



Environmental Permit Variation Application

PSH Environmental Limited

5 Wendover Road,
Rackheath Industrial Estate,
Norwich,
Norfolk,
NR13 6LH



PROVIDING SOLUTIONS, ENSURING COMPLIANCE

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Document Control Table

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Change log

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1	Original Permit Variation Report.	Lauren Raby	Tracey Westbury	03 June 2024

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1. Introduction

- 1.1. Westbury Environmental Limited have been instructed to prepare this Environmental Permit variation application on behalf of PSH Environmental Limited (Operator). The variation application is for the site at 5 Wendover Road, Rackheath Industrial Estate, Norwich, Norfolk, NR13 6LH (Site). The permit boundary and Site Layout are shown on Drawing No. 21/023f 001 Permit Boundary Plan and Drawing No. 21/023k 001 Site Layout Plan.
- 1.2. This permit variation application seeks to make the following change to the Environmental Permit Ref. EPR/WP3594NR.
 - Include the treatment process of washing.
 - Increase the annual throughput for recycling from 150,000 tonnes per year to 250,000 tonnes per year.
- 1.3. The relevant Environment Agency forms (Part A, C2, C4 and F1) and supporting information are included with this Environmental Permit application report.

Permit History

- 1.4. A consolidated Environmental Permit (EPR/WP3594NR) was issued in December 2015, which combined EAWML 71502 and EAWML 70555.
- 1.5. As part of the consolidation variation, the Environmental Permit was transferred to PSH Environmental Limited.

EAWML 70555

- 1.6. The original Environmental Permit (Waste Management Licence) was issued in March 1996 to an organisation of individuals (Mr Alan W Parker, Mrs Pearl J Parker, Mr Martyn Parker and Mr Nigel Parker), trading as Parkers Skip Hire.
- 1.7. In June 2005, the Environmental Permit was varied to increase the annual throughput and storage quantities.

EAWML 71502

- 1.8. EAWML 71502 was issued to PSH Environmental Ltd in August 2008 for waste station operations.

EPR/WP3594NR

- 1.9. In July 2018, an Environmental Permit (EPR/WP3594NR) was issued which increased the tonnage of pre-treatment waste for incineration. As the proposed tonnage exceeded 75 tonnes per day, the operation is regulated as a Schedule 1 Activity under the Industrial Emissions Directive.
- 1.10. The Environmental Permit (EPR/WP3594NR) is currently under review by the Environment Agency under the Regulation 61 Notice for non-hazardous waste. This variation includes the inclusion of waste codes that were currently allowed on Site under waste exemptions as well as other changes that are being brought in as part of all Regulation 61 Notices.

Operator Details

- 1.11. Company details, including information regarding the director of the company, are provided below:

Company Name	PSH Environmental Limited
Company Number	03545734
Registered Address	5 Wendover Road, Rackheath Industrial Park, Norwich, Norfolk, NR13 6LH



Incorporation Date	14 April 1998
Companies House Link	https://find-and-update.company-information.service.gov.uk/company/03545734
Director Name 1	Martyn Parker
Director Date of Birth 1	██████████
Director Name 2	Nigel Parker
Director Date of Birth 2	██████████
Director Name 3	Jessie Pearl Parker
Director Date of Birth 3	██████████



2. Site Location

- 2.1. The Site is located approximately 7km northeast of Norwich and approximately 250m southwest Wroxham Road (A1151). The Site is accessed off Wendover Road.
- 2.2. The Site is surrounded by agricultural fields to the north, northeast and west and an industrial estate to the south.
- 2.3. The Site extends to approximately three hectares. The area covered by the Environmental Permit is shown on Drawing No. 21/023f 001 Permit Boundary Plan.
- 2.4. The Site is located within Flood Zone 1. There is a very low risk of flooding from rivers, seas, or surface water.
- 2.5. The Site is located within Groundwater Source Protection Zone 3 'Total Catchment'. The Site is located within a Principal aquifer with Secondary A superficial drift recorded.



3. Non-technical Summary of the Changes to the Permit

- 3.1. Co-mingled and source segregated dry recyclables, commercial and industrial wastes, municipal wastes and construction and demolition wastes are brought into the Site in vehicles.
- 3.2. Waste acceptance procedures will be implemented to ensure that only suitable waste is accepted. Once accepted, the waste loads will be deposited into the reception area or into designated stockpile areas.

Changes to the permit

- 3.3. This permit variation application seeks to make the following change to the Environmental Permit Ref. EPR/WP3594NR.
 - Include the treatment process of washing.
 - Increase the annual throughput for waste operations from 150,000 tonnes per year to 250,000 tonnes per year.
- 3.4. Contravening waste, including hazardous waste, is handpicked, and separated, creating residues to be sent offsite.
- 3.5. Recycled aggregate products, that are produced under the WRAP Quality Protocol, Aggregates from Inert Waste, will no longer be considered a waste and therefore do not have to be stored or handled under waste management regulation.
- 3.6. The Environmental Permit allows no more than 150,000 tonnes of waste per annum to be treated for recycling. This permit variation application is applying to increase the throughput volume to 250,000 tonnes of waste per annum to be treated for recycling.



4. Site Management

- 4.1. PSH Environmental Limited operate under an Environmental Management System (EMS). This EMS will be updated on issue of the varied permit to include for the washing activity, new waste codes and increased tonnage through put for the Site.
- 4.2. A hard copy of the EMS is kept on Site at all times. The EMS folder includes a copy of the Environmental Permit along with the following sections of the EMS:

EMS Report:

This report contains a description of the purpose and scope of the EMS, all Site details including the location of the Site, receptors located in close proximity to the Site boundary, waste storage, the plant and equipment that is used on the Site, the different types of waste treatment activities carried out on Site, the Site security measures, information on the competence of the staff working on Site, roles, and responsibilities for each member of staff and details for Site closure.

Appendix A. 1 Site Condition Report:

This is used to record the condition of land covered by the Environmental Permit at various stages during the life of the permit.

Appendix A.2 Environmental Impacts and Controls Assessment:

This assessment will provide information on the processes, activities and equipment on site, the potential emissions and impact that they may have on air, water, energy usage, waste disposal, land contamination, nuisance, and resource consumption and how any identified impact may be controlled.

Appendix A.3 Environmental Accident Management Plan:

This report will contain an assessment of the potential accidents that could occur on Site, details of the likelihood of each accident occurring, consequences of the accident happening, the preventative measures taken to reduce the risk of each accident occurring, actions to be taken in the case of an accident on Site and an explanation on how to record any accidents that occur on Site. The types of accident included in this report include.

- Leaks or spillages.
- Fire.
- Flooding (increasing risk from climate change).
- Unauthorised entry.
- Failure of plant and equipment.
- Cross-contamination.
- Failure of services.

Appendix A.4 Flood Management Plan:

This report will contain a brief description of the Site, its size, the key contacts to contact in an emergency, whether there are staff employed with any special needs, the locations of any gas, water and / or electric cut off points of Site and ways to keep all plant and computers / files safe in the event of a flood.

Appendix A.5 Fire Prevention Plan:

The Fire Prevention Plan (FPP) contains information on how PSH Environmental Limited meet the requirements of the 'Fire Prevention Plans: Environmental Permits' Environment Agency guidance for their recycling operations. The FPP includes details on the measures the Operator has in place to minimise the likelihood of a fire happening on the site, minimising the spread of the fire and fire suppression.

**Appendix A.6 Odour Management Plan:**

This report identifies the potential impacts of odour on the Site in relation to the nearby sensitive receptors. Information is included with regard to the mitigation measures employed on the Site.

Appendix A.7 Climate Change Risk Assessment and Adaptation Plan:

This risk assessment assesses the risk of how the site and processes will be affected by climate change and includes any proposed mitigation measures.

Appendix A.8 Residues Management Plan:

This report has been produced to describe the processes which produce residues and how these will be managed.

Appendix A.9 Contingency Plan:

This report has been produced to identify potential events of external and internal disruption and outlines actions that will be implemented when these events occur.

Appendix A.10 WRAP Quality Manual:

The implementation of this Quality Manual ensures the production of the aggregates from waste carried out on this Site is in compliance with the requirements of the WRAP 'Quality Protocol for the Production of Aggregates from Inert Waste'.

Appendix B Authorisations

A copy of the permit and EA Registrations for the Site will be found in the EMS.

Appendix C Procedures & Forms

The EMS contains a number of procedures that cover its implementation, waste acceptance & storage, site management, environmental protection, environmental monitoring, emergency provisions and reporting. Records to be produced in accordance with these procedures are provided in the EMS as forms. These completed forms provide records that evidence the implementation of the EMS. The following list details procedures that are included in the EMS.

Implementation

- Environmental Training.
- Roles and Responsibilities.
- Reviewing & Auditing Documentation.
- Compliance with Legal & Other Requirements.

Waste Acceptance & Storage

- Waste Acceptance.
- Waste Rejection.
- Waste Storage & Handling.

Site Management

- Fuel & Oil Storage.
- Refuelling of Plant / Equipment.
- Housekeeping, Litter, Pest & Vermin Control.
- Site Security.
- Removal of Waste.
- Raw Materials used on Site.
- Manufactured topsoils.



Environmental Protection

- Dust, Fibres and Particulate.
- Mud and Debris.
- Noise Control.
- Odour Control.
- Surface Water Management.

Maintenance

- Maintenance.

Waste Operations

- Recycling Operations- Waste Transfer Station.
- Recycling Operations- Construction & Demolition Waste.
- RDF Production.

Emergency Provisions

- Environmental Accidents / Incidents / Complaints.
- Near Miss Reporting.
- Spill Response.
- Flood Management.
- Utility / Equipment Failure.
- Fire Prevention.
- Fire Suppression & Containment.

Reporting

- Waste Returns.
- Notifications to the Environment Agency.

Drawings

- Permit Boundary Plan – showing the boundary of the permitted area.
- Site Layout Plan – showing waste storage and treatment areas, storage facilities for hazardous materials (fuel and oil), location of spill kits, and access for emergency services.
- Sensitive Receptors Plan – showing nearby receptors including water courses, protected habitats, and residential, commercial, and industrial premises.

Technically Competent Management

- 4.3. Daniel Parker is the Technically Competent Manager for the Site.
- 4.4. Daniel has completed his continuing competence assessments under the WAMITAB scheme.
- 4.5. Copies of the most recent continuing competence certificate for Daniel Parker are provided, see Appendix 1 Evidence of Technically Competent Management.



5. Environmental Risk

- 5.1. An Environmental Risk Assessment has been completed to support this Environmental Permit variation Application, see Appendix 2 Environmental Risk Assessment.
- 5.2. The Environmental Risk Assessment assesses the additional risk posed by the washing activities, additional waste codes and the increase in throughput volume over those currently authorised by the Environmental Permit.
- 5.3. The Environmental Risk Assessment considers that there is no significant increased risk of pollution or harm to the environment because of the inclusion of the washing treatment activities. It has been considered that the risk of fire breaking out may increase, due to the addition of combustible waste codes. However, robust risk management measures will continue to be implemented to ensure the identified risks are minimised.
- 5.4. The risk of dust emissions is somewhat reduced as the treatment activity of washing is wet.



Drawings

Drawing No. 21/023f 001	Permit Boundary Plan
Drawing No. 21/023k 001	Site Layout Plan



PSH Environmental Limited

Permit Boundary Plan

21/023f 001

5 Wendover Road
Rackheath Industrial Estate
Norwich
Norfolk
NR13 6LH

Scale: 1:2,700

04/07/2023

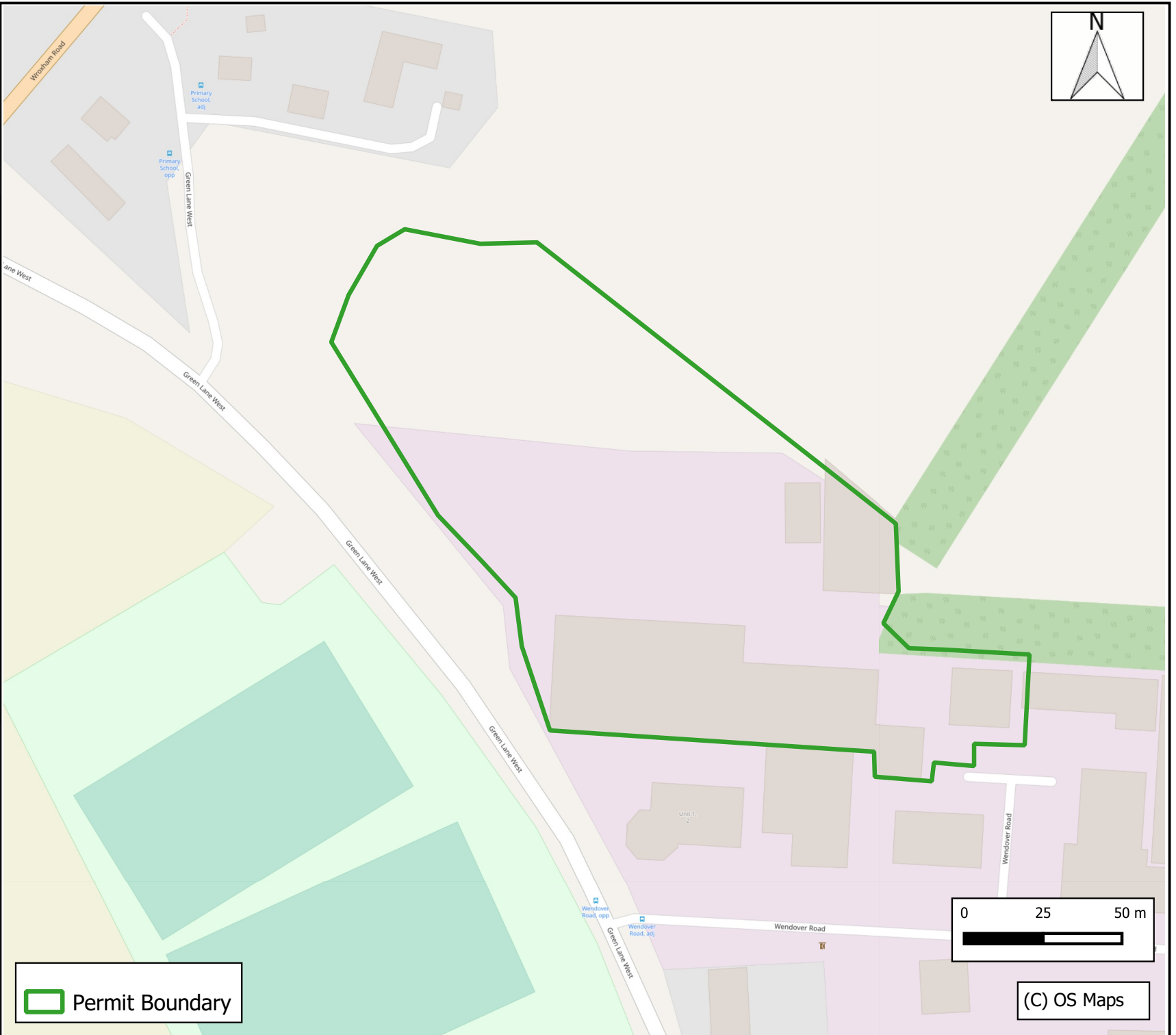
Created by: LR
Checked by: TW



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Permit Boundary

(C) OS Maps



ENVIRONMENTAL LTD.

PSH Environmental Limited

Site Layout Plan

21/023k 001 V3

5 Wendover Road,
Rackheath Industrial Estate,
Norwich,
Norfolk,
NR13 6LH

Scale: 1:1,300

26/03/2024

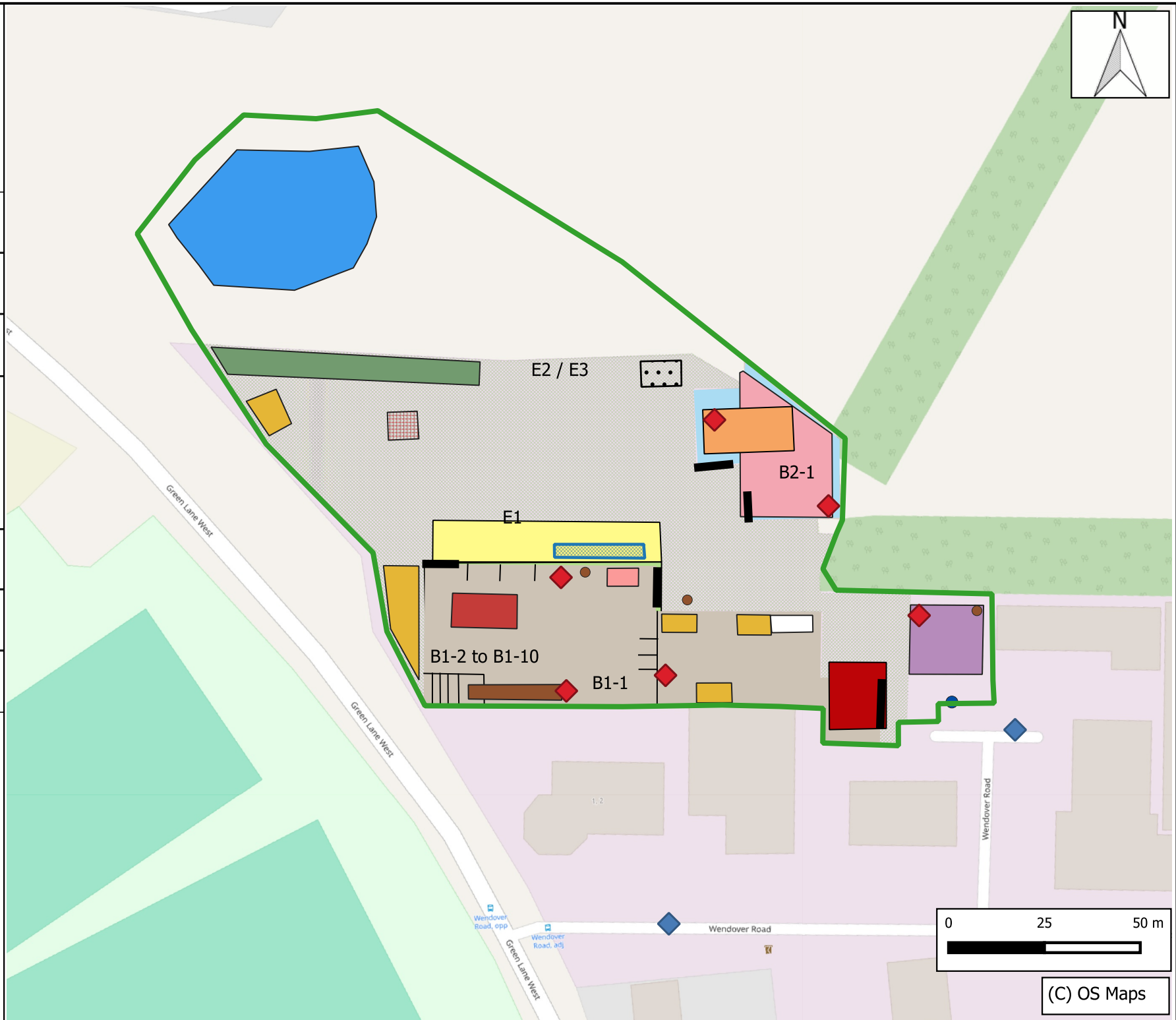
Created by: LR
Checked by: TW



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(C) OS Maps

	Permit Boundary Plan
	Rolling Doors
	Fire Hydrants
	Fuel Storage
	C&D Trommel
	Fire Extinguisher
	Trommel
	Maintenance Area
	Skip Storage Area
	C&D and Aggregates
	Waste Reception Area
	Wrapping & Baling Machines
	Municipal waste
	Site Office
	Soil and processed waste storage
	Building 1
	Building 2
	Soakaway (lagoon)
	Mobile Plant (when not in use)
	Quarantine Area
	Weighbridge
	Building 3
	External Yard
	Water Mains Cut-Off

Storage Area Ref. ^α	Storage Area Contents ^α	On Site location ^α	Storage Area Size [¶] (L x W x H) ^α	Maximum Volume (m ³) ^α	FPP Maximum Storage Volume (m ³) ^α	Maximum Storage Time ^α
Building 1^α						
B1-1 ^α	Unsorted mixed construction & industrial waste feedstock ^α	Building 1 ^α	16m*6m*4m ^α	384 ^α	750 ^α	3 months ^α
B1-2 ^α	Segregated plastics ^α	Sheeted skip container in building ^α	5m*3m*4m ^α	60 ^α	750 ^α	3 months ^α
B1-3 ^α	Segregated paper & cardboard ^α	Sheeted skip container in building ^α	5m*3m*4m ^α	60 ^α	750 ^α	3 months ^α
B1-4 ^α	Segregated wood ^α	Sheeted skip container in building ^α	5m*3m*4m ^α	60 ^α	750 ^α	3 months ^α
B1-5 ^α	Residual mixed waste ^α	Sheeted skip container in building ^α	7m*9m*4m ^α	252 ^α	750 ^α	3 months ^α
B1-6 ^α	Segregated textiles ^α	Sheeted skip container in building ^α	5m*3m*4m ^α	60 ^α	750 ^α	3 months ^α
B1-7 ^α	Segregated metals ^α	Sheeted skip container in building ^α	5m*3m*4m ^α	60 ^α	750 ^α	3 months ^α
B1-8 ^α	Paints ^α	Sheeted skip container in building ^α	5m*3m*4m ^α	60 ^α	N/A ^α	3 months ^α
B1-9 ^α	Ferrous Metal ^α	Sheeted skip container or bay in building ^α	5m*3m*4m ^α	60 ^α	750 ^α	3 months ^α
B1-10 ^α	Lead batteries ^α	Battery Storage ^α	5m*3m*4m ^α	60 ^α	450 ^α	3 months ^α
Building 2^α						
B2-1 ^α	Unsorted mixed municipal / residual waste feedstock ^α	Building 2 ^α	10m*10m*4m ^α	400 ^α	750 ^α	3 months ^α
External Yard^α						
E1 ^α	Wrapped RDF bales ^α	External yard ^α	1.5m*1m*0.8m [¶] (typically, 30 bales) ^α	36 ^α	750 ^α	3 months ^α
E2 ^α	Wood ^α	Stored in sealed bay externally ^α	10m*10m*4m ^α	400 ^α	750 ^α	3 months ^α
E3 ^α	Street Sweepings ^α	Stored in sealed bay externally ^α	10m*10m*4m ^α	400 ^α	750 ^α	3 months ^α



Application Forms

Part C2

Application for an environmental permit

Part C2 – General – varying a bespoke permit



Fill in this part of the form, together with part A and the relevant parts of C3 to C7 and part F1 or F2, if you are applying to vary (change) the conditions or any other part of the permit. Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or changing existing ones).

Waste operation changing to installation or vice versa?

If your changes mean that a waste operation becomes an installation (or vice versa) you also need to fill in either part C3 (waste to installation) or part C4 (installation to waste).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

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

The form can be:

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

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

Contents

- 1 About the permit
- 2 About your proposed changes
- 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

Note: If you are applying to convert your existing permit to a standard permit or add a standard facility you need to fill out form C1.

1a Discussions before your application

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

Permit or document reference

1b Permit number

What is the permit number that this application relates to?

1c Site details

What is the name, address and postcode of the site?

Site name

Address

Postcode

2 About your proposed changes

2a Type of variation

What type of variation are you applying for?

Minor technical

Normal variation

Substantial

2 About your proposed changes, continued

2b Changes or additions to existing activities

Please give us brief details in the box below. More detailed information can be given in Table 1 below.

--

Fill in Table 1 with details of all the proposed changes to current activities. In the final column of the table, give us the document reference for the proposed changes and send them to us with your filled in application form.

Fill in a separate table for each activity you are applying to vary or add. 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 this document.

Document reference

You only need to fill in one table for your mining waste operations.

2c Consolidating (combining) or updating existing permits

If your proposed change is to modernise (update) your permit, now answer 2c1; otherwise go to 2d.

If your proposed change is to consolidate (combine) a number of permits, now answer 2c2; otherwise go to 2d.

Note: In both cases we may require additional information from you about, for example, your management system. Therefore we would always advise you to talk to us before you submit any application to modernise or consolidate permits.

2c1 Do you want to have a modern style permit?

No

Yes

2c2 Identify all the permits you want to consolidate (combine) by listing the permit numbers in Table 2 below

Table 2 – Permit numbers

2d Treating batteries

2d Are you proposing to treat batteries?

No

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

Document reference for the explanation

2e Ship recycling

2e1 Is your activity covered by the Ship Recycling Regulations 2015? (See the guidance notes on part C2.)

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

2e2 Is this a renewal of an existing authorisation covered by the Ship Recycling Regulations 2015?

No

Yes Tell us the expiry date of your existing authorisation (DD/MM/YYYY)

2 About your proposed changes, continued

Table 1 – Changes to existing activities

Fill in Table 1 with details of all the proposed changes to current activities. In the final column of the table, give us the document reference for the proposed changes and send them to us with your filled in application form.

Name	Installation schedule 1 references	Description of the installation activity	Description of waste operation	Description of the mining waste operations	Description of water discharge activity	Description of groundwater activity	Proposed changes document reference
i.e. name of installation, waste operation, mining waste operation, water discharge activity or groundwater activity							
Example – effluent unique name					Example – treated sewage effluent		
If you do not have enough room, go to the line below or send a separate document and give us the document reference here							

2 About your proposed changes, continued

2f Low impact installations (installations only)

2f1 Will any changes mean that any of the regulated facilities will become low impact installations?

No Now go to section 3

Yes If yes, tell us how you meet the conditions for a low impact installation (see the guidance notes on part C2 – 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

3 Your ability as an operator

If you are applying to add waste installations or waste operations to a permit that has not previously had them, you need to fill in all of section 3.

If you are applying to consolidate (combine) two or more permits or have an updated permit you must fill in question 3d.

This section does not apply for applications to surrender a permit.

3a Relevant offences

Installations and waste operations only (see the guidance notes on part C2).

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

No Now go to question 3b

Yes Please give details below

Name of the relevant person

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position held at the time of the offence

Name of the court where the case was dealt with

Date of the conviction (DD/MM/YY)

Offence and penalty set

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

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

Document reference

Now go to question 3b

Please also complete the details in Appendix 2.

3b Technical ability

Specified waste management activities and waste operations only (see the guidance notes on part C1).

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

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

CIWM/WAMITAB scheme

Please select one of the following:

• I have enclosed a copy of:

- the relevant qualification certificate/s

or

- evidence of deemed competence

or

3 Your ability as an operator, continued

- 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 if there is evidence of a 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

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)	<input type="text"/>
First name	<input type="text"/>
Last name	<input type="text"/>
Phone	<input type="text"/>
Mobile	<input type="text"/>
Email	<input type="text"/>

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

Permit number	Site address	Postcode

Document reference

Now go to question 3c

Please also complete the details in Appendix 2.

3c Finances

Installations, waste operations and mining waste operations only (see the guidance notes on part C2).

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

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

No

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

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

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

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

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

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

You can find guidance on management systems on our website at www.gov.uk/government/organisations/environment-agency.

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)
- Acorn
- Green dragon
- Own management system

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

Document reference/s _____

4 Consultation

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

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

4a A sewer managed by a sewerage undertaker?

- No
- Yes Please name the sewerage undertaker _____

4b A harbour managed by a harbour authority?

- No
- Yes Please name the harbour authority _____

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

- No
- Yes Please name the fisheries committee _____

4 Consultation, continued

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

See the guidance notes on part C2 for what needs to be marked on the plan.

Clearly mark the site boundary or discharge point, or both. Also include site drainage plans, site layout plans, and plant design drawings/process flow diagrams (as required). (See the guidance notes on part C2.)

Document reference/s of the plans

5b Do any of the variations you plan to make need extra land to be included in the permit?

No

Yes Please provide a site report for the extra land

Document report reference/s

5c Provide a non-technical summary of your application

Document reference of the summary

5d Risk of fire from sites storing combustible waste

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 Go to question 5f

Yes Go to question 5e

5e Will your variation increase the risk of a fire occurring or increase the environmental risk if a fire occurs?

See the guidance notes on part C2.

No

Yes Provide a fire prevention plan. You need to highlight any changes you have made since your pre-application discussions

Document reference of the plan

5f Adding an installation

If you are applying to add an installation, tick the box to confirm that you have sent in a baseline report and provide a reference

Document reference of the report

6 Environmental risk assessment

If you need one, see the guidance notes on part C2.

Provide an assessment of any additional risks the proposed changes or additions to your regulated facilities poses to the environment as part of your application to vary this permit. The risk assessment must follow the methodology set out in 'Risk assessments for your environmental permit' at <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit> or an equivalent method.

Document reference for the assessment

7 How to contact us

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

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

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

Email: enquiries@environment-agency.gov.uk

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

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

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

Feedback

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

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

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

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

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£ _____

Plain English Campaign's Crystal Mark does not apply to appendix 1.**Appendix 1 – Low impact installation checklist**

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

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

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

Have you filled in the Relevant Offences question?

Yes

No

Have you filled in the Technical ability question?

Yes

No

2 Relevant Offences - date of birth information

Please give us the following details

Name

Date of birth (DD/MM/YY)

3 Technical ability - date of birth information

Name

Date of birth (DD/MM/YY)



Application Forms

Part C4

Application for an environmental permit

Part C4 – Varying a bespoke waste operation permit



Fill in this part of the form, together with parts A, C2 and F1, if you are applying to vary (change) the conditions or any other part of the permit. Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or making changes to existing ones).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

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

The form can be:

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

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

Contents

- 1 What waste operations are you applying to vary?
- 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 to vary?

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

Fill in a separate table for each waste operation you are applying to vary. 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 this document.

Document reference

Types of waste accepted

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

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

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

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

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

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

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

Document reference _____

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

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

1c Deposit for recovery purposes (see the guidance notes on part C4)

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 facility.

Table 2 – Emissions

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

Supporting information

3 Operating techniques

3a Technical standards

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

You must justify your decisions in a separate document if:

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

This justification could include a reference to the Environmental Risk Assessment provided in part C2 of the application form.

Table 3a should summarise:

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

Table 3a – Technical standards

Fill in a separate table for each waste operation.

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

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

Document reference

3b General requirements

Fill in a separate table for each waste operation.

Table 3b – General requirements

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

3 Operating techniques, continued

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

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

3c Information for specific sectors

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

Table 3c – Questions for specific sectors

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

General information

4 Monitoring

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

You should also describe any environmental monitoring. Tell us:

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

Document reference

4b Point source emissions to air only

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

Document reference of the assessment

5 How to contact us

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

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

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

Email: enquiries@environment-agency.gov.uk

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

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

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

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

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

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

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 Forms

Part F1

Application for an environmental permit Part F1 – Charges and declarations



You will need to use an Adobe Acrobat reader 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 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 small discharges of 23m³ per day if using Part B6.5)
- 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.

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

Contents

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

1 Working out charges

You must fill in this section.

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 associated links to the current charging scheme. You can also contact us for pre-application to help work out charges

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

1 Working out charges, continued

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

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

Table 2 – Charge type (A)

Charge activity reference	Charge activity description	What are you applying to do? 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
Total A			

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	£1,231	
1.19.2	Habitats assessment (except where the application activity is a flood risk activity)	£779	
1.19.3	Fire prevention plan (except where the application activity is a farming installation)	£1,241	
1.19.4	Pests management plan (except where the application activity is a farming installation)	£1,241	
1.19.5	Emissions management plan (except where the application activity is a farming installation)	£1,241	
1.19.6	Odour management plan (except where the application activity is a farming installation)	£1,246	
1.19.7	Noise and vibration management plan (except where the application activity is a farming installation)	£1,246	
1.19.8	Ammonia emissions risk assessment (intensive farming applications only)	£620	
1.19.9	Dust and bio-aerosol management plan (intensive farming applications only)	£620	
	Advertising	£500	
Total B			

Total charges

Total A plus total B

2 Payment

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.

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.

2 Payment, continued

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

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

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

Fee paid

£ _____

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

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

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

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

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

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

5 Declaration, continued

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

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)

For transfers only – declaration for person receiving the permit

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

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

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

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

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

5 Declaration, continued

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. If necessary, continue on a separate sheet. This separate sheet also needs to have a reference number and you should include it in the table below

- For new 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

6 Application checklist, continued

Question reference	Document title	Document reference

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, or you would like us to review a decision we have made, please let us know. More information on how to do this is available at: <https://www.gov.uk/government/organisations/environment-agency/about/complaints-procedure>.

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

8 Where to send your application

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

Please send your filled in application form 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 part A)

Feedback

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

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

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

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

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes

Amount received (£)



Application Forms

Part A

Application for an environmental permit

Part A – About you



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

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

Apply online for an environmental permit.

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

The form can be:

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

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

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

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

Contents

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

1 About you

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

An individual

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

An organisation of individuals (for example, a partnership)

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

A public body

Now go to section 4

A registered company or other corporate body

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

2 Applications from an individual

2a Please give us the following details

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to section 6

3 Applications from an organisation of individuals or charity

3a Type of organisation

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

3b Details of the organisation or charity

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to question 3c or section 6

3c Details of charity

Full name of charity

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

3d Company registration number

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

3e Charity Commission number

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

Now go to section 6

4 Applications from public bodies

4a Type of public body

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

4b Name of the public body

4c Please give us the following details of the executive

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

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position

Now go to section 6

5 Applications from companies or corporate bodies

5a Name of the company

5b Company registration number

Date of registration (DD/MM/YYYY)

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

Document reference

5 Applications from companies or corporate bodies, continued

5c Please give details of the directors

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

Document reference

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

Title (Mr, Mrs, Miss and so on)

First name

Last name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to section 6

6 Your address

6a Your main (registered office) address

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

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

Document reference

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

6 Your address, continued

Contact numbers, including the area code

Phone

Fax

Mobile

Email

Now go to section 7

7 Contact details

7a Who can we contact about your application?

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

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

Document reference of this separate sheet

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

7 Contact details, continued

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

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

As in question 7a

As in question 7b

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

8 How to contact us

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

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

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

Email: enquiries@environment-agency.gov.uk

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

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

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

9 Where to send your application

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

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

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

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

Or

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

Feedback

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

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

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

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

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£ _____

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

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

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

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

2 Applications from an individual

Please give us the following details

Name

Date of birth (DD/MM/YY)

3 Applications from an organisation of individuals or charity

Details of the organisation or charity

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

Name

Date of birth (DD/MM/YY)

Document reference

4 Applications from companies or corporate bodies

Name of the company

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

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

Name

Date of birth (DD/MM/YY)

Name

Date of birth (DD/MM/YY)

Name

Date of birth (DD/MM/YY)

Document reference



Appendix 1

Evidence of Technically Competent Management



CIWM

Continuing Competence Certificate

This certificate confirms that

Daniel Parker

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 10/05/2023

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

**Expiry Date:
10/05/2025**

Verification date: 09/05/2023

Authorised:

Professional Services Director

Learner ID: 31112

Certificate No.: 5225583

Date of Issue: 10/05/2023

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



Scan code on reverse to authenticate that this is a genuine paper



Appendix 2

Environmental Risk Assessment



Environmental Risk Assessment

PSH Environmental Limited

5 Wendover Road,
Rackheath Industrial Estate,
Norwich,
Norfolk,
NR13 6LH.



PROVIDING SOLUTIONS, ENSURING COMPLIANCE

T 01952 879705 E info@westburyenv.co.uk

A Agriculture House, Southwater Way
Telford, Shropshire, TF3 4NR

W www.westburyenv.co.uk



Document Control Table

Project Reference	21/023f
Project Title	Permit Variation Application
Document Title	Environmental Risk Assessment
Document Issue Date	03 June 2024
Client	PSH Environmental Limited
Status	Issued

Change log

Version.	Changes	Produced by	Checked by	Date
1	Original Environmental Risk Assessment.	Lauren Raby	Tracey Westbury	03 June 2024



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1. Introduction	1
2. Site Location and Sensitive Receptors	2
3. Environmental Risk Assessment	3

Tables

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Table 2: Estimating the Magnitude of Risk	3
Table 3: Environmental Risk Assessment	4

Drawings

Drawing No. 21/023f 001	Permit Boundary Plan
Drawing No. 21/023k 002	Sensitive Receptors Plan



1. Introduction

- 1.1. Westbury Environmental Limited have produced this Environmental Risk Assessment Report to support an Environmental Permit variation application on behalf of PSH Environmental Limited at 5 Wendover Road, Rackheath Industrial Estate, Norwich, Norfolk, NR13 6LH (Site).
- 1.2. The Environmental Permit Ref. EPR/WP3549NR allows for the transfer, treatment, and pre-treatment of non-hazardous waste for recycling and recovery.
- 1.3. This permit variation application seeks to make the following change to the Environmental Permit Ref. EPR/WP3594NR.
 - Include the treatment process of washing.
 - Increase the annual throughput for recycling waste operations from 150,000 tonnes per year to 250,000 tonnes per year.

Scope

- 1.4. This report describes the site setting, identifies the nearby receptors, and assesses the risk of the proposed operations to the local environment.
- 1.5. This Environmental Risk Assessment only assesses the risk posed by the proposed changes to the permit, including the addition of the washing activities and increase in throughput only. Risks from the existing activities on the site will have already been assessed as part of the original permit application.
- 1.6. An assessment of the potential risks to the environment from the additional activities proposed in the permit variation application is required by the Environment Agency's application form Part C2 and Environment Agency Guidance: Risk assessments for your environmental permit (last updated 31st August 2022).



2. Site Location and Sensitive Receptors

Site Location

- 2.1. The Site is located approximately 7km northeast of Norwich and approximately 250m southwest Wroxham Road (A1151). The Site is accessed off Wendover Road.
- 2.2. The Site is surrounded by agricultural fields to the north, northeast and west and an industrial estate to the south.
- 2.3. The Site extends to approximately three hectares. The area covered by the Environmental Permit is shown on Drawing No. 21/023f 001 Permit Boundary Plan.
- 2.4. The Site is located within Flood Zone 1. There is a very low risk of flooding from rivers, seas, or surface water. The Site is located within Groundwater Source Protection Zone 3 'Total Catchment'. The Site is located within a Principal aquifer with Secondary A superficial drift recorded.

Sensitive Receptors

- 2.5. **Error! Reference source not found.** shows the approximate distance and orientation (from the Site) of nearby sensitive receptors located within a 1km radius of the Site.

Table 1 List of Sensitive Receptors

No.	Receptor	Type of receptor	Bearing from Site	Approx. distance from Site boundary to receptor boundary (m)
1	Businesses bordering PSH Environmental Ltd, including Dreams Bridal, Bathroom Warehouse, JW Cars Service, and Camrider Norwich	Commercial	S and E boundaries	~0
2	Other businesses within the Rackheath Industrial Estate	Commercial	SE	20
3	Stracey Park	Recreational ground	W	30
4	Residential properties on Green Lane West	Residential	NW	30
5	Residential properties on Green Lane West	Residential	S	70
6	Rackheath Village Hall	Public facility	S	200
7	Ancient Woodland	Woodland	SW	340
8	Deciduous Woodland	Woodland	NW	390
9	Deciduous Woodland	Woodland	SW	450
10	Unnamed Surface Water Feature	Surface Water Feature	SW	500
11	The Springs Lake	Surface Water Feature	W	590
12	Residential properties off Sir Edward Stracey Rd	Residential	S	610
13	Deciduous Woodland	Woodland	S	650
14	Residential properties off Back Lane	Residential	NE	700
15	Residential properties off Wroxham Rd	Residential	SW	740
16	Industrial Estate off Green Lane West	Commercial	S	790
17	Hill Farm Lodge	Hotel	W	830



3. Environmental Risk Assessment

Risk Estimation

- 3.1. Table 2 below shows the matrix for estimating the magnitude of risk of a potential hazard from considering both the probability and consequence of a hazard occurring. The magnitude of risk determines what level of management is required in order to reduce the environmental impact and the probability of the risk occurring.

Table 2: Estimating the Magnitude of Risk

	Magnitude of Risk	Consequence			
		High	Medium	Low	Negligible
Probability	High	Very high	High	Medium/Low	Very low
	Medium	High	Medium	Low	Very low
	Low	High/Medium	Medium/Low	Low	Very low
	Negligible	High/Medium/Low	Medium/Low	Low	Negligible

- 3.2. Although Table 2 is a gross simplification that cannot represent the true complexity of risk assessment, it has been used as a guide in preparing this risk assessment report.
- 3.3. A risk assessment of the potential hazards associated with the proposed operation's that may cause harm to the environment has been completed using the method shown in Table 2, see Table 3 Environmental Risk Assessment.

Key Considerations

- 3.4. The following aspects have been taken into account when completing this Environmental Risk Assessment:

Data and Information

- Receptor
- Source / Hazard
- Harm
- Pathway

Judgement

- Probability of Exposure
- Consequences
- Magnitude of Risk

Action

- Justification for Magnitude
- Risk Management
- Residual Risk



Table 3: Environmental Risk Assessment

Data and Information				Judgement			Action (By Permitting)		
Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
<p>Local human population – Residential dwellings located within the vicinity of the Site. The nearest residential dwelling is located c.30m north off Green Lane. Another set of residential properties are located c. 70m off Green Lane. Another residential dwelling is located 610m south (Sir Edward Stracey Rd).</p> <p>There is an Industrial Park bordering the south and east of the Site.</p> <p>Stracey Park is located 30m west of the Site.</p>	<p>Releases of dusts and micro-organisms (bioaerosols).</p>	<p>Harm to human health - respiratory irritation and illness.</p>	<p>Air transport then inhalation.</p>	<p>Low</p>	<p>Medium</p>	<p>Low/Medium</p>	<p>The proposed changes to increase the throughput volume for recycling may increase risk of dust emissions at the Site.</p> <p>It is considered that the addition of the washing operations will reduce the dust emissions compared to dry recycling activities.</p> <p>Therefore, the risk posed by dust emissions are reduced by this activity.</p> <p>A misting system will be used on waste stored outdoors when required.</p> <p>The dust mitigation measures</p>	<p>The requirements of a dust procedure in the Environmental Management System (EMS) will be implemented on Site.</p> <p>Strict waste acceptance procedures will be implemented to ensure that excessively dusty loads are not accepted on Site.</p> <p>Vehicles entering and exiting the site will be sheeted in order to reduce the likelihood of dust emissions.</p> <p>Hoses connected to the mobile water bowser will be used to dampen surfaces and wastes stored outdoors to prevent particulate matter becoming airborne.</p>	<p>Low</p>



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
							already implemented on Site will continue once the throughput volume has increased.		
		Nuisance - dust on cars, clothing etc.	Air transport then deposition	Low	Medium	Low / Medium	As above.	As above.	Low
	Waste, Litter and mud on local roads.	Nuisance, loss of amenity, road traffic incidents.	Air transport then deposition, Vehicles entering and leaving the site.	Low	Low	Low	Local residents are often sensitive to litter, mud on roads. The addition of washing will not significantly increase the risk of mud and litter generated by the site. There may be an increase in vehicles entering and exiting the Site due to the increase in throughput volumes.	Any litter found will be collected and disposed of regularly to keep the Site tidy. Strict waste acceptance criteria will be applied within the site's Environmental Management System (EMS) to ensure incoming loads of waste that have a high litter content are rejected. A road sweeper shall be deployed, and vehicle wheel cleaning shall take place if there is significant mud and debris on the concrete pad surfacing.	Low
	Odour	Nuisance, loss of amenity	Air transport then inhalation	Low	Low	Low	No odour produced by washing activities.	No odour produced by washing activities. Waste imported onto the Site will be checked to ensure that it does not	Low



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
							<p>The increase in throughput is for the recycling activities, not for the RDF production. Therefore, it is considered that the increase in throughput will not increase the risk of odour.</p>	<p>contain malodourous materials. Waste that contains malodourous materials will be quarantined and removed from the site as soon as possible.</p> <p>The “first in, first out” approach is applied to all wastes on Site. Any putrescible or odorous waste is prioritised for processing.</p> <p>All vehicles delivering or removing waste from Site will be sheeted or enclosed.</p> <p>Building 1 and 2 have roller shutter doors that can be closed if a complaint of odour is received.</p>	
	Noise and vibration	Nuisance, loss of amenity, loss of sleep	Noise through the air and vibration through the ground	Low	Low	Low	<p>Local residents often sensitive to noise and vibration.</p> <p>It is considered that the wash plant will not emit noise levels louder than the current waste</p>	<p>The requirements of the noise procedure in the Environmental Management System (EMS) will be implemented on Site.</p> <p>All plant and equipment will be maintained in accordance with the manufacturers’ recommendations to</p>	Low



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
							<p>operations on the Site.</p> <p>It is considered that the additional throughput volumes will not increase the noise levels on site.</p>	<p>minimise noise generation.</p> <p>The wash plant will only be in operation when strictly necessary and in response to incoming loads.</p> <p>Drop heights are also reduced as far as reasonably practicable in order to reduce noise.</p> <p>The existing screening bunds to the east, south and west (6m high) will act as a noise screen to receptors in these directions.</p> <p>There is a line of trees located along the southern boundary that act as a noise screen to receptors to the southeast of the site.</p>	
Local human population – Residential dwellings located within the vicinity of the Site. The nearest residential dwelling is located c.30m north off Green Lane.	Scavenging animals and scavenging birds.	Harm to human health - from waste carried off site and faeces. Nuisance and loss of amenity.	Air transport and over land.	Low	Low	Low	Washing activities will disturb the waste and deter the waste becoming a breeding and/or nesting site.	Implementation of strict waste acceptance procedures will ensure that materials that could attract scavenging animals are not accepted on to the site. Housekeeping will minimise the risk from scavenging animals.	Low



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
Another set of residential properties are located c. 70m off Green Lane. Another residential dwelling is located 610m south (Sir Edward Stracey Rd).	Pests (e.g. flies).	Harm to human health, nuisance, loss of amenity.	Air transport and over land.	Low	Medium	Low / Medium	There are the same waste types accepted onto Site and these waste types are not putrescible.	As above.	Low
There is an Industrial Park bordering the south and east of the Site. Stracey Park is located 30m west of the Site.	Flooding of site	Run off produced from the Site	Flood waters	Low	Low	Low	It is considered that the additional throughput volume and washing will not increase the risk of flooding on the Site. The site is located within a flood zone 1 and therefore is at a low probability of flooding.	The EMS includes a flood management plan for the site which outlines surfacing requirements in relation to waste types. The flood management plan also includes key contacts and action to take in case of a flood on site. All staff are trained in procedures implemented by the flood management plan and regarding the location of key cut off points.	Low
Local human population and / or livestock after gaining unauthorised access to the Site	All on-site hazards: wastes, machinery and vehicles.	Bodily injury Respiratory illness i.e. lung cancer and mesothelioma.	Direct physical contact with machinery or asbestos.	Low	Medium	Medium / Low	The structures, equipment, and machinery (including the wash plant) located on the Site are secured outside of operation / manned hours.	The site will be constantly manned during operational hours. Inspections will be carried out to ensure that the plant on the site is sufficiently maintained, to reduce malfunction and accidents. Records will be kept of any accidents /	Low



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
								incidents on the site to identify any issues.	
<p>Local human population – Residential dwellings located within the vicinity of the Site. The nearest residential dwelling is located c.30m north off Green Lane. Another set of residential properties are located c. 70m off Green Lane. Another residential dwelling is located 610m south (Sir Edward Stracey Rd).</p> <p>There is an Industrial Park bordering the south and east of the Site.</p> <p>Stracey Park is located 30m west of the Site.</p>	<p>Arson and / or vandalism causing the release of polluting materials to air (smoke or fumes), water or land.</p>	<p>Respiratory irritation, illness and nuisance to the local population. Injury to staff, firefighters or arsonists / vandals. Pollution of water or land.</p>	<p>Air transport of smoke. Spillages and contaminated firewater by direct run-off from site and via surface water drains and ditches</p>	Low	Medium	Low / Medium	<p>Washing activities will only wash construction and demolition waste, therefore not combustible.</p> <p>The same waste types are being accepted onto Site.</p>	<p>Procedures contained within the Environmental Management System (EMS) will identify and minimise the risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances (including fire and spillages). The EMS contains procedures with regards to the risks from arson / vandalism i.e. site security measures.</p>	Low
	<p>Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land.</p>	<p>Respiratory irritation, illness and nuisance to the local population. Injury to staff or firefighters. Pollution of water or land.</p>	As above.	Low	Medium	Low / Medium	As above.	<p>The EMS contains procedures and forms relating to accidents and incidents on the Site and what actions to take should one occur.</p>	Low
<p>All surface waters close to and downstream of Site – the nearest surface water is an unnamed surface water feature</p>	<p>Spillage of liquids, leachate from waste, contaminated run-off from waste e.g.</p>	<p>Acute effects: oxygen depletion, fish kill and algal blooms.</p>	<p>Direct run-off from site across ground surface, via surface water drains, ditches etc.</p>	Low	Medium	Low / Medium	<p>Washing activities introduce water to the waste.</p> <p>Water from the washing process is</p>	<p>Any liquids stored on Site shall be provided with secondary containment.</p> <p>Waste types stored on the site typically contain low levels of contaminants</p>	Low



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
<p>located approximately 500m southwest of the Site.</p> <p>The Springs lake is located approximately 590m west of the Site.</p>	containing suspended solids.	Chronic effects: deterioration of water quality.	Indirect run-off via the soil layer.				<p>recycled and contained in a tank. The washed waste will contain minimal water in order to maximise water re-use.</p> <p>Waste types are the same as on the Site already. Waste types are inert and non-hazardous, so harm is likely to be temporary and reversible.</p>	<p>and are unlikely to cause contamination of surface waters.</p> <p>Strict waste acceptance procedures ensure that no contaminated waste enter the site.</p> <p>Surface water run-off from the Site is not capable of entering surface watercourses.</p>	
Groundwater	As above.	Chronic effects: contamination of groundwater, requiring treatment of water or closure of borehole.	Transport through soil / groundwater then extraction at borehole.	Low	Medium	Low / Medium	<p>There are no point source discharges to ground or groundwater proposed.</p> <p>The Site is located within Flood Zone 1. There is a very low risk of flooding from rivers, seas, or surface water.</p> <p>The Site is located within Groundwater Source Protection Zone 3 'Total Catchment'. The Site is located within a Principal aquifer with</p>	<p>Any liquids stored on Site shall be provided with secondary containment.</p> <p>Strict waste acceptance procedures ensure that contaminated waste is not accepted to the Site.</p>	Low



Receptor	Source	Harm	Pathway	Probability of Exposure	Consequence	Magnitude of Risk	Justification for Magnitude	Risk Management	Residual Risk
							<p>Secondary A superficial drift recorded.</p> <p>Washing and the increase in throughput is not considered to increase the risk to groundwater.</p>		

Drawings

Drawing No. 21/023f 001

Permit Boundary Plan

Drawing No. 21/023k 002

Sensitive Receptors Plan



PSH Environmental Limited

Permit Boundary Plan

21/023f 001

5 Wendover Road
Rackheath Industrial Estate
Norwich
Norfolk
NR13 6LH

Scale: 1:2,700

04/07/2023

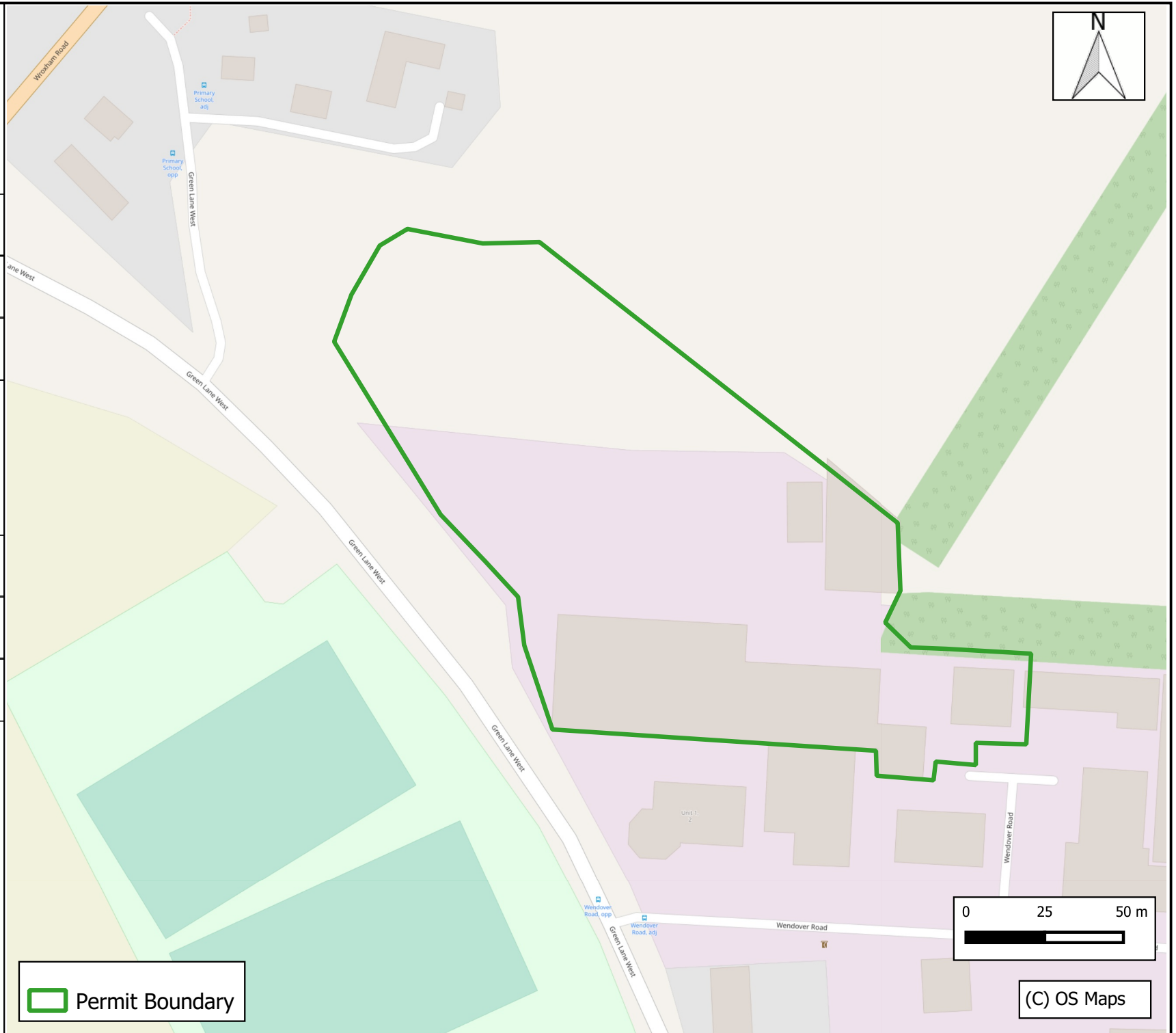
Created by: LR
Checked by: TW



T 01952 879705 E info@westburyenv.co.uk

A Agriculture House, Southwater Way
Telford, Shropshire, TF3 4NR

W www.westburyenv.co.uk



Permit Boundary

(C) OS Maps

PSH Environmental Limited

Sensitive Receptors Plan

21/023k 002

5 Wendover Road,
Rackheath Industrial Estate,
Norwich,
Norfolk,
NR13 6LH

Scale: 1:13,500

04/12/2023

Created by: LR
Checked by: TW



T 01952 879705 E info@westburyenv.co.uk

A Agriculture House, Southwater Way
Telford, Shropshire, TF3 4NR

W www.westburyenv.co.uk

Sensitive Receptors

- Commercial
- Hotel
- Public Facility
- Recreational Ground
- Residential
- Surface Water Feature
- Woodland
- 1km Buffer
- Permit Boundary Plan

