and Part B surrender notifications.

Tick below to show how you have paid.

- Cheque
- Credit or debit card
- Electronic transfer (for example, BACS)

Cheques

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

2 Payment, continued

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

Credit/debit cards

If you are paying by credit or with debit card we will call you. We can accept payments by Visa, MasterCard or Maestro card only.

Call me to arrange payment by debit or credit card

Electronic transfer BACS

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 PSCAPPWASTE (Waste), PSCAPPINST (Installation), PSCAPPWQ (Water Quality) (to reflect the facility type) 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.

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

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB23NWBK60708010014411 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

PSCAPPBYPRO1729

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

Byproduct Recovery Ltd

Fee paid

£ 9176

Date payment sent (DD/MM/YYYY)

3 Privacy notice

The Environment Agency runs the environmental permit application service.

See <https://www.gov.uk/guidance/environmental-permits-privacy-notice> for how we use your personal information in services to support environmental permitting.

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 at <https://www.gov.uk/government/publications/environmental-permitting-guidance-core-guidance--2>.

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

Please treat the specified 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 at <https://www.gov.uk/government/publications/environmental-permitting-guidance-core-guidance--2>

You cannot apply for national security via this application.

Now fill in section 5

5 Declaration

If you knowingly or recklessly 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’.

5 Declaration, continued

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.

- 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)
- 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 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)

Name

Title

Ms

First name

Dawn

Last name

Loos

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

Mr Jon Smith

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

Managing Director

Today's date (DD/MM/YYYY)

25/09/2025

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.

5 Declaration, continued

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

First name

Last name

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

Position (if relevant; for example, 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, contact us before you submit your application. For further information on pre-application advice, see <https://www.gov.uk/guidance/get-advice-before-you-apply-for-an-environmental-permit>.

You must do the following:

- Complete legibly all parts of the application 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.
- For new permit applications 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

7 How to contact us

If you have difficulty 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, please tell us how we can improve.

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 and supporting documents to:

For water discharges and groundwater activities by email to

PSC-WaterQuality@environment-agency.gov.uk

For waste, installations, medium combustion plant and specified generators by email to

PSC@environment-agency.gov.uk

For large electronic documents (too large for email attachment) you can upload your applications to file sharing sites and send us a link to download the documents. Alternatively, you can send more than one email with documents attached.

Or by post to:

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 the Part A form).

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.

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 (£)

Introduction

The following provides a non-technical summary of the application as required by Question 5c of Application for an environmental permit – Part B2 – General – applying for a new bespoke permit.

This Environmental Permit Variation Application is submitted to the Environment Agency for 4Recycling Ltd under the requirements of The Environmental Permitting (England and Wales) Regulations 2016 (as amended). It is a requirement of these Regulations that any application is accompanied by a non-technical summary of the submitted documentation to include the following:

- an explanation of what is being applied for.
- a summary of the regulated facility.
- a summary of the key technical standards and control measures arising from the risk assessment.

This non-technical Summary should be read in conjunction with the rest of this application which also contains:

- Application Forms A, B2, B4, and F1.
- Environmental Risk Assessment.
- Site Condition Report.
- Other supporting information e.g., Odour Management Plan

4Recycling Ltd is not making a claim for commercial or industrial confidentiality for any part of this application.

Purpose of the application

The site is currently under deployment for lime treating biosolids. The aim of this application is to have the site permitted for ongoing operations performing the same activity.

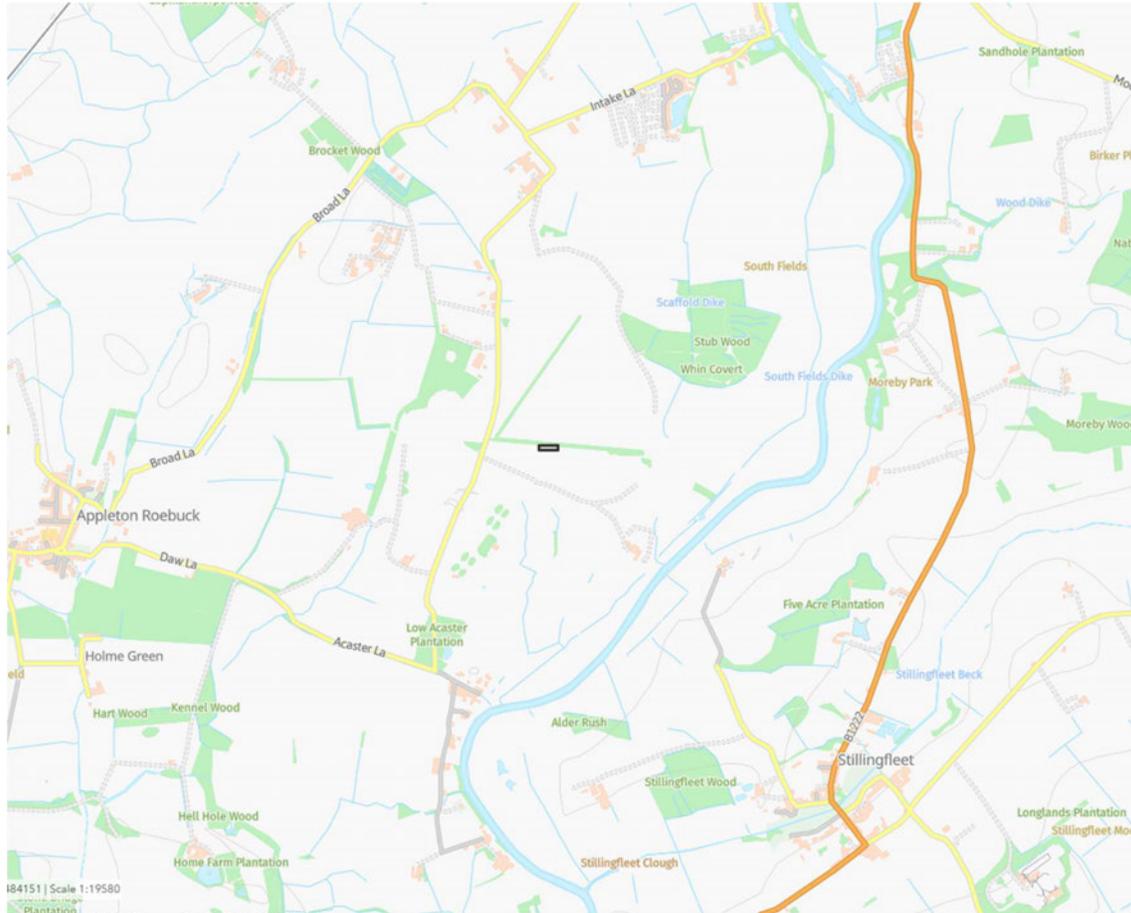
- Predicted maximum throughput to 74,999 tonnes per annum.
- Permitted wastes
 - 19 08 05 - Sludges from treatment of urban waste water.
 - 19 02 06 Sludge from the dewatering of sludge with the use of chemical additives
 - 19 06 06 Digestate from anaerobic treatment of sludge with the addition of treated sewage effluent produced at the sludge producer's wastewater treatment plant
 - 19 02 06 Sludge stabilised using non-waste lime
 - 19 02 06 Sludge mixed with non-waste straw, non-waste wood or other non-waste plant tissue material
 - 19 05 03 Compost from aerobic treatment of sludge with non-waste straw, wood or other non-waste plant tissue

The site

The site is currently located at Batrudding Farm, Back Lane, York, YO23 7BN (SE 57850 42730) on an impermeable surface with a sealed drainage system.

The site is in a rural location with a handful of dwellings in the vicinity of the site. It is accessed from the public highway and is located within land owned by Douglas Partnership with whom we have an agreement for use.

The location of the site is shown below:



The site does not lie within a groundwater source protection zone.

Proposed activities

The application will allow the site to accept biosolids that will be subject to chemical treatment (liming) aimed at recovering the beneficial properties of the material for land application.

The activity that will be carried out at the site as defined under Annex II of the Waste Framework Directive can be summarised as follows:

- R3: Recycling or reclamation of organic substances which are not used as solvents;
- As this is a recovery activity the site will be permitted as a waste operation not an installation regulated facility.

Operating techniques

The site will be operated in accordance with the EMS Summary document which has been drafted to satisfy the requirements of Environment Agency Guidance, and details the following:

- management.
- site operations.
- emissions and monitoring; and
- information.

Operational management procedures will ensure that:

- the risks that the activity posed to the environment are identified.
- the measures that are required to minimise the risks are identified.
- the activities are managed in accordance with the management system and EMS document.
- performance against the management system is audited at regular intervals; and
- compliance with the environmental permit.

The risk management and mitigation measures employed at the site and identified in the environmental risk assessment are detailed in the sites EMS Summary document.

In summary, the rules and operating procedures employed at the site will ensure the following with respect to the specified waste management activities:

- All waste treatment and storage will take place on concrete impermeable pavement provided with sealed drainage;
- Concrete surfacing falls towards drainage channels ensuring that potentially contaminated runoff is contained on site;
- All waste will be stored on an impervious base with impervious walls;
- Strict waste acceptance procedures will be adhered to, to ensure only permitted wastes are accepted on site;
- The site manager will ensure that regular inspections are made of the site. If necessary, remedial measures will be arranged as soon as possible.

Assessments

An environmental risk assessment (ERA) has been carried out to assess the environmental risk posed by the permit application activity. There are no point source emissions to land, air, surface or groundwater from the proposed activity.

The facility will have drainage infrastructure in place so that all potentially contaminated site drainage is captured and directed via a sealed system, consisting of concrete impermeable pavement across the site with falls towards the drain channels that captures all liquids and directs it to a sealed tank.

Operational procedures at the site will monitor and manage amenity and accident risks from the proposed activity and includes provision for the monitoring of odour, and fugitive emissions. The impact of the proposed development on surrounding human and environmental receptors has been assessed in the ERA.

As the management measures detailed in the risk assessment are currently in place the conclusion has been reached that the proposed waste materials and treatment activity, are unlikely to result in a significant accident risk or risk to the local environment, including from odour and noise, or pollution of surface or ground waters.

A Site Condition Report (SCR) has been prepared as part of this application as the proposed activities will be undertaken on new areas of the site.

The proposed facility will operate with due regard to the conditions of the environmental permit and all relevant environmental legislation to ensure that land and groundwater is protected during the lifetime of the site and that the land is in a satisfactory state when the permit is eventually surrendered.

The possibility of any significant releases to the ground occurring during the lifetime of the permit is therefore limited. All waste will be stored and treated on areas of impermeable concrete to eliminate direct potential pathways to soil and groundwater. Minor spillages, if they occur, will be dealt with immediately by trained staff using appropriate spill response procedure and spill kits located around the site. The impermeable concrete site surfacing will locally break any potential pathway for contaminants that could be emitted from the permitted activities to land or groundwater.

Conclusion

The overall conclusion of the studies undertaken in support of this bespoke environmental permit application for chemical treatment of waste at Batrudding Farm is that there is unlikely to be a significant environmental impact.

4Recycling Ltd is fully committed to ensuring the highest standards are met and will undertake their activity in a manner consistent with best industrial practices and in accordance with the company's environmental management system.



EMS Summary

Batrudding Liming Site

The purpose of this Environment Management System (EMS) is to describe how the operator will manage the day to day operation of any plant and processes that have a potential to produce odours or other emissions and provides an overview of the processes and procedures that are in place at the site.

It is a structured system which, when implemented, will help the business to identify the environmental impacts resulting from its business activities. It will also help manage and reduce those impacts, so that the environmental performance of the organisation is improved. The EMS provides a methodical approach to planning, implementing and reviewing a businesses' environmental management.

The role of the EMS is to identify and control the risks that the operations may pose to the environment and human health and by:

- identifying where efficiency savings can be made;
- ensuring compliance with environmental legislation;
- identifying and managing significant environmental impacts;
- providing benchmarks for improvement;
- helping to manage resources.

It will also provide a way for the business to plan for and demonstrate that steps have been taken to reduce or prevent environmental harm occurring as a result of operations.

As this is a working document it will also be updated to reflect changing circumstances at the facility. Updates will be undertaken to reflect any changes in the facilities and practices at the facility and, in any case, will be reviewed on an annual basis.

INTRODUCTION

This EMS has been prepared in accordance with the Environmental Permitting Regulations in that;

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

It sets out the considerations and operational details that are relevant to the operation of the operation operated by 4Recycling Ltd, 'the operator', at Batrudding Farm. It details the methods of operation and environmental controls.

The Standard Operating Procedures (SOP) and Accident Management Plan (AMP) all form part of the EMS for the treatment operation.

As an effective EMS it will;

- Minimise or prevent the risk of pollution to the environment by the activities which are being undertaken.
- Be implemented so that all staff know their environmental responsibilities.
- Assess the environmental impacts of the operation and identify opportunities to reduce pollution to air, land and water.
- Reduce waste.
- Ensure compliance with environmental legislation and take action to prevent and correct cases of non-compliance.
- Deliver good resource management and encourage sustainable development and financial benefits.

If an accident, or incident of non-compliance, happens on site an audit of the management system will provide a means of detecting the root cause of the problem.

Scope

ISO 14001 defines criteria for an Environmental Management System (EMS). It does not state requirements for environmental performance but maps out a framework that a company or organisation can follow to set up an effective EMS. As such it has been used as a basis for this EMS.

It will be used by the business to improve resource efficiency, reduce waste, and reduce costs. It will aim to provide assurance to company management and employees as well as external stakeholders that environmental impact is being measured and improved.

As ISO 14001 is an internationally recognised standard for management systems it provides a useful template for this EMS and involves the following aspects.

- Developing an environmental policy which will have to be made public.
- An environmental policy provides direction for management of the environment by providing a framework for setting and reviewing environmental objectives and targets.
- The policy must make three commitments:
 1. Compliance with all applicable legal requirements, and with other requirements to which the organisation subscribes relating to its environmental aspects;
 2. Prevention of pollution;
 3. Continual improvement.

Environmental Aspects

An environmental aspect is an element of the business activities, products or services that can interact with the environment. Environmental aspects include those that currently interact with the environment, and those that have potential to interact with the environment, for example, accidents and incidents like fires. These aspects have been listed in the risk assessment and evaluated as to their potential effect on the environment. The potential impacts on the environment are covered by the site-specific risk assessment provided in the application that takes into account location specific issues.

Environmental action plans

These documents are all contained within the EMS;

- Emissions management plans
- Odour management plans
- Accident management plans **AMP01**.
- Operational Techniques document
- Climate Change Risk Assessment

Checking

Monitoring and measurement of the businesses activities that can have an environmental impact. This allows the business to evaluate their compliance with any requirements placed upon them by relevant legislation, permits and any other schemes they have subscribed to.

Any non-conformances discovered will be corrected and action will be taken to reduce or where possible eliminate the possibility of further non-conformances. Non-conformances discovered should be reported on discovery to the site manager.

Checking will also involve the results of any internal audits, carried out under the internal audit program, and any actions taken as a result.

Management review.

An opportunity for management to take a comprehensive look at the continuing suitability, adequacy and effectiveness of the environmental management system. A review will also approve actions to improve the system, to reduce exposure to environmental risk and to improve the environmental performance of the organisation. This will occur at intervals stated in each document, all changes will be recorded. Where no changes are required, a record will be made of the date of review and state that no action is required.

What is included

As a part of the required written management system the EMS will include;

- An analysis of the significant environmental effects of the activities carried out (risk assessment)
- How to comply with and go beyond legal and other requirements
- Environmental action plans.
- Responsibilities for compliance will be clearly linked to a named member of staff
- Plans for training, awareness and competence of staff
- An effective communication strategy to both internal and external parties
- Document management and control procedures
- Operational control procedures
- Emergency preparedness and response plans
- Monitoring and measurement plans and records
- Records of non-conformance and corrective and preventative action that will/has been be taken as a result
- Records management

- Regular reviews to ensure continual improvement

Identifying and minimising risks of pollution

This means that the operator has stated how the treatment activities carried out by the business can interact with the environment and may cause pollution. All possible routes for the impacts of pollution on to the environment have been identified and controlled with plans in place to minimise the chance of activities causing environmental pollution.

A site location plan is included with the application which also identifies the activities to be carried out on the site. The map section includes environmental considerations such as protection measures, sealed drainage system sensitive receptors and so on.

The site plan represents all the main features of the site. The activity that takes place on the site and the pollution which may arise from it has been assessed. The pollution risks under normal operations as well as under abnormal operations, that is when something goes wrong, have been considered. Accidents are capable of causing significant pollution over a short period of time and will be minimised.

The following have been considered;

- Plant and machinery
- Waste disposal
- Emissions/discharges for example, odour
- Storage of materials on site

Operations and maintenance

The EMS specifies exactly what activities the permit allows to be carried out on site. This will ensure that staff know what they are and aren't allowed to do. Written operating instructions are provided to staff who are required to use any plant and equipment present onsite.

The instructions provide direction on how equipment is to be used to achieve the work objective and address any precautions which are to be taken as part of that work to ensure any risks to the environment posed by the use of the equipment are minimised or eliminated. These instructions include details of what to do when things go wrong, that is, when the plant or equipment malfunction and how to stop a malfunction causing an adverse environmental impact.

At a minimum the maintenance advice provided by the manufacturer/supplier is followed. As many pollution incidents can be traced back to a maintenance failure, the EMS includes a plan for proactive and preventative, as opposed to reactive maintenance, of the plant and equipment used on the site.

A record that the maintenance checks were actually carried out when they were scheduled is also kept.

Accidents

As required by the permit an Accident Management Plan (AMP) has been put into place which can be put into action as and when required. It will be clearly communicated to all employees, managers and contractors who work at the site and is found in appendix 1.

The AMP forms part of this EMS and the following steps have been taken;

- risks have been identified from the activities carried out that could damage the environment;
- the risks have been assessed as to how likely they are to happen and the potential environmental consequences of them happening;
- action has been taken to minimise the potential causes and consequences of accidents;
- how to minimise the consequences identified should such accidents occur.

If an accident does happen and it may cause an adverse environmental impact, the permit holder will:

- immediately do what it says in the accident management plan;
- do whatever else is necessary to minimise the environmental consequences;
- take all precautions to ensure the health and safety of both employees and external people is not compromised;
- find out why the accident happened and take action to stop it happening again;
- inform the EA via the **0800 80 70 60** hotline
- review the accident management plan.

The AMP will be reviewed at least every 4 years, if management or named responsible people change or as soon as possible after an accident. Any updates or changes needed will then be put into an updated accident management plan. If no changes are needed the date of the review will be recorded and the fact that no changes were needed.

The accident management plan includes;

- A list of key contacts and contact numbers.
- Information on preventing accidents which could occur on the site and what to do if an accident happens.

Incidents and non-conformances.

All incidents and non-conformances will be recorded. This includes those reported by external people as well as those picked up in monitoring, reviews and audits of the site.

Incidents that require investigation include any malfunction, breakdown or failure of plant or equipment or techniques and any near misses which affect or potentially affect the environment. Non-conformances include where the management system is not followed as well as non-compliances with the conditions in the permit.

If an incident or non-conformance occurs the EMS will be reviewed to find the root cause of the problem and steps taken to ensure that there is no re-occurrence. The findings of the review will be communicated to employees to ensure they understand any changes that need to be made to operations or procedures.

The operator will take reasonable precautions to prevent unauthorised access to the equipment used on site and any resultant pollution that unauthorised access to the equipment and/or damage may cause to the environment or human health. The withdrawn EA guidance *How to Comply with Your Environmental Permit* gives further information on when site security is necessary.

Complaints

All complaints received by the business about their activities will be recorded and acted upon. If the site receives a complaint, it will be recorded and made available to the EA should they require. The forms will be used as evidence that any complaints received have been taken seriously and that actions have been taken to rectify any problems identified, especially if the EA has also received the same complaint.

Staff training and competence

There will be enough competent staff to manage and operate the site's activities without causing pollution. Staff are competent in the activities they are expected to carry out and are also expected to be competent in normal situations but also be adequately trained so that they are competent in abnormal situations such as plant failures or accidents.

Staff roles and responsibilities are clearly defined with names placed against each role and responsibility. For example, who is the Technically Competent Manager (TCM) for the site. Documentation stating who is in charge of ensuring compliance with each part of the permit and other relevant legislation and guidance is kept. These documents will be updated at regular intervals especially if staff change roles or leave the organisation.

The training checklist and record forms will be kept, to ensure that the recording requirements for training received by staff are met. The training checklist is used to identify the training required for each different role in the organisation.

Odour and emissions management plans

The Environmental Permitting Regulations require the control of pollution including odour and emissions. The potential impacts of these need to be controlled as they can have serious adverse impacts on the environment and human health.

Documentation of legislation and other requirements

The operator will keep a record of any applicable environmental obligations, permits, exemptions, codes of practice, legislation and any other requirements they are signed up to.

The legislation which is relevant to the permit holder's activities is kept on a register along with the names of those people in the organisation who are responsible for ensuring it is complied with.

The requirements of any permit or authorisation an organisation may have from the EA is also included in this register, along with who has responsibility for ensuring that it is complied with.

Batrudding Site Boundary

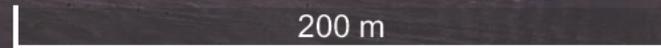
Biosolids treatment and storage area

Ibbotsons

Former RAF Acaster Malbis

Legend

 Batrudding Site Boundary





Site Plans
Batrudding Farm





Site Plans
Batrudding Farm





Site Plans

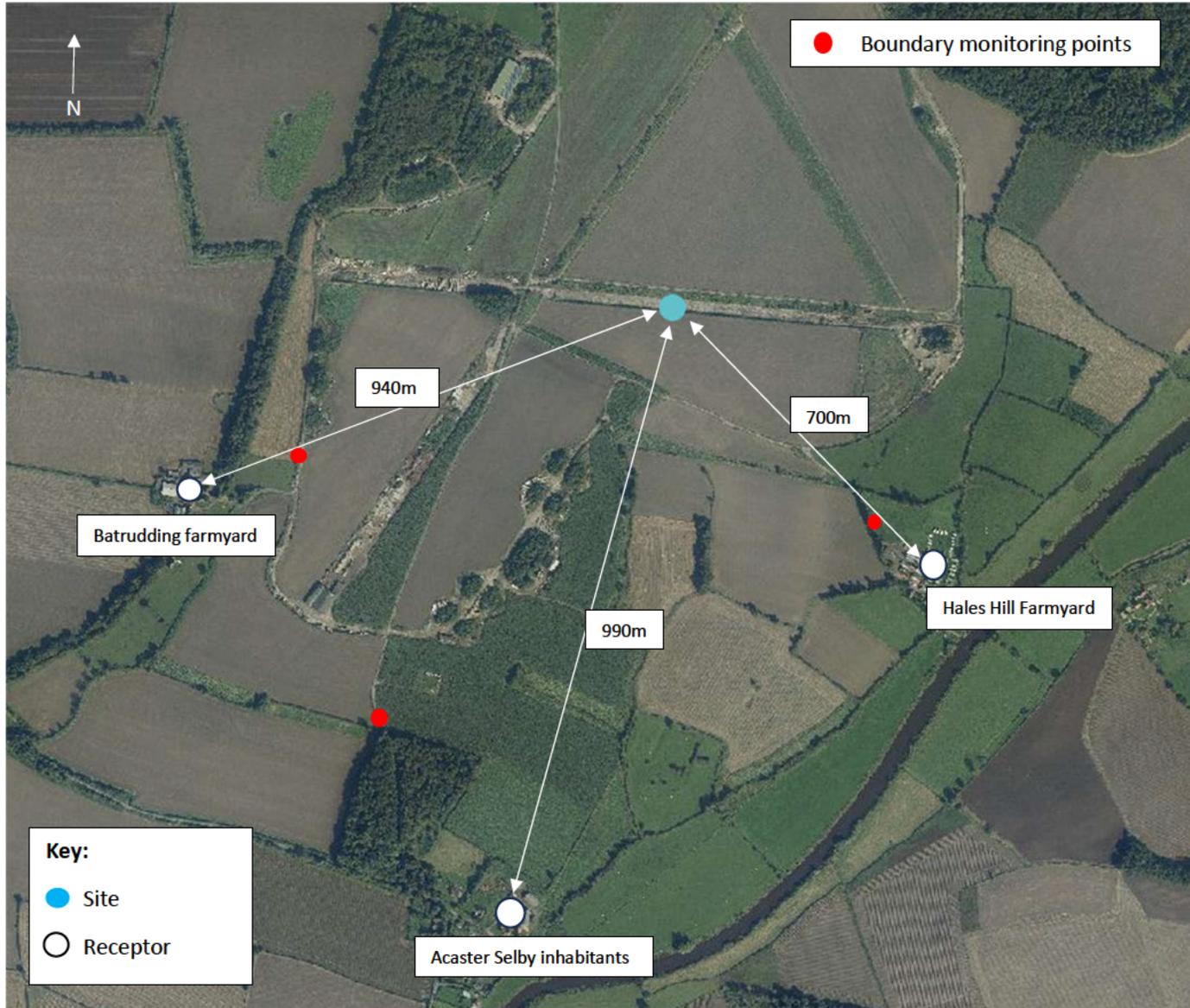
Batrudding Farm





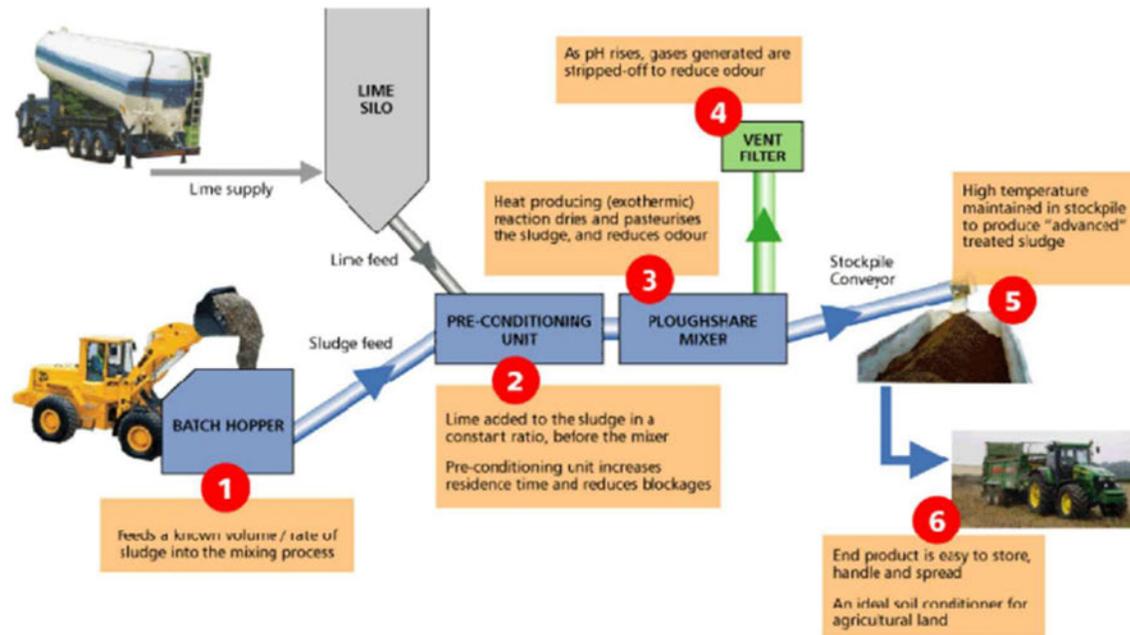
Site Plans

Batrudding Farm



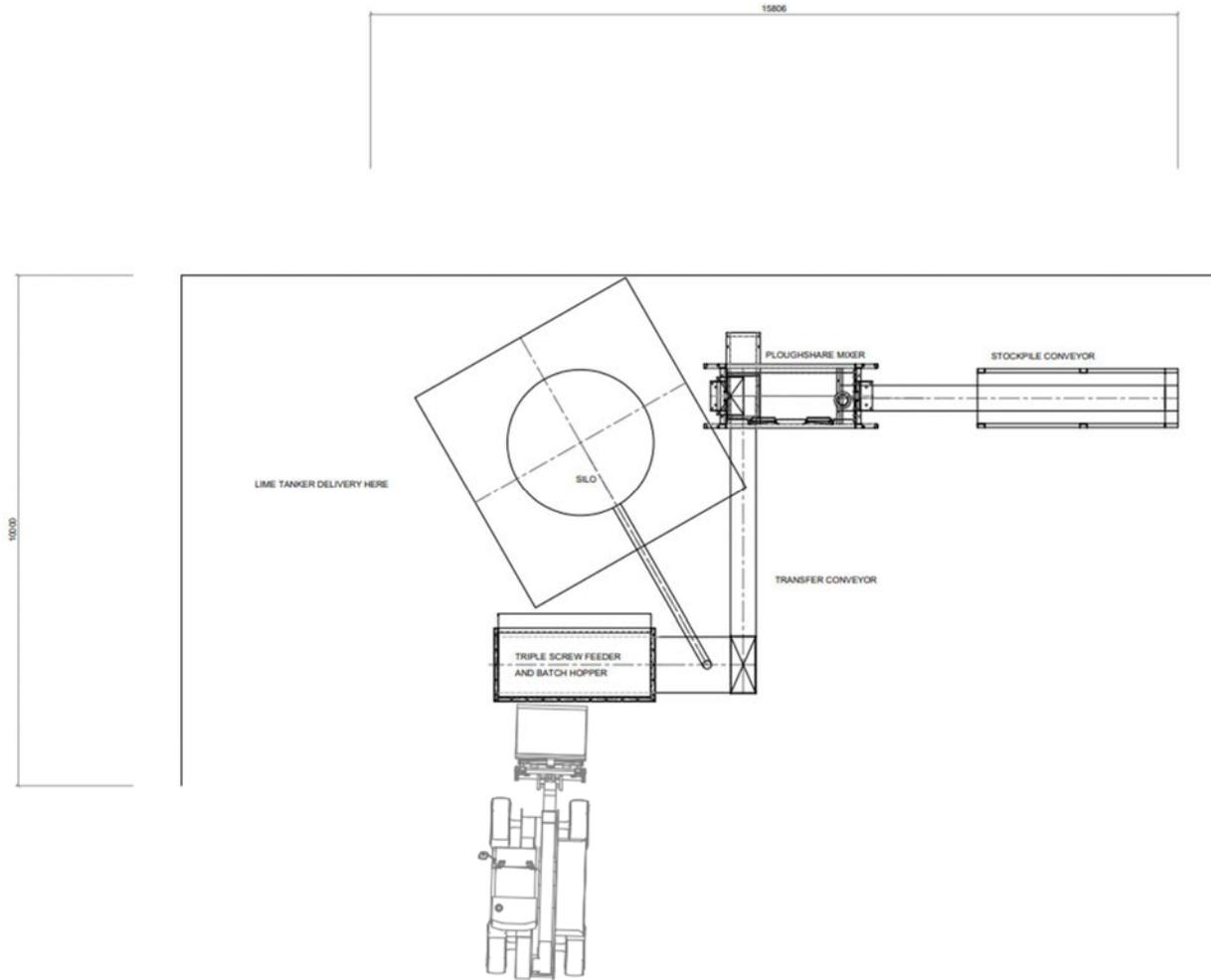


Process Flow:





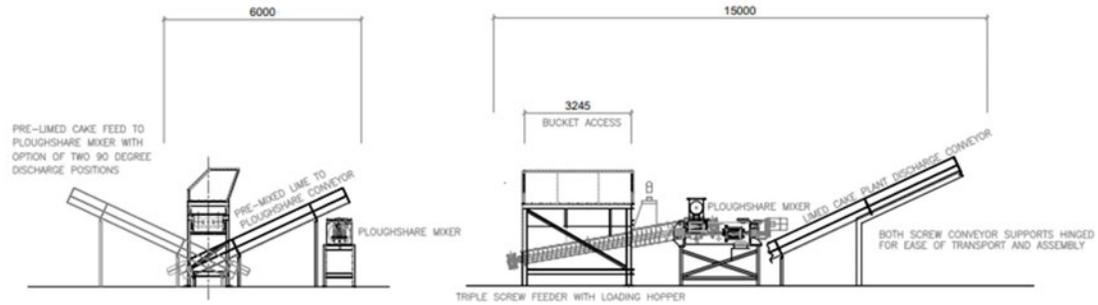
Plant Layout:



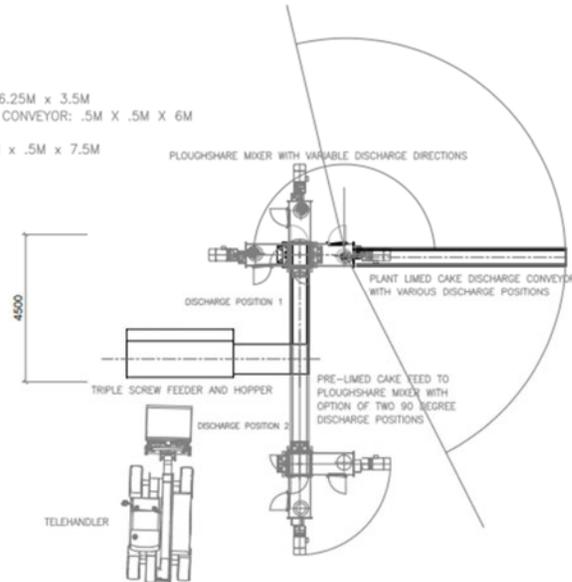


Site Plans
Batrudding Farm

Plant Design:



PLANT DIMENSIONS
 PLANT FOOTPRINT: 4.5M x 6M x 15M
 TRIPLE SCREW FEEDER AND HOPPER: 1.5M x 6.25M x 3.5M
 PRE-MIXED LIME TO PLOUGHSHARE TRANSFER CONVEYOR: .5M X .5M X 6M
 PLOUGHSHARE MIXER: 1M x 4M x 2M
 LIMED CAKE PLANT DISCHARGE CONVEYOR: .5M x .5M x 7.5M





SITE CONDITION REPORT

**DURING THE LIFE OF THE PERMIT:
MAINTENANCE OF SECTIONS 4-7**

**AT SURRENDER:
ADD NEW DOC REFERENCE IN 1.0; COMPLETE SECTIONS 8-10; & SUBMIT WITH YOUR
SURRENDER APPLICATION.**

Version	Date	Author	Changes
I	30/09/2025	Dawn Loos	Initial report

I SITE DETAILS	
Name of the applicant	4R Group
Activity address	Batrudding Farm, Back Lane, York, YO23 7BN
National grid reference	SE 57850 42730
Site entrance (What3Words)	electric.curve.summaries

Document reference and dates for Site Condition Report at permit application	Batrudding_Site Condition & Baseline Report September 2025
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Document references for site plans (including location and boundaries)	Site plan_Batrudding
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2 Condition of the land at permit issue	
<p>Environmental setting including:</p> <ul style="list-style-type: none"> • geology • hydrogeology • surface waters 	<p>A largely open, flat and low-lying landscape between the higher land of the Southern Magnesian Limestone ridge to the west, the Howardian Hills to the north and the Yorkshire Wolds to the east. Dominantly Triassic solid geology, which is obscured by glacial till, sand, gravel and moraines, with obvious ridges formed by the York and Escrick moraines.</p> <p>Wetland features dotted through the wider landscape, providing stepping stones between wider areas of water-dependent and priority habitat, such as important remnants of 'ings' meadows on the river flood plains (traditionally managed by hay-making) and some unimproved and semi-improved meadows and pastures, in particular in the Derwent Ings.</p> <p>Overlying soils are mainly fen peat soil. The site lies in an area that is classed as 'medium-high regarding groundwater</p>

	<p>vulnerability and 'Principle' regarding aquifer designation for bedrock.</p> <p>The nearest surface water is a small pond c. 200m of the site.</p>
<p>Pollution history including:</p> <ul style="list-style-type: none"> • pollution incidents that may have affected land • historical land-uses and associated contaminants • any visual/olfactory evidence of existing contamination • evidence of damage to pollution prevention measures 	<p>The operation is to take place on an existing impermeable surface with a sealed drainage system.</p> <p>Previous land use was as a runway (disused now).</p> <p>There is no visual/olfactory evidence of any existing contamination.</p> <p>The impermeable surface and drainage system is in good condition and exhibits no damage.</p>
<p>Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)</p>	<p>Not applicable.</p>
<p>Baseline soil and groundwater reference data</p>	<p>Not applicable.</p>
<p>Supporting information</p>	<ul style="list-style-type: none"> • Source information identifying environmental setting and pollution incidents • Historical Ordnance Survey plans • Site reconnaissance • Historical investigation / assessment / remediation / verification reports • Baseline soil and groundwater reference data

3 Permitted activities	
<p>Permitted activities</p>	<p>Current deployment for liming plant on site under permit EPR/EP3995ES</p>
<p>Non-permitted activities undertaken</p>	<p>None</p>
<p>Document references for:</p> <ul style="list-style-type: none"> • plan showing activity layout; and 	<p>Site plan_Batrudding & Batrudding_Risk Assessment</p>

- | | |
|----------------------------------|--|
| • environmental risk assessment. | |
|----------------------------------|--|

The following sections are to be completed during the lifetime of the permit.

4 Changes to the activity	
Have there been any changes to the activity boundary?	
Have there been any changes to the permitted activities?	
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	
Checklist of supporting information	<ul style="list-style-type: none"> •

5 Measures taken to protect land	
Use records that you collected during the life of the permit to summarise whether pollution prevention measures worked. If you can't, you need to collect land and/or groundwater data to assess whether the land has deteriorated.	
Checklist of supporting information	<ul style="list-style-type: none"> • Inspection records and summary of findings of inspections for all pollution prevention measures • Records of maintenance, repair and replacement of pollution prevention measures
6 Pollution incidents that may have had an impact on land, and their remediation	
Summarise any pollution incidents that may have damaged the land. Describe how you investigated and remedied each one. If you can't, you need to collect land and /or groundwater reference data to assess whether the land has deteriorated while you've been there.	
Checklist of supporting information	<ul style="list-style-type: none"> • Records of pollution incidents that may have impacted on land • Records of their investigation and remediation

7 Soil gas and water quality monitoring (where undertaken)	
Provide details of any soil gas and/or water monitoring you did. Include a summary of the findings. Say whether it shows that the land deteriorated as a result of the permitted activities. If it did, outline how you investigated and remedied this.	
Checklist of supporting information	<ul style="list-style-type: none"> • Description of soil gas and/or water monitoring undertaken • Monitoring results (including graphs)
8 Decommissioning and removal of pollution risk	
Describe how the site was decommissioned. Demonstrate that all sources of pollution risk have been removed. Describe whether the decommissioning had any impact on the land. Outline how you investigated and remedied this.	
Checklist of supporting information	<ul style="list-style-type: none"> • Site closure plan • List of potential sources of pollution risk • Investigation and remediation reports (where relevant)
9 Reference data and remediation (where relevant)	
Say whether you had to collect land and/or groundwater data. Or say that you didn't need to because the information from sections 3, 4, 5 and 6 of the Surrender Site Condition Report shows that the land has not deteriorated.	
If you did collect land and/or groundwater reference data, summarise what this entailed, and what your data found. Say whether the data shows that the condition of the land has deteriorated, or whether the land at the site is in a "satisfactory state". If it isn't, summarise what you did to remedy this. Confirm that the land is now in a "satisfactory state" at surrender.	
Checklist of supporting information	<ul style="list-style-type: none"> • Land and/or groundwater data collected at application (if collected) • Land and/or groundwater data collected at surrender (where needed) • Assessment of satisfactory state • Remediation and verification reports (where undertaken)
10 Statement of site condition	
Using the information from sections 3 to 7, give a statement about the condition of the land at the site. This should confirm that:	
<ul style="list-style-type: none"> • the permitted activities have stopped • decommissioning is complete, and the pollution risk has been removed • the land is in a satisfactory condition. 	



Emissions Action Plan for Sewage Sludge treatment

1. Check material type against description on transfer note
2. Sludge accepted will be mixed with the lime upon arrival
3. Sludge that is accepted onto site will be tipped on the concreted area and will be mixed with the lime immediately.
4. Loads will not be tipped unless under supervision.
5. A site diary will record loads accepted at the site, weather conditions, operations on the site and a signed entry of visitors to the site.
6. A record will be kept of all loads removed from site.
7. Only materials that are known to the operator will be accepted onto the site.
8. Before entry to site the operator will check downwind of the site for potential odour nuisance.
9. During processing all emissions will be monitored according to the Air Quality Monitoring Plans and Decision Charts.
10. If odour or dust emissions from the process are detected at the farm boundary in the direction of the prevailing wind, the relevant mitigation strategy will be adopted
11. If the prevailing wind is blowing towards a sensitive receptor (e.g. residential housing) the load will be rejected.
12. Any pools of liquor will be covered with lime prevent odour generation potential. The limed liquor will then be added to the next load of sludge to be treated.
13. If required a mobile deodoriser will be temporarily used in accordance with the odour mitigation strategy or a mobile mister will be used in accordance with the dust mitigation strategy.
14. Once mixed the treated sludge will be individually checked for compliance and removed immediately to the stockpiles.



Air Emissions Monitoring

All aspects (e.g. loading, unloading, mixing) of the proposed treatment operations will take place on the impermeable surface within the registered operating site. The direction of the prevailing wind will determine where detectability of emissions (of dust or odour) will be checked (as described in the odour and dust mitigation strategies provided in Operational Aids and Emission Management). If prevailing winds are blowing towards sensitive receptors then the operation will be stopped until the wind stops or changes direction and is blowing away from any sensitive receptors.

Air Emission Monitoring Plan

Activity	Emissions Potential	Action	
Load acceptance	Is the wind blowing towards the nearest sensitive receptor?	Yes	Divert load to another site
		No	Accept load
Prior to load discharge	Have emissions been detected at site boundary?	Yes	Check detectability of emissions at farm boundary (in direction of prevailing wind) and at any potential receptors in that direction located beyond farm boundary. If detected – Do not move lorry to tipping pad until wind stops or direction changes so it blows away from any sensitive receptors. Divert load to another site if required. If not detected – Move lorry to tipping pad
		No	Move lorry to tipping pad
Load discharge	Have emissions been detected midway between operational area and nearest sensitive receptor?	Yes	Do not tip load until wind stops or direction changes so it blows away from any sensitive receptors. Divert load to another site if required
		No	Discharge load
Sludge mixing	Has the wind direction changed so it is now blowing towards a sensitive receptor?	Yes	Do not commence mixing until wind stops or direction changes so it blows away from any sensitive receptors
		No	Commence mixing operation
Loading treated sludge	Has the wind direction changed	Yes	Do not load treated sludge until wind stops or direction changes

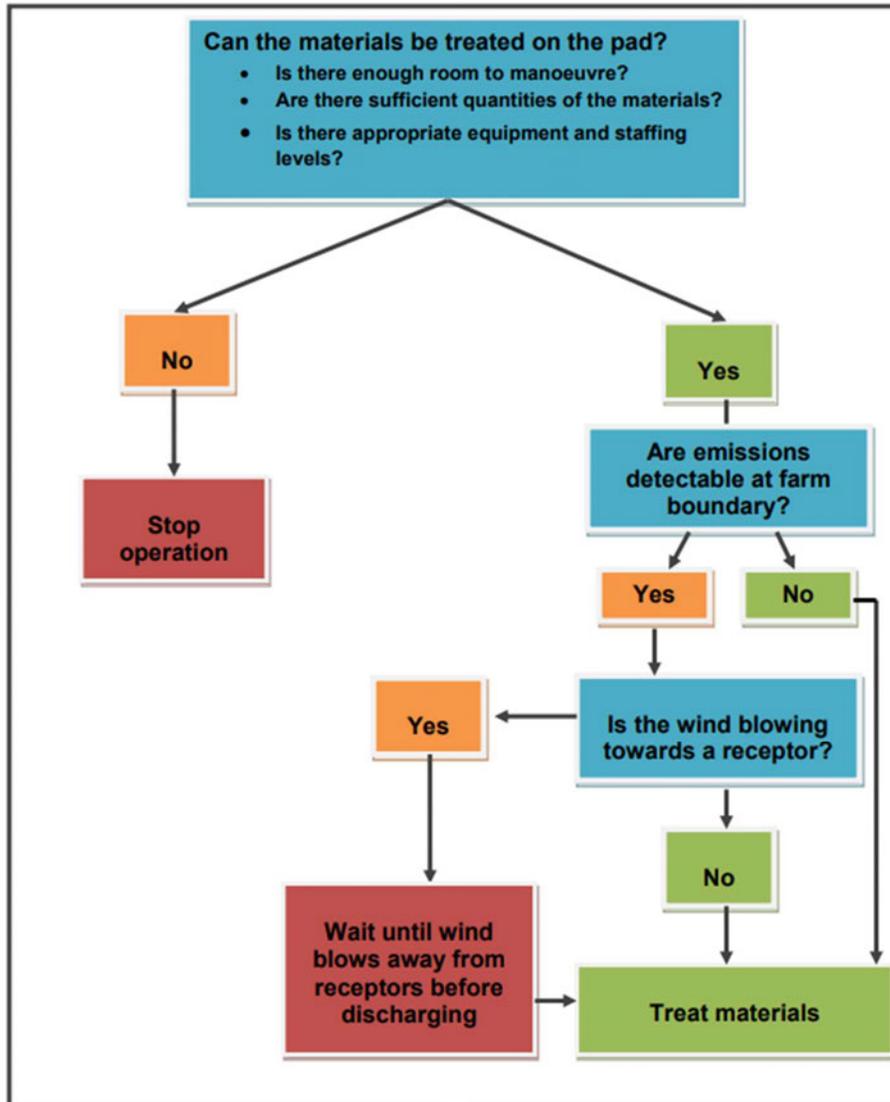


	so it is now blowing towards a sensitive receptor?		so it blows away from any sensitive receptors
		No	Load treated sludge

All materials that will be entering and leaving the site will be subject to pre-acceptance, acceptance, rejection and despatch criteria.

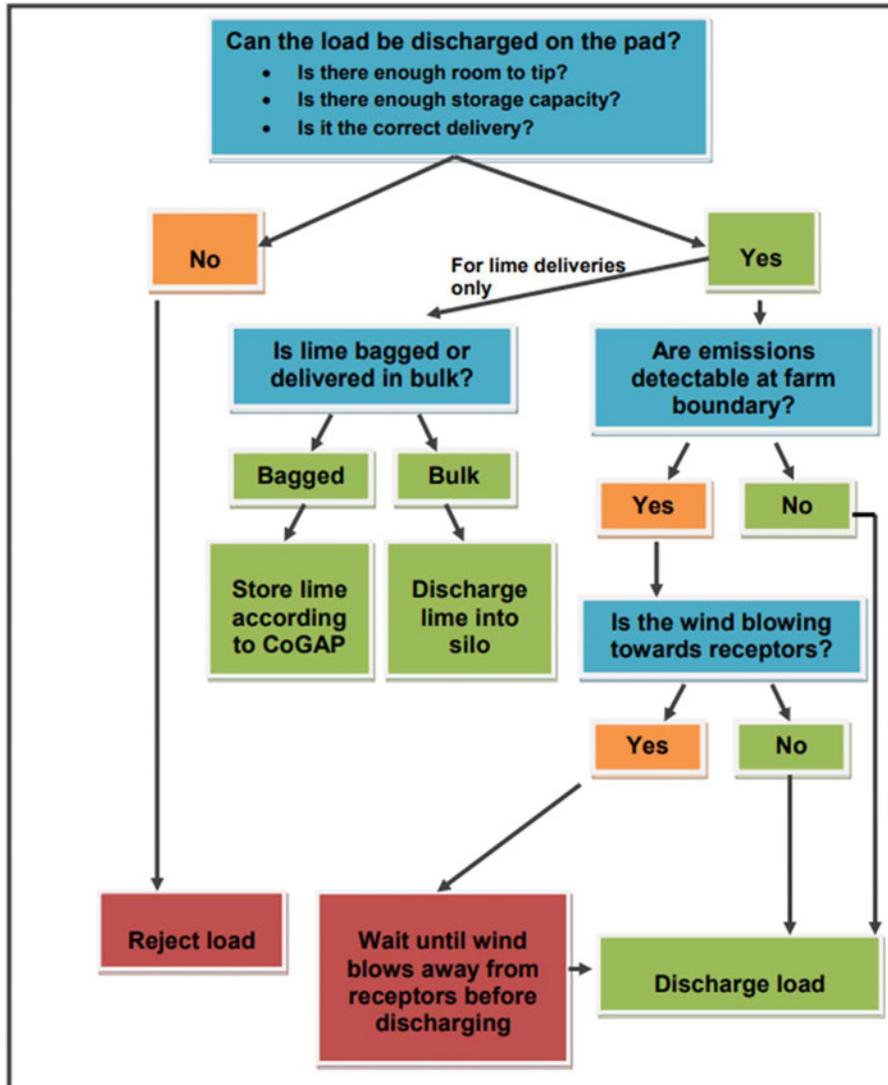
Air Emission Monitoring Plan

Treatment



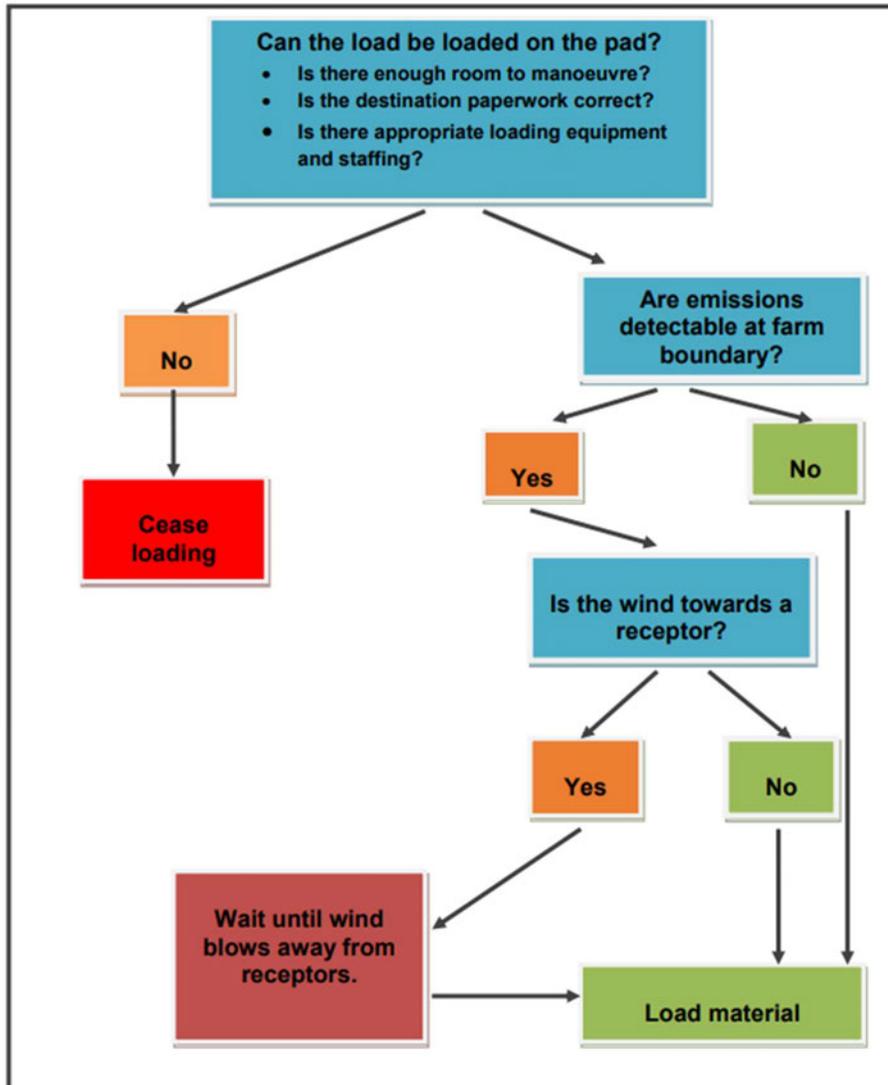
Air Emission Monitoring Plan

Load Discharge



Air Emission Monitoring Plan

Loading





Dust Management Plan & Mitigation Strategy

Risk of dust emissions

The sludge from the treatment of urban waste water has a total solid content of approximately 32% (DM). The sludge is therefore not friable and subsequently does not pose any risk of emitting dust as a parent material. In addition to this the plant is a completely closed system.

The lime which will be used to dewater and sterilise the sludge is a commercially produced agricultural lime product, and therefore not subject to Environmental Permitting Regulations. As this lime can be spread onto agricultural land without notifying the Environment Agency, then it can also be used for other on-farm processes should the farm operator wish to. It is not therefore necessary to calculate the risks associated with using this lime product as it is not a waste. However, 4Recycling recognise that the lime is a friable and potentially dusty product and as it will be blended with the sludge during the operation, have developed this dust mitigation strategy to remediate any dust emission risks associated with using this product within the proposed operation. 4Recycling have identified that the lime is most likely to emit dust during any period of agitation e.g. loading and unloading (mixing occurs within a contained system).

All product lime will be stored in a secure area under cover, on an impermeable surface in accordance with the code of good agricultural practice. The product lime will be handled and stored in the usual way it is dealt with on farm. Lime delivered in bulk will be stored in a silo.

The use of this product lime for the dewatering and sterilisation of the sludge will not have any additional impacts on the surrounding environment than other normal agricultural operations occurring on farm where such lime is used on a day-to-day basis.

There is significant benefit in dewatering and sterilising the urban waste water sludge with lime as it reduces the impacts associated with both parent materials when applying them individually to agricultural land (e.g. nutrients in sludge are readily leached in wet conditions and the friable nature of lime may emit dust during application on the field). The mixed output from this operation is therefore a more environmentally responsible way of applying nutrients and lime onto land than individual applications of the parent materials it is comprised of.

Likely detection

The prevailing wind conditions described in the odour management plan and mitigation strategy are also applicable and relevant to potential dust



emissions arising from the operation. Due to predominant westerly prevailing winds in this area, the likelihood of dust emissions being detectable at the local surrounding receptors will be same as described for odour. The likelihood of dust detection is also based on the typical direction of prevailing winds, the locality and distance of the receptors to the operating site as well as the nature of the parent materials to be handled at the site.

Similar to management of odour emissions, the detectability of dust emissions at the boundary of the farm (i.e. between the operating site and the local receptors) will be checked before treatment operations commence. The detectability of the dust emissions at this boundary will be detected according to the wind direction at that present time (i.e. the southern boundary of the farm will be checked if there is a northerly wind blowing on the day of operation etc.). If the dust is detectable at the farm boundary, then operations will only commence if the prevailing wind is blowing away from any potential receptors.

Mitigation strategy (remedial actions)

If a dust complaint is received then 4Recycling will take the following remedial measures to control the dust emissions so that operations can commence again;

1. Immediately stop operation of mobile plant
2. Determine wind direction to identify potential receptors of dust emissions which may have become detectable during operation and record findings
3. Determine the detectability of the dust at the location of complaint (if applicable) and record findings
4. Re-check the detectability of the dust at the boundary (location according to wind direction) and record findings
5. Check dust at the farm boundary and at the location of the complaint (if applicable) frequently after operation of mobile plant was stopped
6. After 60 minutes;
 - a. If dust is no longer detectable at the farm boundary or at the location of complaint (if applicable) then 4Recycling will commence the operation and check dust detectability at both locations regularly throughout operation.
 - b. If dust remains to be detectable at the farm boundary/location of complaint then operations will be ceased, and any mixed material will be stockpiled and allowed to settle. Mixed and parent materials will not generate dust emissions if they are not agitated and allowed to settle. A mister will be



temporarily used until the dust is mitigated. Dust detection will be checked hourly, and the findings will be recorded. Any mixed materials will be stopped from leaving the operation area until the dust has subsided. Deliveries of parent materials will be allowed onto site.

c. If dust is detectable for more than three days at the farm boundary or at the location of complaint then 4Recycling will cancel any future incoming loads of parent materials and remove any materials that are present in the operation area. Materials will only be removed when it is not windy and when prevailing winds are directing away from any potential receptors.

Mitigation strategy deployment – triggers and method

Use of the mister will be triggered by complaint of dust, or if the dust from the operation is detectable at the farm boundary in the direction of receptors as described above. The closest residential receptor (aside from those residing at the operation site) to Batrudding Farm is a minimum of 700m away to the southeast (neighbouring farm). Therefore, if prevailing winds are blowing from the northwest, and dust is detectable at the southeastern farm boundary then the dust remedial plan described above will be employed.

A mobile mister will be deployed in the same way as the mobile deodoriser described in the odour management plan and mitigation strategy (also provided within this Appendix). The mister will be deployed directly at the operating site, pointing towards the mobile plant and facing the direction of the prevailing winds. There is a permanent water supply at the proposed treatment site, and the mister will apply a spray of water over the operating site as required.

Material acceptance

Any material coming into or out of the operating site at any time will be subject to the pre-acceptance, acceptance, rejection and dispatch criteria (please refer to the quality and process control documentation).

All wastes must be received, inspected, accepted or rejected, handled, kept, despatched and recorded in accordance with the standards specified in 'Process and Quality Control' document.



Noise Management Plan

Problem	Actions to be taken
Fuel deliveries	Fuel will only be delivered during site operational hours.
Lime deliveries	Lime will only be delivered during site operational hours.
Sludge deliveries	Sludge will only be delivered during site operational hours. Site speed limit applies to all vehicles entering/leaving the site, to prevent rattling of empty skips/trailers.
Sludge mixing	All machinery will be fitted with effective silencers. All baffles etc will remain in place and will not be removed.
Sludge loading	All machinery will be fitted with effective silencers. All baffles etc will remain in place and will not be removed.
Vehicles on site	All machinery will be fitted with effective silencers. All baffles etc will remain in place and will not be removed.

Odour Management Plan & Mitigation Strategy

Risk of odour from the sterilisation of sludge from the treatment of urban waste water with product lime:

The lime which will be used to dewater and sterilise the sludge is a commercially produced agricultural lime product, and therefore not subject to Environmental Permitting Regulations. The lime does not emit any notable odour as a parent material. The sludge which is a by-product of the treatment of urban waste water does have an odour, which is likely to be emitted from the site, especially during agitation (e.g. loading or dispatch). The odour will however be largely controlled and managed by carrying out the proposed treatment as it is widely acknowledged that liming malodorous materials can reduce odour emissions. A remedial action plan has been developed in order to mitigate any odour which is not solely suppressed through the liming treatment, and subsequently which may be detectable at the site boundary (described below).

Likely detection

Table 1 below summarises the likelihood that local receptors surrounding the site will detect odour from the proposed dewatering and sterilisation of sludge from the treatment of urban waste water with product lime. The likelihood of odour detection is based on the typical direction of prevailing winds, the locality and distance of the receptors to the operating site as well as the nature of the parent materials to be handled at the site.

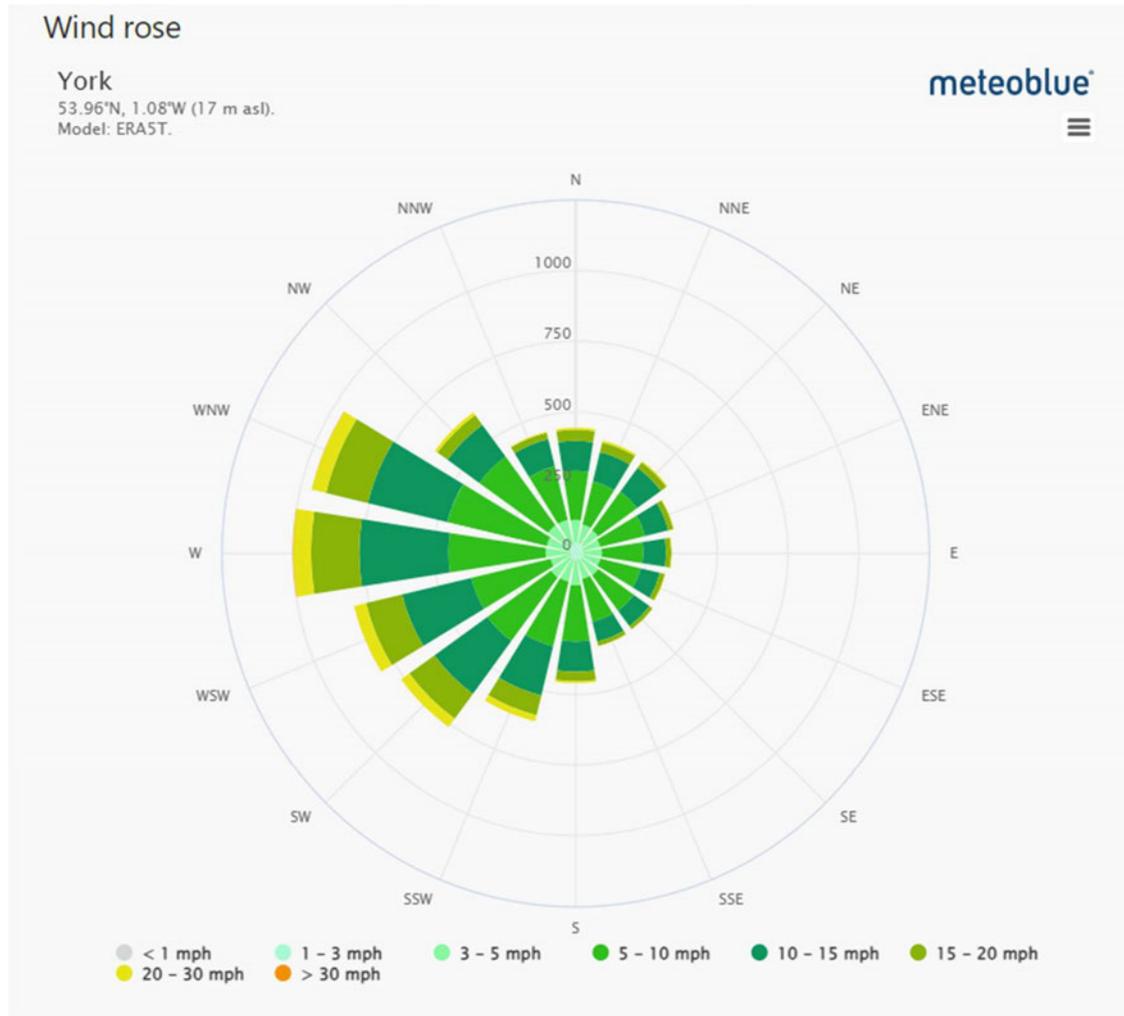
Direction of the prevailing wind in this area (sourced from the Met Office) is predominantly westerly. There are few receptors within close proximity of the proposed operation area. The only receptors which may receive any potential odour carried on the wind will be a neighbouring farm site positioned a minimum of 700m to the southeast of the site. Risk of odour will be mitigated using the strategy outlined below.

Table 1. Likelihood of receptors detecting odour from the registered area at Batrudding Farm, York.

Receptor	Distance from site	Likelihood of odour detection
Neighbouring farmyard/residence SE of site	≥700 m	Unlikely – opposite wind direction and not close in proximity
Site farmyard SW of site	≥ 940m	Unlikely – due to proximity
Public road (also site access road) E of site	≥550m	Likely – due to proximity
Public road (also site access road) W of site	≥ 290 m	Likely – due to proximity and wind direction

Residential property SSW of site	≥ 990 m	Unlikely – due to proximity
----------------------------------	---------	-----------------------------

Figure 1. Typical wind direction for York, England (Source: Meteoblue)



Due to the potential odour which may be emitted from the sludge, the detectability of the odour at the boundary of the farm (i.e. between the operating site and the local receptors) will be checked before new delivery and treatment operations commence. The detectability of the odour at this boundary will be detected according to the wind direction at that present time (i.e. the southern boundary of the farm will be checked if there is a northerly wind blowing on the day of operation). If the odour is detectable at the farm boundary, then operations will only commence if the prevailing wind is blowing away from any potential receptors.

Mitigation strategy (remedial actions)



If an odour complaint directly relating to the operation (and not other odours relating to other on-farm activities) is received then 4Recycling will take the following remedial measures to control the odour so that operations can commence again;

1. Immediately stop operation of mobile plant
2. Determine wind direction to identify potential receptors of odour emissions which may have become detectable during operation and record findings
3. Determine the detectability of the odour at the location of complaint and record findings
4. Re-check the detectability of the odour at the boundary (location according to wind direction) and record findings
5. Check odour at the farm boundary and at the location of the complaint frequently after operation of mobile plant was stopped
6. After 60 minutes;
 - a. If odour is no longer detectable at the farm boundary or at the location of complaint then 4Recycling will commence the operation and check odour detectability at both locations regularly throughout operation.
 - b. If odour remains to be detectable at the farm boundary/location of complaint then operations will be ceased, and any mixed material will be stockpiled. Odour emission is likely to be reduced once the lime is mixed with the sludge. A deodoriser will be temporarily used until the odour is mitigated. Odour detection will be checked hourly, and findings will be recorded. Any mixed material will be stopped from leaving the operation area until the odour has subsided. Deliveries of parent materials onto site will be allowed.
 - c. If odour is detectable for more than three days at the farm boundary or at the location of complaint then 4Recycling will cancel any future incoming loads of sludge and remove any material that is present in the operation area. Materials will only be removed when it is not windy and when prevailing winds are directing away from any potential receptors.

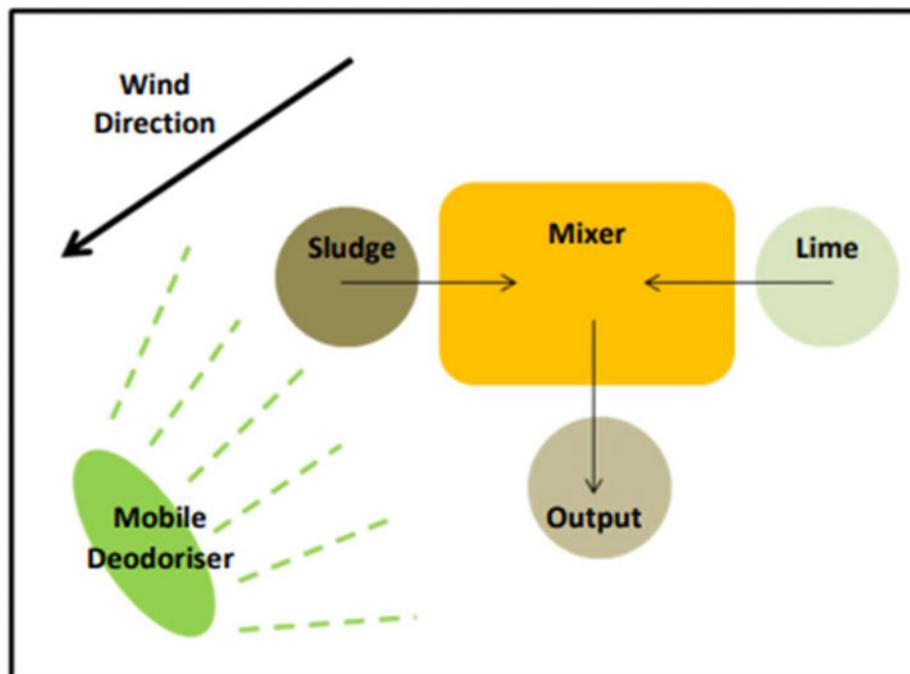
Mitigation strategy deployment – triggers and method

Use of the deodoriser will be triggered by complaint of odour, or if the odour from the operation is detectable at the farm boundary in the direction of receptors as described above. The closest residential receptor (aside from those at the site) to the operation site at Batrudding Farm is a minimum of 700m away to the southeast. Therefore, if prevailing winds are blowing from the northwest and odour is

detectable at the southeastern farm boundary then the odour remedial plan described above will be employed. A mobile deodoriser will be deployed directly at the operating site, pointing towards the mobile plant and facing the direction of the prevailing winds (Figure 2 below). The deodoriser will apply a deodorant over the operating site. The type of deodoriser that will be used will be similar to the following;

“The mobile unit comprises of an 1,100 litre bowser which is powered by a diesel generator. The galvanised steel telescopic mast which can be raised to a height of four and a half metres supports the fan and atomiser assembly. Fitted to the base of the unit is a pump which delivers the odour neutraliser to the atomiser, the flow to the atomiser is controlled by an integral flow meter which is adjustable between 0.2 and 3.0 litres per minute. These mobile units provide an effective and immediate solution in remote problem areas” (Source: Odour Control Ltd).

Figure 2. Location of deodoriser to be used in response to odour detectability triggers



Material acceptance

Any material coming into or out of the operating site at any time will be subject to the pre-acceptance, acceptance, rejection and dispatch criteria (please refer to the quality and process control documentation).



COMMERCIAL IN CONFIDENCE

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Odour Management Plan for 4Recycling Ltd

Batrudding Farm
Back Lane
York
YO23 7BN

3rd October 2025

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4Recycling Ltd. t/a 4R Group, Control House, A1 Business Park, Knottingley Rd, Knottingley,
West Yorkshire. WF11 0BU

Tel: 0800 012 1769 | Email: info@4r-group.co.uk | Web: www.4r-group.co.uk

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Scope and Contents of the Plan

This Odour Management Plan (OMP) has been developed in line with the Environment Agency's H4 Odour Guidance and is associated solely with the waste operations at Batrudding Farm (4Recycling Ltd). The OMP will be used to ensure compliance with the environmental permit condition(s) and to ensure a robust monitoring regime is in place to ensure continued compliance.

Odour condition

'Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in an approved odour management plan, to prevent or where that is not practicable to minimise the odour'

The OMP details the following:

Scope and Contents of the Plan	2
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2. Site Operations	6
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4. Potential Sources of Odour Emissions	14
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1. Site location & Potential Odour Receptors

The national grid reference for the centre of the Batrudding Farm liming site is OSR Grid Ref SE 57850 42730.

The site is currently under deployment accepting biosolids to lime treatment.

The operational areas of the site are entirely concreted and is situated within a bunded area that drain to the sealed tank on the site.

The site is surrounded by agricultural land and the nearest receptors are shown below and in table 1 below.

Table 1 sensitive receptor details

Receptor	Distance	Direction
Neighbouring farmyard/residence	>700m	SE
Site farmyard	>940m	SW
Public road (also site access road)	>550m	E
Public road (also site access road)	>290m	W
Residential property	>990m	SSW

**See site plan for receptors relative to site*

2. Site Operations

2.1 Permitted activities

The permit for the site will provide details of permitted activity, waste types and quantities. The site will be regulated by the Environment Agency under the Environmental Permitting regulations and is subject to stringent environmental protection management controls to comply with the relevant environmental standards.

Figure 2: Site Plan



Biosolid wastes will be accepted and will be chemically treated using lime to reduce *salmonella* spp. and *E. coli*, improving its suitability to be spread to land.

Biosolids have a greater potential to generate odours, however the above mentioned will assist in reducing this.

The Code of Practice applies to the use of sewage sludge on agricultural land in the United Kingdom.

The Code has been prepared to complement the Sludge (Use in Agriculture) Regulations 1989 (SI 1989, No. 1263) covering Great Britain, and the Sludge (Use in Agriculture) Regulations (Northern Ireland) 1990 (SR 1990, No. 245), which enforce the provisions of the EC Directive 86/278/EEC, on the protection of the environment, and in particular of the soil, when sewage sludge is used in

4Recycling Ltd. t/a 4R Group, Control House, A1 Business Park, Knottingley Rd, Knottingley,
West Yorkshire. WF11 0BU

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agriculture. Its recommendations are based upon the best available scientific evidence and are in conformity, where relevant, with the requirements of the Regulations.

For the purpose of the Code of Practice sewage sludge is defined as residual sludge from sewage plants treating domestic or urban waste waters.

2.2 Potential odour sources and activities

Measures to control odour have been considered in the context of the setting and the operations that are undertaken.

Identified operations have the potential to produce and release odour at the site are described below.

The table is an inventory of the waste material, descriptions and quantities that are potential odour sources.

Table 4 Potential odour sources.

Description	Sources include	Quantities	Comments
Sewage wastes/Biosolids	Domestic OWTS	<160t per day in peak periods	Treated, temporarily stored and despatched from site

Odours emitted from the sources identified above are emitted to air and have the potential to be conveyed to the nearby receptors via transfer through the atmosphere.

The extent to which odour is detectable downwind and the intensity and character of such odours is dependent upon the following factors:

- The nature and magnitude of odorous emissions released from the source.
- Wind direction and wind speed.
- Atmospheric turbulence (vertical and horizontal) and the level of dilution and dispersion odours undergo as they travel downwind.

All of these factors can exhibit substantial variation over time.

2.3 Waste receipt and storage

The potential for odour generation during receipt and offloading of biosolids is directly influenced by the nature of the incoming wastes, the time of year and the extent of any degradation. The extent of degradation of raw materials will effectively be determined by the age of the waste and ambient temperatures, i.e. during hot periods of extended retention materials with higher odour potential will be delivered to site.

Biosolids will be delivered in an enclosed/sheeted trailer in order to reduce odour and risk of spillage on route.

2.4 Potential odour sensitive receptors

The site is situated in a rural location with few other properties in the vicinity (see table 1). There are no receptors downwind of the site for a considerable distance.

2.5 Management of operations

It is anticipated that up to 74,999 tonnes of waste material will be processed at the Batrudding site annually.

2.6 Underlying Principles of Odour Management at the Site

The underlying principles that will be adopted in managing odours at this site are based on:

2.7.1 Managing waste inventories.

- a) Treatment of odorous wastes as soon after they arrive at site as practicable,
- b) exporting products as soon as practicable within the constraints of receiving sites (e.g. soil moisture, and cropping), and
- c) minimising waste and product stock levels on site both to reduce odour emissions and to provide the commercial opportunities to make maximum use of the facility.

As the volumes and waste types at the site will vary on a day-to-day basis, operatives will be trained to risk assess odour potential of incoming loads to ensure as smooth a process as possible minimising downtime of treatment too reduce odour.

2.7.2 Using basic house-keeping and other good management practices to reduce odour emissions at source and the impact of odours on the community including:

- a) Rejecting individual loads and generic wastes streams with unacceptably high odour emissions and odour potentials
- b) Keeping vehicles and their wheels clean when delivering and collecting wastes and products, and particularly when leaving the site.
- c) Keeping working areas clean and free from spills during the day and particularly at the end of shifts.
- d) Cleaning and washing out un-used/empty storage areas.

2.7.3 Taking steps to prevent or reduce volatilisation or evaporation of odorous chemicals from the odorous wastes and processed materials by making use of covered or fully enclosed delivery containers, trailers and tankers.

2.7.4 Taking advantage of the isolated location of the site which was specifically selected to provide dispersion of odours and control impacts at potential receptor locations.

2.7.5 Carrying out proactive, routine off-site sniff surveys and monitoring to detect any off-site impacts, and thoroughly investigating any odour complaints with an open mind, so that remedial actions can be taken to mitigate or abate sources of unacceptable off-site odours.

2.7.6 Preparing plans and procedure to minimise the odour impact of foreseeable potential breakdowns, emergency and exceptional events.

3. Inventory of Odorous Materials

3.1 Material assessment

The quantities of wastes received, processed and stored at the site will be determined by a number of factors, including market demands, receiving land soil and cropping conditions (for the application and re-use of treated waste products) and seasonal factors.

In favourable conditions wastes may be processed or treated and moved off site within a matter of days, for example when treated products are able to be exported off-site to suitable land immediately after harvest. In other circumstances treated waste products may need to be held in the designated storage areas on the site if soil moisture conditions preclude export for beneficial re-use.

Table 3.0 below lists typical or illustrative storage capacities of the various storage areas at the site which may be used to hold or store wastes and products. Storage capacity limits will be determined and imposed if it is discovered during routine monitoring of boundary and off-site odour levels that storage of waste is responsible for unacceptable levels of off-site odours. If it is discovered that storage of waste causes unacceptable off-site odour impacts, then either quantity of such material on-site will be reduced, or additional odour control measures will be put in place for that material.

3.2 Record keeping

The following details will be recorded for each delivery where waste is accepted at the site.

- a) The date and time of delivery.
- b) The name and address of the waste producer.
- c) The detailed and accurate description of the waste including type, quantity (in tonnes and/or cubic metres) and EWC codes.
- d) How the waste is contained e.g. loose, container type.
- e) The carrier's name and address.
- f) Driver's name, signature and vehicle registration No.
- g) Signature or initials of person(s) producing/ accepting/ inspecting/ carrying the waste.
- h) Additional handling details/notes made by the driver after inspection of the load.
- i) SIC code of the premises which produced the waste (where relevant).
- j) Waste hierarchy declaration.
- k) Information on previous treatment of the waste e.g. manual or mechanical.

3.3 Stockpile management

Unprocessed and processed waste will be stored in stockpiles and separated. The range of time for each stockpile will depend on how much material has been brought on site. Target time scales are for one week of untreated material and 3 weeks of treated materials.

The remaining sections of this OMP will set out the control measures and monitoring programme in place to ensure that the waste materials do not give rise to unacceptable off-site odour impacts.

4. Potential Sources of Odour Emissions

Below is a list of potential sources of odour attributable to the old peat works and its operations;

1. **Importing of waste materials to site** – waste materials delivered to site via HGV movements.
2. **Reception of waste materials.** – the tipping and unloading of waste materials from delivery trailers/container to site Reception Area.
3. **Moving and handling of waste materials** – the mechanical movement of waste material from Reception Area to Process Area and from Process Area to Storage Area.
4. **Processing and treatment of waste materials** – the mechanical handling, mixing and agitation of waste materials to form organic products.
5. **Storage of resulting product** – the controlled storage of organic product within pre-defined storage areas.
6. **Loading of product for export from site** – the mechanical movement of organic product from the pre-defined storage areas to trailer/container for export from site.
7. **Management of site operations** – the process, procedures and monitoring implemented to ensure efficient movement through steps 1 – 6 above.

5. Controlling and Prevention of Odour Emissions

The following sections/tables detail the control measures in place to prevent or minimise odour emissions from the potential sources identified in section 4.0. The sections are divided into day-to-day operations and emergency/incidents to ensure that all potential risks of odour emissions have been identified and that appropriate measures are in place to control or prevent these.

5.1 Importing of waste materials to site

5.1.1 Day to day operations

Control	Effects	Outcome
Haulage contractors will be obliged to use trailers/containers/tankers that are fit for purpose e.g. fully sheeted, and sealed tailgates. Odorous wastes will not be accepted unless trailers and/or	Use of covered, enclosed and/or sealed transport helps control emissions and evaporation of odours and odorous compounds from	Control of fugitive emissions during transportation to site

4Recycling Ltd. t/a 4R Group, Control House, A1 Business Park, Knottingley Rd, Knottingley, West Yorkshire. WF11 0BU

Tel: 0800 012 1769 | Email: info@4r-group.co.uk | Web: www.4r-group.co.uk

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<p>containers/bodies are sheeted or covered when they arrive at the site.</p> <p>Only clean HGV will be accepted on the site (dirty vehicles will be rejected).</p> <p>Residues of waste will be washed off delivery and collection vehicles and specifically washed off their wheels (after unloading or loading) before they leave the site. To prevent odorous vehicle movements off-site</p>	<p>wastes during transport to site</p> <p>Keeping vehicles and wheels cleans prevents surface odour emissions from waste residues</p>	
<p>Emptied storage areas, and work areas waste contaminated areas will be cleaned during daily operations.</p>	<p>Cleaning surfaces to remove residual residues will control surface emissions and evaporation of odours and odorous compounds from surfaces which would otherwise be contaminated.</p>	<p>To reduce the potential for odour emissions and potential for fugitive emissions.</p>
<p>A delivery schedule will be in place to distribute deliveries evenly throughout the operational day to avoid potentially odorous traffic congestion during peaks in waste delivery volumes caused by the time it takes to unload vehicles</p>	<p>Control the potential for odour emissions from standing/waiting vehicles by limiting the number of vehicles on site at any time and therefore controlling the emitting areas in/on vehicles.</p>	<p>Reduce the potential for odour emissions from standing/waiting vehicles.</p>
<p>Haulage contractors will be prohibited from overnight parking on the site access roads</p>	<p>Prevent loaded vehicles acting as an overnight source of off-site fugitive odour emissions in the area around the site.</p>	<p>Control of fugitive emissions during transportation to site.</p>
<p>Only approved haulage contractors will be used, regular auditing will ensure quality, compliance and safety standards are maintained. Pre-acceptance audits of waste materials.</p>	<p>To ensure that only drivers who are familiar with good practices (e.g. sheeting loads, keeping vehicles clean), and that only clean, well maintained vehicles are used for waste deliveries</p>	<p>Reduce the potential for odour emissions</p>

5.1.2 Emergency/Incident

Emergency/Incident	Control	Outcome
<p>HGV breakdown when on site</p>	<p>Trailers and containers to be kept covered whilst waiting for repair or recovery (whether loaded or empty), Haulage Contractor to arrange recovery or repair.</p>	<p>Minimise breakdown time and reduce the potential for odour emissions</p>

Failure to trailer/container/ tanker resulting in spillage on site	Deploy spill control procedure. Contain spillage until stable and transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions
Fire to HGV on site	Fire Marshall to assess fire and extinguish if safe. Contact emergency services if required. When situation made safe transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions

5.2 Reception of waste materials

5.2.1 Day to day operations

Control	Effects	Outcome
Delivery drivers will receive a site induction and sign safe systems of work to ensure compliance with procedures.	To ensure drivers appreciate the critical importance of clean vehicles and correct use of covers, sheets and access doors etc. to minimise emissions of odours both on-site and off-site.	Reduce the potential for odour release
Only clean HGVs will be accepted on the site to ensure that drivers do not attempt to make deliveries with "dirty" or contaminated vehicles. Dirty vehicles will be rejected.	Keeping vehicles and wheels clean prevents surface odour emissions from waste residues	To ensure that delivery vehicles are clean before they arrive at site and to thereby minimise the off-site impact of vehicle movements.
Traffic management plan will be implemented to ensure efficient turnaround times thus minimising time on site. Routes will also be optimised to minimise transient odour impacts on properties neighbouring access routes	Prevent queuing and parking odour odorous loaded vehicles acting as localised source of off-site fugitive odour emissions in the area around the site, and to limit odour by minimising the number of vehicles on the site at any time	Reduce the potential for odour emissions
Compliance monitoring will be undertaken by site staff to ensure drivers adhere to procedures	To ensure that drivers follow odour management plan "rules" and only use clean vehicles and maintain the correct use of covers, sheets etc. to minimise the evaporation and emission of odours both on-site and off-site.	Reduce the potential for odour emissions

5.2.2 Deliveries

Day to day operations

Control	Effects	Outcome
Trailers/containers will only remove sheets or covers just prior to tipping.	Prevents any wind striping of emissions from wastes within the vehicles prior to tipping.	Reduce the potential for odour emissions.

4Recycling Ltd. t/a 4R Group, Control House, A1 Business Park, Knottingley Rd, Knottingley, West Yorkshire. WF11 0BU

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5.2.3 Emergency/Incident

Emergency/Incident	Control	Outcome
Failure of trailer/container/tanker and/or delivery hoses and pipes during delivery process resulting in spillage on site	Deploy spill control procedure. Contain spillage until stable and transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions
Impact/collision of delivery vehicle causing spillage on site	Deploy spill control procedure. Contain spillage until stable and transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions
Fire to delivery vehicle during transfer of material to storage vessel	Contact emergency services Fire Marshall to assess fire and extinguish if safe. When situation made safe transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions

5.3 Moving and handling of waste materials

Day to day operations

Control	Effects	Outcome
Planned Preventative Maintenance schedule in place to maintain equipment and to help reduce the risks of breakdowns and unplanned outages..	Prompt repair of processing equipment will minimise the delays in processing wastes that are on the site when an incident occurs, and therefore minimising the potential for odorous decay in that stored wastes, and any subsequent increases in emissions during processing.	Repair equipment, minimise downtime event and reduce the potential of fugitive emissions

5.3.1 Emergency/Incident

Emergency/Incident	Control	Outcome
Failure or breakage of equipment resulting in spillage on site	Deploy spill control procedure. Contain spillage until stable and transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions

Fire to equipment causing spillage on site	Contact emergency services if required. Fire Marshall to assess fire and extinguish if safe. When situation made safe transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions
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5.4 Processing of waste materials

Day to day operations

Control	Effects	Outcome
All processing of waste materials to create limed biosolids will be undertaken within a fully enclosed mixing plant		Control of fugitive emissions
Processing of waste materials typically within 48 hours of arrival at the site	Prompt treatment delays the potential for further odorous decay of wastes whilst on site and thereby helps reduce odour emissions during processing and subsequent storage of processed wastes	Reduce the potential of fugitive emissions
Planned Preventative Maintenance schedule in place to maintain equipment.	Prompt repair of processing equipment will minimise the delays in processing wastes that are on the site when an incident occurs, and therefore minimising the potential for odorous decay in those stored wastes, and any subsequent increases in emissions during processing.	Repair equipment, to minimise downtime event and reduce the potential for fugitive emissions

5.4.1 Emergency/Incident

Emergency/Incident	Control	Outcome
Severe weather conditions including lightening and or gale force winds cause damage will be recorded as part of site diary. Impacts on receptors assessed as	Suspend treatment activities until weather event has passed. Assess damage and repair before recommencing operations Suspend treatment activities until weather event	Control the event, minimise the duration and reduce the potential for odour emissions

conditions dictate	has passed. Assess damage and repair before recommencing operations. Storage of wastes outdoors should not be affected by severe weather site as area is bunded to cope with excess rainfall/flooding.	
Fire to the premises	Contact emergency services if required. Fire Marshall to assess fire and extinguish if safe. When situation made safe transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions

5.5 Storage of resulting product

Day to day operations

Control	Effects	Outcome
After a short time a crust typically forms over the surface area of the stockpiles which will further reduce odour generating potential from materials stored in the storage bays	The surface crust that forms over the surface of stockpiles of mixed and processed/treated wastes prevents the majority of surface emissions from stored materials in the building and from the surface of storage bays	Reduce the potential of fugitive emissions.
An odour assessment of stockpiles will be made each day and form part of the site odour monitoring regime. In the event that a particular batch of organic product stored is found to be generating odour emissions then it will be covered.	Detecting any batches of organic product stored that are generating high odour emissions so that appropriate remedial measures can be employed, such as covering	Reduce the potential of fugitive emissions.

5.5.1 Emergency/Incident

Emergency/Incident	Control	Outcome
Impact/collision of vehicle causing spillage on site	Deploy spill control procedure. Contain spillage until stable and transfer material to designated storage area	Control the event, minimise the duration and reduce the potential for odour emissions

<p>Severe weather conditions including lightening and or gale force winds cause damage to storage vessel</p>	<p>Suspend treatment activities until weather event has passed. If safe deploy spill control procedure. Contain spillage until stable and transfer material to designated storage area</p>	<p>Control the event, minimise the duration and reduce the potential for odour emissions</p>
<p>Severe weather conditions, prolonged heavy rain, deluge creates excessive levels of leachate</p>	<p>Ensure that storage tanks have capacity for this event. 24hour emergency callout arrangement with haulage contractor and access to water treatment works.</p>	<p>Control the event, minimise the duration and reduce the potential for odour emissions</p>

5.6 Loading of product for export from site

Day to day operations

Control	Effects	Outcome
<p>Haulage contractors to use trailers/containers/tankers that are fit for purpose e.g. fully sheeted, sealed tailgates.</p> <p>If HGV are exporting more than one load, then empty vehicles must be sheeted before they return to the site for re-loading to minimise odour emissions in transit from the internal surfaces of the containers/trailers when returning to the site empty.</p>	<p>Use of covered, enclosed and/or sealed transport helps control emissions and evaporation of odours and odorous compounds from wastes during transport to site</p> <p>Keeping vehicles and wheels clean prevents surface odour emissions from waste residues</p>	Control of fugitive emissions during export from site
<p>A collection schedule will be in place to distribute collections evenly throughout the operational day to avoid congestion, peak volumes, loading delays and routed via alternative routes to minimise impacts on particular receptors</p>	<p>To control the potential for odour emissions from standing/waiting vehicles by limiting the number of vehicles on site at any time and therefore controlling the emitting areas in/on vehicles.</p>	Reduce the potential for odour emissions
<p>Loading of product will take place by positioning the collection vehicle adjacent to the stockpile designated for collection to minimise loading times.</p>	<p>To minimise the duration of surface emissions from disturbed materials.</p>	Reduce the potential for odour emissions
<p>Loading of organic product from stockpile and tipping into trailers/containers has the potential to generate odour emissions. Therefore, when loading is planned an assessment of wind conditions will be made. If wind direction is towards receptors and wind speed is high then loading will be minimised.</p> <p>The loading area will be kept clean by periodic cleaning/brushing and/or washing down during the day and at the end of each working day to minimise emissions from yard surfaces.</p>	<p>To minimise the risks of any higher levels of odours which may be generated by loading being carried towards sensitive receptors.</p> <p>Cleaning surfaces to remove residual residues will control surface emissions and evaporation of odours and odorous compounds from surfaces which would otherwise be contaminated.</p>	Control of fugitive emissions during loading of product.
<p>Haulage contractors will be prohibited from overnight parking on the site access roads.</p>	<p>Prevent loaded vehicles acting as an overnight source of off-site fugitive</p>	Control of fugitive emissions during transportation to site.

4Recycling Ltd. t/a 4R Group, Control House, A1 Business Park, Knottingley Rd, Knottingley, West Yorkshire. WF11 0BU

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<p>Collections vehicles must be clean before they leave the site and in particular wheels should be washed if necessary to remove any contamination before leaving the site.</p>	<p>odour emissions in the area around the site.</p> <p>Cleaning surfaces to remove residual residues will control surface emissions and evaporation of odours and odorous compounds from surfaces which would otherwise be contaminated.</p>	
<p>Only approved haulage contractors will be used, regular auditing will ensure quality, compliance and safety standards are maintained.</p>	<p>To ensure that only drivers who are familiar with good practices (e.g. sheeting loads, keeping vehicles clean), and that only clean, well maintained vehicles are used for waste deliveries</p>	<p>Reduce the potential for odour emissions</p>

5.6.1 Emergency/Incident

Emergency/Incident	Control	Outcome
<p>HGV/plant breakdown when on site</p>	<p>Haulage Contractor to arrange recovery or repair. Ensure that any contaminated or loaded containers and trailers are sheeted whilst awaiting repair or recovery</p>	<p>Minimise breakdown time and reduce the potential for odour emissions</p>
<p>Failure to trailer/container/tanker resulting in spillage on site</p>	<p>Deploy spill control procedure. Contain spillage until stable and load product onto another collection vehicle</p>	<p>Control the event, minimise the duration and reduce the potential for odour emissions</p>
<p>Fire to HGV/Agricultural plant or loading shovel on site</p>	<p>Contact emergency services if required. Fire Marshall to assess fire and extinguish if safe. . When situation made safe transfer material to designated storage area</p>	<p>Control the event, minimise the duration and reduce the potential for odour emissions</p>

5.7 Management of site operations

Day to day operations

Control	Effects	Outcome
The site will be managed in accordance with an Environmental Management System which will incorporate Standard Operating Procedures (SOPs)	Continuing compliances with SOPs and staff training will be used as a means of helping to ensure that site personnel and sub-contractors follow "procedures" and guidance set out in the OMP, and other good practices to help control fugitives and other odour emissions. For example all staff must be aware of good door management practices	Reduce the potential for odour emissions
Operations will be overseen by the technically competent site manager. All staff will receive training relevant to their role and a record of this training will be maintained on file		Reduce the potential for odour emissions
The site, its operations and procedures will be routinely audited to ensure continued compliance.		Reduce the potential for odour emissions
The objective of the management system will be to ensure that all site operations are carried out in a safe manner and that they incorporate the odour control measures identified in section 5.0. In addition a site monitoring regime will be in place and is detailed in section 7.0.		Reduce the potential for odour emissions

5.8 Maintenance

All process equipment will be subject to a Planned Preventive Maintenance ('PPM') schedule in order to reduce the risks of unplanned downtime events. The schedule covers all items of plant and equipment used on site including mobile plant, etc. Tasks for each item of equipment are generated by assessing site staff and manufacturers recommendations. If during the task or at any other time during the month a fault is detected, then a breakdown sheet will be issued and the fault rectified. Breakdown sheets will allow the monitoring of plant and equipment and for areas for improvement to be identified.

For larger repair jobs a network of sub contractors will be available on a call out basis.

Arrangements will be in place for the replacement of mobile plant in the event that it will be down for longer than 12 hours.

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6. Odour Management Risk Assessment

The following odour management risk assessment has been completed using the Environment Agency H1 “Environmental Risk Assessment” guidelines and based on the approaches outlined above.

Batrudding Farm Liming Site – Risk Assessment for Identified Odour Sources and Mitigation Measures

Hazard	Likelihood of Occurrence	Managing Inventory	Controlling Evaporation	Containment	Dispersion	Reduce Impacts	Revised Likelihood of Occurrence
<p>Processing of waste materials</p> <p>Hazards identified in section 5.4</p>	High	Wastes processed as soon as practically possible after arriving on site	Processing within an enclosed system	Processing within enclosed system	<p>Enclosed processing of wastes with odour generating potential</p> <p>Facilities are at large separation distances from closest sensitive receptors</p> <p>Weather station used to determine wind direction and speed and to inform site operations.</p>	<p>Enclosed processing of waste.</p> <p>Facilities are at large separation distances from closest sensitive receptors</p> <p>Daily monitoring programme to assess odour at the site boundary.</p>	Low
<p>Storage of organic products</p> <p>Hazards identified in section 5.5</p>	Medium		<p>Storage in fit for purpose</p> <p>Stored externally in confined bays. Time and inventory controls to minimise/ control volume and length of time on site</p>	<p>Storage in fit for purpose</p> <p>Stored externally in confined bays</p>	<p>Storage in fit for purpose</p> <p>Facilities are at separation distances from closest sensitive receptors</p> <p>Stored externally with daily monitoring programme.</p>	<p>Daily monitoring programme to assess odour at the site boundary</p>	Low

Hazard	Likelihood of Occurrence	Control Measures					Revised Likelihood of Occurrence
		Managing Inventory	Controlling Evaporation	Containment	Dispersion	Reduce Impacts	
Import of waste materials to site Hazards identified in section 5.1	High	Delivery schedule to be implemented to ensure even distribution of deliveries to site throughout the working day.	Fully enclosed and/or sheeted deliveries. Delivery vehicles must be clean, or will be rejected	Fully enclosed and/or sheeted deliveries	Weather station used to determine wind direction and speed and to inform site operations.	Sub-contractor monitoring programme in place to assess performance of haulage companies and suitability of equipment. Use dynamic routing to avoid over use of any particular route	Low
Reception of waste materials Hazards identified in section 5.2	High	Wastes processed as soon as practically possible after arriving on site		Storage in fit for purpose	Facilities are at large separation distances from sensitive receptors	Facilities are at large separation distances from sensitive receptors	Low
Moving and Handling of waste materials Hazards identified in section 5.3	Medium	Wastes processed as soon as practically possible after arriving on site			Facilities are at large separation distances from sensitive receptors Weather station used to determine wind direction and speed and to inform site operations.	Daily monitoring programme to assess odour at the site boundary. Facilities are at large separation distances from closest sensitive receptors	Low

Hazard	Likelihood of Occurrence	Managing Inventory	Controlling Evaporation	Containment	Dispersion	Reduce Impacts	Revised Likelihood of Occurrence
<p>Export of products from site</p> <p>Hazards identified in section 5.6</p>	<p>Medium</p>	<p>Export schedule to be implemented to ensure even distribution of collections from site throughout the working day.</p>	<p>Fully enclosed and/or sheeted collection vehicles</p>	<p>Fully enclosed and/or sheeted collection vehicles</p>	<p>Use weather station data to determine wind direction and speed and to inform site operations.</p> <p>Facilities are at separation distances from closest sensitive receptors</p>	<p>Sub-contractor monitoring programme in place to assess performance of haulage companies and suitability of equipment.</p> <p>Vehicles checked for cleanliness and contamination washed off wheels before leaving site.</p> <p>Collection vehicles sheeted before arriving at site if returning of loads with residues in bodies/trailers.</p>	<p>Low</p>
<p>Management of site operations</p> <p>Hazards identified in section 5.7</p>	<p>High</p>	<p>Wastes received as per permitted waste list set out in Environmental Permit</p> <p>Wastes assessed for odour generating potential and rejection procedures for vehicles arriving without covers</p> <p>Wastes monitored and assessed for suitability for site/process.</p>	<p>Continued monitoring of all stages of the site operations to include;</p> <p>Delivery vessel integrity Storage integrity Processing Techniques Storage Locations</p>	<p>Continued monitoring of all stages of the site operations to include;</p> <p>Delivery vessel integrity Storage integrity Processing Techniques Storage Locations</p>	<p>Daily monitoring programme to assess odour at the site boundary.</p> <p>Weather station used determine wind direction and speed and to inform site operations.</p> <p>Facilities are at separation distances from closest sensitive receptors</p>	<p>Continued monitoring and auditing to ensure continued compliance and opportunities for improvement identified.</p>	<p>Low</p>

7. Odour Monitoring and Overall Control Measures

4Recycling Ltd will employ the monitoring techniques outlined below to ensure that control measures (Section 4) are effective, and that operational procedures are followed and that good practices are being implemented:-

- Site inspections by the site manager or competent person.
- Site audits conducted by the company.
- Site audits and inspections by the Environment Agency.
- Management Reviews are carried out annually or when there is a change in operations/identified issues.

7.1 Responsible Persons

All site personnel are responsible for immediately reporting odour problems to the site manager.

The site manager or competent person will carry out any odour monitoring that may be required.

7.2 Meteorological Conditions

Meteorological forecasts and conditions shall be monitored to enable potential odour problems to be predicted and if necessary, remedial actions such as modifications to the method of working or the use of abatement techniques are to be implemented.

Meteorological data will be recorded as below in Table 5.

Table 5 Meteorological data recording

Monitoring requirements	Frequency
Observed description of conditions: precipitation, drizzle, rain, sleet, snow,	Daily
Wind speed and direction, temperature and rainfall	Daily

7.3 Olfactory monitoring

Odour shall be monitored at a point downwind of the operation at the site boundary and observations shall be noted in the site diary. This will be done by a site operative before commencement of his normal duties, to combat adaptation to odours. Staff from other roles will be called in to carry out monitoring if necessary.

Surveys shall be carried out in accordance with the monitoring protocol contained within the Environment Agency's Technical Guidance Note 4. These surveys shall be undertaken when the site manager deems appropriate but will automatically be undertaken after a complaint has been received. The odour assessor should not be subject to significant odour in the 30 minutes prior to the assessment and shall be compliant with the requirements laid down in the Olfactory Survey procedure/report form. This is to ensure that monitors are not suffering from odour fatigue and will be sensitive to odours.



*Predominant wind direction - W

If odour is detected off-site, then the facility manager (or competent person) will be notified immediately and the olfactory survey procedure will be carried out to determine the scope and extent of the odour plume, as follows:

- A suitable location downwind of the facility and potentially sensitive receptor at which the odour plume is unlikely to extend will be selected for assessment.
- The survey will continue toward the facility until odour is perceived.
- Assessment points perpendicular to the plume axis and equidistant from the site will then be monitored, subject to access requirements.
- The survey is to continue at the site so that the source of the odour can be identified i.e. reception area, stockpile etc; once the source has been located corrective actions can be taken.

7.4 Complaint monitoring

Complaints shall be recorded on the complaints register [OMP_OCR] and will include:

- date and time,
- nature of complaint,
- name of complainant (if given),
- a summary of investigation and actions taken and their results.

In the event of a complaint the olfactory survey will be undertaken as detailed in OMP_STP. The monitoring protocol is adapted for the site from Environment Agency guidance documents for the regulation of odour at waste management facilities.

The odour assessor shall undertake odour observation at the location of the complaint and at potentially sensitive receptor locations downwind from the site. At each location observations shall be made concerning odour intensity, persistence and character.

Details will be logged following the instruction provided in the pro forma. Monitoring shall additionally endeavour to identify the scope and extent of the odour plume described in Section 6.3.

7.5 Records

Daily records shall be maintained and include the following details:

- Results of inspections and any olfactory monitoring carried out by site personnel.
- Weather conditions including wind speed and wind direction.
- Operational problems including date, time, duration, and cause of problem.
- Complaints received including address of complainant (if available).
- Details of corrective actions taken, and any subsequent changes to operational procedures.
- An evaluation of the effectiveness of control and abatement techniques used.

8. Compliance action plans

8.1 Control levels

Table 6 Control levels

Parameter	Monitoring technique	Control level
Odour	Olfactory on-site monitoring	Intensity of 4/6 recorded either during waste reception or loading.
Odour	Olfactory off-site monitoring	Odour Intensity 3 out of 6 recorded at sensitive receptor. <i>Persistent/transient nature noted and considered.</i>

8.2 Compliance actions

Exceedance of the control level will necessitate further investigation into the causes and indicate whether further monitoring is required.

Actions to be taken in the event of an exceedance will be dictated by the nature and extent of the exceedance(s) (e.g. by considering the magnitude of exceedance and whether it was event driven or on-going). Consideration will be given to other factors such as weather conditions.

8.3 Response to complaints

Receipt of an odour complaint during normal operations is treated as an exceedance of control levels. The primary response will be as detailed in accordance with the site's complaint procedure.

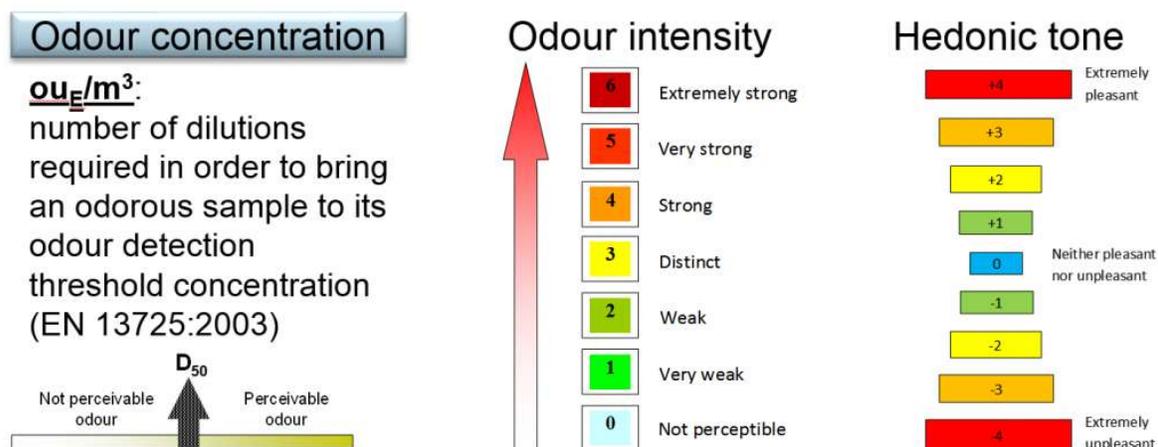
An investigation shall be initiated into the cause of the complaint, this will involve as necessary:

- An olfactory survey following the procedure detailed in Section 6.3.
- An examination of the site activities at the time of the complaint.
- An examination of the meteorological conditions at the time of the complaint.
- A review of the effectiveness of operational and odour control procedures.

The outcome of the investigation will determine the corrective actions to be implemented (see Section 8.5 below).

8.4 Detection of moderate odour during olfactory survey

Detection of a distinct odour (i.e. 3 out of 6 on the odour intensity scale below) will initiate a more extensive olfactory survey to determine the extent of the odour plume (as described in Section 6.3).



An investigation will be initiated into the cause of the odour.

This shall involve as necessary: -

- A review of site activities at the time of the olfactory survey.
- A review of the meteorological conditions at the time of the olfactory survey.
- A review of the effectiveness of process operations and odour control procedures.

- A review of batch monitoring data.

8.5 Corrective Actions

The outcome of an investigation will determine the corrective actions to be implemented, they will consider but not be limited to:

- Alteration to waste reception procedures which will include controlling the inputs and odour control measures employed.
- Review of pad run-off system.
- Corrective actions will be implemented as soon as practicable.

8.6 Reporting

Exceedance of a control level will be investigated (as described above) and recorded in accordance with 4Recycling Ltd's current procedures.

This includes recording the following:

- Nature of the incident.
- Date of occurrence/s.
- Results of investigations.
- Details of responses/action plans implemented.
- The event will be marked within the site's incident log.

The report will be made available to the Environment Agency on request.

9. Odour management plan review

This Odour Management Plan will be formally reviewed by 4Recycling Ltd, initially six months after commencement of operation, and from then on, on an annual basis as a minimum to ensure that the controls described are effective and reflect best available techniques. In addition, the OMP will be reviewed following any relevant changes in site operations or procedures that are likely to have implications from an odour generation/impact perspective.

Appendix 1

Odour Complaints Reporting Form

Time and date of complaint:	Name and address of complainant:	
Telephone number of complainant:		
Date of odour:		
Time of odour:		
Location of odour, if not at above address:		
Weather conditions (i.e., dry, rain, fog, snow):		
Temperature (very warm, warm, mild, cold or degrees if known):		
Wind strength (none, light, steady, strong, gusting):		
Wind direction (e.g. from NE):		
Complainant's description of odour:		
○ What does it smell like?		
○ Intensity (see below):		
○ Duration (time):		
○ Constant or intermittent in this period:		
○ Does the complainant have any other comments about the odour?		

Are there any other complaints relating to the site, or to that location? (either previously or relating to the same exposure):		
Any other relevant information:		
Do you accept that odour likely to be from your activities?		
What was happening on site at the time the odour occurred?		
Operating conditions at time the odour occurred:		
Actions taken:		
Form completed by:		Date
		Signed

Intensity

- | | | |
|--------------------|------------------|--------------------------|
| 0 No odour | 3 Distinct odour | 5 Very strong odour |
| 1 Very faint odour | 4 Strong odour | 6 Extremely strong odour |
| 2 Faint odour | | |

Appendix 2

Sniff Survey Record Form

Definition

The Odour Management Plan (OMP), as defined, requires that an assessment of odourous substance emissions is undertaken so that the effectiveness of control measures employed can be evaluated.

This is carried out in addition to any odour complaint received by the operator, such that complaints are not relied upon as a method for determining the effectiveness of the control measures used on site.

This assessment is defined as taking preventative action.

Scope

The scope of this procedure applies to all activities operated by 4Recycling Ltd, at the Batrudding Farm liming site.

Sniff testing protocol

The following methodology will be used to follow up complaints.

Where the test is carried out will depend on:

- Location of complaint;
- When trying to establish the source of an odour;
- Wind direction.

The assessment will involve walking along a route that has been selected either because of these factors, or in response to the conditions found upon arrival.

A note will be made of any external activities (such as agricultural practices) that could be either be the source of the odour, contribute to the odour, or be a confounding factor. Odour will become diluted and may change character as this happens.

Please note:

- Staff normally exposed to the odours may not be able to detect or reasonably judge the intensity of odours off-site. It might be better to use office staff or people who have not recently been working on the site to do this.
- Anyone who has a cold, sinusitis or a sore throat, is likely to underestimate the odours.
- To improve (or to check) data quality, get two people to do the test independently at the same time.
- Those doing the assessment should avoid strong food or drinks, including coffee, for at least half an hour beforehand. They should also avoid strongly scented toiletries and deodorisers in the vehicle used during the assessment.

Odour report form			Date		
Time of test					
Location of test e.g. street name etc					
Weather conditions (dry, rain, fog, snow etc):					
Temperature (very warm, warm, mild, cold, or degrees if known)					
Wind strength (none, light, steady, strong, gusting) Use Beaufort scale if known					
Wind direction (e.g. from NE)					
Intensity (see below)					
Duration (of test)					
Constant or intermittent in this period or persistence					
What does it smell like?					
Receptor sensitivity (see below)					

Is the source evident?					
Any other comments or observations					

Sketch a plan of where the tests were taken, the potential source(s).



Intensity	Receptor sensitivity where odour detected
0 No odour	Low (e.g footpath, road)
1 Very faint odour	Medium (e.g. industrial or commercial workplaces)
2 Faint odour	High (e.g. housing, pub/hotel etc)
3 Distinct odour	
4 Strong odour	
5 Very strong odour	
6 Extremely strong odour	
Ref: German Standard VDI 3882, Part 14	



Environmental Risk Assessment

Batrudding

September 2025

1. Introduction

The following qualitative risk assessment has been prepared to support the bespoke permit application.

2. Summary of key parameters

Facility	Batrudding Liming Site
Operator	4Recycling Ltd
Location	Batrudding Farm Back Lane York YO23 7BN
Location of key environmental sites	There are no locations of sensitive sites within 1 200m of the site.
Risk assessment carried out by	4R Group
Date	September 2025
Risk Criteria Summary	
Parameter 1	The site will operate as a chemical (lime) biosolids treatment plant.

Parameter 2	Permitted waste types – 19 08 05 - Sludges from treatment of urban waste water 19 02 06 Sludge from the dewatering of sludge with the use of chemical additives 19 02 06 Sludge stabilised using non-waste lime 19 02 06 Sludge mixed with non-waste straw, non-waste wood or other non-waste plant tissue material 19 05 03 Compost from aerobic treatment of sludge with non-waste straw, wood or other non-waste plant tissue
Parameter 3	Quantity of waste accepted at the facility – 74999 tonnes per annum maximum.
Parameter 4	All waste will be stored and treated on an impermeable surface with a sealed drainage system.
Parameter 5	There are no point source discharges to controlled waters.
Parameter 6	The activities are not carried out within a groundwater source protection zone 2, or within 250 m of any well, spring, borehole used for the supply of water for human consumption, including private water supplies.
Parameter 7	The activity is not carried out within 250 m of a sensitive receptor.
Parameter 8	The activity is not carried out within 1 000 m of a European Site or a Site of Special Scientific Interest (SSSI)
Parameter 9	The activity is not carried out within 250 m of a surface water course.

3. Summary list of site receptors

Site name/description	Distance from site	Details
Designated and non-designated habitats and wildlife sites		
Groundwater and abstractors		
		The site is located above bedrock designated as a Principle aquifer.
Groundwater vulnerability		

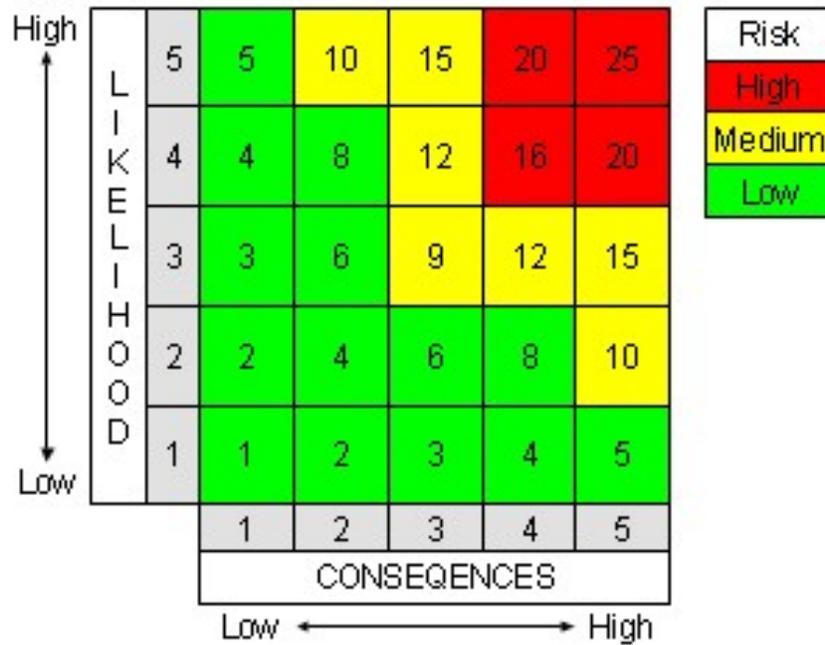
		The site lies within an area classed as 'Medium-High' for groundwater vulnerability.
Source Protection Zones		
		The site is not situated in a source protection zone.
Surface water and abstractors		
		No surface water abstraction licences found
Water protection zone and status		
		Area lies within an NVZ
Soil classification		
		Soilscape 22 - Loamy soils with naturally high groundwater Main Surface Texture Class - <i>loamy</i> Natural Drainage Type – <i>slightly impeded</i> Natural Fertility – <i>moderate to high</i> Characteristic Semi-natural Habitats – <i>mixed horticultural, arable and grassland</i>
Surface water		
		The site does not lie within a drinking water safeguard zone for ground or surface water. There is a small pond c.220m S of the site.
Flood risk		
		The site lies in a Flood Zone 2.
Air Quality Management Area		
		The site does not lie in an air quality management area

4. Risk criteria rating

Risk ratings are based on the likelihood of an event occurring multiplied by the severity of potential impact. Ratings are made of residual risk following implementation of preventative measures on site. The following scale is applied to rate these parameters:

Severity		Likelihood	
1	No environmental harm arising	1	Very unlikely to happen
2	Fleeting localised impacts	2	Low probability/occasional
3	Localised impacts medium term	3	Likely to occur
4	Wider scale impacts of a fleeting nature, or localised impacts of a more persistent nature	4	Highly likely to occur
5	Widespread/persistent impacts on high amenity/sensitive sites	5	Inevitable

Final calculated risk levels rating bands are as follows



What do you do that can harm and what could be harmed?			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk Management	Probability of exposure	Consequence	What is the overall risk?
<i>What has the potential to cause harm?</i>	<i>What is at risk? What do I want to protect?</i>	<i>How can the hazard get to the receptor?</i>	<i>What measures will you take to reduce the risk? Who is responsible for what?</i>	<i>How likely is contact (1-5)</i>	<i>What is the harm that can be caused? (1-5)</i>	<i>What is the risk that still remains? (Likelihood x Severity)</i>
Release of micro-organisms (bioaerosols)	Local human population	Air – wind blown dispersion in the atmosphere	Treatment activities are carried out >500 metres of the nearest sensitive receptor. High moisture content of waste and treatment to take place in a closed system.	Very unlikely to happen 1	Nuisance – dust on cars, clothing and inhalation of dusts 1	Very low 1
Dust from the movement of vehicles to and from the site	Local human population	Air – wind blown dispersion in the atmosphere	Site Manager is responsible for checking wind strength and direction and taking corrective action if necessary. Road surfaces are concrete, so low likelihood of generation of materials that would become airborne.	Very unlikely to happen 1	Nuisance – dust on cars, clothing and inhalation of dusts 1	Very Low 1

<p>Release of particulate matter and micro-organisms from wastes deliveries to, stored and despatched from site.</p>	<p>Local human population</p>	<p>Air – wind blown dispersion in the atmosphere</p>	<p>All wastes are delivered by road directly to the site. Lime transported in covered vehicles. Waste materials that have a high moisture content are unlikely to generate dust.</p>	<p>Very unlikely to happen 1</p>	<p>Nuisance – dust on cars, clothing and inhalation of dusts 1</p>	<p>Very low 1</p>
<p>Mud on roads from the movement of vehicles to and from the site</p>	<p>Local human population</p>	<p>Deposited on the ground by vehicles entering and exiting the site</p>	<p>Road surfaces on the site are either concrete or asphalt so an insignificant risk of mud being generated on site. Road surface will be inspected regularly and kept clean should any mud be brought on to the site. Incoming vehicles will be inspected and any issues with mud being trafficked on to the site will be addressed with the haulier/supplier.</p>	<p>Very unlikely to happen 1</p>	<p>No environmental harm arising 1</p>	<p>Very low 1</p>

<p>Odour from delivered waste</p>	<p>Local human population</p>	<p>Air – wind blown dispersion in the atmosphere</p>	<p>Delivered waste is placed in the appropriate storage areas directly. There is minimal potential for exposure for anyone living or working downwind of the site due to distance from site (excluding operator and employees). Odour Management Plan in place.</p>	<p>Odours are unlikely to impact on local receptors as treatment procedures will reduce odours as far as possible. 1</p>	<p>Minimal transient impacts short term 2</p>	<p>Low 2</p>
<p>Odour from storage of wastes in the process</p>	<p>Local human population</p>	<p>Air – wind blown dispersion in the atmosphere</p>	<p>Distance to sensitive receptors >500m.</p>	<p>Odours are unlikely to impact on local receptors due to distance and nature of operations will reduce odours as far as possible. 1</p>	<p>Minimal transient impacts short term 2</p>	<p>Low 2</p>

Scavenging birds and animals	Local human and wildlife population	Over land and through the air	The waste is in a sludge/solid form and is not susceptible to scavenging birds and animals	Very unlikely to happen 1	Nuisance and harm to human health from waste carried off site and faeces 2	Low 2
Noise from vehicle movements/deliveries	Users of highway, local workplaces, and local dwellings.	Air	The Site Manager is responsible for ensuring vehicles are turned around efficiently, with least impact on the neighbouring properties and that vehicles are removed from the surrounding roads quickly. Loading/unloading can create some noise, but this is localised, and receptors distant enough to mitigate impact. Imports and exports to follow agreed traffic management plan	Site located in a rural location with good access from the highway. Infrequent impact to neighbours to cause nuisance 2	Nuisance from noise. Duration should be short as vehicle movements reduced 2	Low 4
Noise/vibration from plant	Local human and wildlife population	Air	Distance to sensitive receptors >500m	Very unlikely to happen 1	Nuisance – from noise vibration 1	Low 1

Delivery of wastes	Ground/groundwater/ surface water	Spillage through ground	All deliveries will be supervised, or undertaken by trained drivers and will take place during normal working hours. State of repair of concrete is monitored on a regular basis, and proactive maintenance carried out if necessary.	Low as supervised delivery procedure in place, and delivery area has impermeable surfacing and drains to tank. 1	Pollution of watercourse/ groundwater/land 4	Low 4
Flooding of site	Local human population and local environment	Contaminated flood waters	Permitted waste types are non-hazardous so any waste washed off site will add to the volume of the local post-flood clean-up workload, rather than the hazard.	No history of flooding at the site. Site is in an area covered by flood zone 2. 1	Contamination of buildings / natural habitats 2	Low 2
Spillage of liquids with high organic content.	All surface waters close to and downstream of site.	Direct run-off from site across ground surface, via surface water drains etc.	All operations carried out more than 10 m from a water course on an impermeable surface with a sealed drainage system.	Very unlikely to happen 1	Pollution of watercourse/ land 4	Low 4

Spillage of liquids with high organic content.	Groundwater	Transport through soil/groundwater then extraction at borehole.	All operations carried out on an impermeable surface with a sealed drainage system.	Very unlikely to happen 1	Pollution of groundwater/land 4	Low 4
Unauthorised access to site	Bodily injury to person or animal entering site	Direct physical contact	All vehicles/people entering the site will be received at entrance by operator who will be present in this area while the site is open for deliveries.	Access to the site is controlled during operating hours. 1	Bodily injury/damage to plant 3	Low 3
Harm to protected site through nutrient enrichment, leachate, contaminated surface water run-off, smothering, disturbance or predation.	Protected sites - European sites and SSSIs protected species/habitats and other nature conservation sites (LWS)(LNR).	Any	Treatment only takes place on an impermeable surface with sealed drainage in sealed vessels. Only inert wastes are treated on an area of hardstanding. Site considerable distance from any protected site.	Very unlikely to happen 1	No environmental harm arising 1	Low 1

Waste Code	Description of Waste
19 08 05	Sludge from treatment of urban waste water
19 02 06	Sludge from the dewatering of sludge with the use of chemical additives
19 06 06	Digestate from anaerobic treatment of sludge with the addition of treated sewage effluent produced at the sludge producer's wastewater treatment plant



Certificate No: 13572

CERTIFICATE OF TECHNICAL COMPETENCE

This Certificate confirms that

Ian Samuel Leslie

*Has demonstrated the standard of technical competence required for the
management of a facility of the type set out below*

Facility Type

Level 4 in Waste Management Operations - Managing

Treatment Non-Hazardous Waste (4TMNH)

Authorising Signatures:

Chief Executive Officer

Director:

Date of issue:

Handwritten signature of the Chief Executive Officer in black ink.

Handwritten signature of the Director in black ink.

28 November 2014



00020664



SCOTTISH
QUALIFICATIONS
AUTHORITY



This document is issued to certify
that in November 2014

Ian Leslie

attained the

**Diploma in Waste Management Operations: Managing
Physical and Chemical Treatment - Non-Hazardous
Waste**

SCQF Level 7



Chief Executive
Scottish Qualifications Authority

CEO
WAMITAB



Accreditation



Code: GG1M 47
SEN: 136692169



Our Ref: RT/LEB/422/97/N/SVQ Received 28/11/2014
Caledonian Centre/205604TMNH

28 November, 2014

Mr Ian Samuel Leslie
Digit Resource Management
Middleton Depot
Lochlibo Road
Beith
KA15 1LL

Peterbridge House
3 The Lakes
Northampton
NN4 7HE

Tel: 01604 231950
Fax: 01604 232457

Email: info.admin@wamitab.org.uk
www.wamitab.org.uk

Dear Mr Leslie

Award of COTC

May I take this opportunity to congratulate you on gaining your Certificate of Technical Competence which is enclosed. This is the culmination of much hard work on your part and you should feel justifiably proud. You have demonstrated that level of competence in meeting the national standard that comes from experience and understanding of all aspects of the job. In so doing you have also shown the ability to meet the environmental control requirements implicit in recent European and British waste management legislation.

As part of a process of continuous improvement I would be grateful if you would spend a few minutes and complete the attached feedback form. Your comments will be used in confidence to refine the existing WAMITAB framework to ensure it continues to deliver vocational qualifications in a cost-effective way. Thank you for your co-operation in completing the feedback form.

We hope the COTC will provide the basis for the on-going development of your waste management skills. COTC holders in England and Wales will need to maintain their competence over time. For further information contact WAMITAB or visit the 'Continuing Competence' section of our website.

Yours sincerely

Chris James
Chief Executive Officer

Enc: Feedback form
COTC Certificate(s)
NVQ/OCC Certificate(s)
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CIWM

Continuing Competence Certificate

This certificate confirms that

Samuel Leslie

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 07/08/2025

LS Land Spreading
TMNH Treatment - Non Hazardous Waste

Expiry Date:
07/08/2027

Verification date: 05/08/2025

Authorised:

Responsible Officer

Learner ID: 130531

Certificate No.: 5286462

Date of Issue: 07/08/2025

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



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