Starling
Environmental
Limited

67 Chorley Old Road, Bolton, Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
Tel: 07989 73122

ENVIRONMENTAL MANAGEMENT SYSTEM
for
GLASS RECYCLING FACILITY
THE OLD BRICKWORKS, WESTBY

Report No 122/4

March 2025

For

Green Future Recycling Limited
The Old Brickworks
Anna's Road
Blackpool
FY4 5JX

DOCUMENT CONTROL

DOCUMENT TITLE	Environmental Management System
REPORT NO	122/4
DATE ISSUED	27/3/2025
PREPARED BY	C Gettinby
STATUS	Final
REVISIONS	

RELATED DOCUMENTS

Report No 122/1 Environmental Risk Assessment
Report No 122/2 Dust Emissions Management Plan
Report No 122/3 Site Condition Report
Report No 122/5 Odour Management Plan
Report No 122/6 Noise Management Plan

DOCUMENT REVIEW

Date	Comment

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1. INTRODUCTION

1.1 Report Context

1.1.1 Starling Environmental Ltd (SEL) has been commissioned by Green Future Recycling Limited ('the operator') to prepare an Environmental Management System (EMS) for operation of the glass recycling facility at Westby, Blackpool, Lancashire ('the site').

1.1.2 The EMS is required in compliance with Condition 1.1.1 (a) of the environmental permit which requires the operator to manage activities in accordance with a written management system.

1.1.3 The EMS has been prepared following Environment Agency (EA) guidance on the gov.uk website, particularly Develop and Management System: environmental permits[1].

1.1.4 All drawings referenced are contained in Appendix A.

1.2 Site Location and Surrounding Area

1.2.1 The site is located at the Old Brickworks, Annas Rd, Westby, Blackpool, Lancashire, FY4 5JX. The site is located approximately 200 m to the south of Peel, a small hamlet approximately 2 km to the east of Lytham St Annes, Lancashire. The national grid reference for the site is SD 35652 31149. The location of the site is shown on Drawing No 122/01.

1.2.2 The site is a former brickworks associated with the surrounding Westby Clay Pits which were excavated from the 1800s. The surrounding clay pits have since been infilled by landfill.

1.2.3 The site lies in a predominantly rural setting to the south-east of Blackpool. The Peel Hall Business Village, a small business park, is located approximately 200 m to the north-east of the site adjacent to the hamlet of Peel.

1.2.4 The site is bound by Anna's Road to the south, then south of Anna's Road is the Westby (South) landfill which is currently being infilled. Adjacent to the site to the west, north and east is the fully restored Westby (North) landfill which rises approximately 3 - 4 m above the site providing screening to the surrounding area.

1.2.5 Within the Westby (North) landfill, there are a few small ponds to the west (former clay pits), and some woodland to the north-west. These features are shown on the Receptors Plan Drawing No 122/03.

[1] https://www.gov.uk/guidance/develop-a-management-system-environmental-permits last updated 3/4/23

1.2.6 The site lies in a rural setting and the surrounding area is predominantly agricultural land with associated farm ditches. Farmland to the west and south are designated as part of the Lytham Moss Biological Heritage Site (BHS).

1.2.7 The Peel Hall Business Park is located approximately 210 m to the north-east of the site and includes a small number of light industrial businesses including a car dealership and a motor repair garage and commercial businesses including a florist. The closest residential properties are 211 m north-east of the permit boundary.

2. GENERAL SITE OPERATIONS

2.1 Site Activities

2.1.1 The site accepts non-hazardous waste glass for treatment and processing into fully recovered products. A maximum of 75,000 tonnes will be accepted per annum.

2.1.2 Treatment will comprise one or more of: sorting, separation, crushing, drying, screening, washing and blending.

2.2 Management and Staff Responsibilities

2.2.1 The following staff roles have been identified:

- Operations Manager (OM)
- Technically Competent Manager (TCM)
- Site Operatives (SO)

2.2.2 The operations manager is responsible for control of daily operations and permit compliance including waste acceptance, waste treatment operations and directing site operatives.

2.3 Site Layout

2.3.1 The site layout is shown on the Site Layout Plan (Drawing No 122/02) and described below.

2.3.2 The site is rectangular in shape and covers an area of 10,633 m^2. Access to the site is off Anna's Road on the southern boundary.

2.3.3 The site is bound by palisade fencing and lockable gates at the entrance off Anna's Road. There is thick hedgerow on all boundaries of the site and some mature trees along Anna's Road.

2.3.4 There is one main processing building at the site where waste glass is processed by drying, crushing and screening to produce recycled products. Two silos are located on the eastern side of the building for storage of recycled products.

2.3.5 The building is fitted with a dust extraction system with three dust extraction points showed on the site layout plan. This is a pulse jet bag filter system.

2.3.6 The proposed wash plant will be located in the yard in the south-east corner where waste glass will be washed and screened to produce different size fractions. A smaller product storage building and bagging plant will be located adjacent to the wash plant.

2.3.7 There is a brick building adjacent to the southern boundary of the site which houses office and welfare facilities with an adjacent staff parking area.

2.3.8 A weighbridge is located in the west of the site in line with the HGV access.

2.3.9 A gas storage compound with tanks storing LPG is located adjacent to the southern boundary.

2.3.10 The majority of the site is hardstanding. The wash plant will be located over concrete and there is a concrete pad at the entrance to the main processing building. Site surfacing is shown on the Site Layout Plan (Drawing No 122/02).

2.4 Fuel Storage

2.4.1 Fuel is stored in double-skinned tanks within the secure site boundary as shown on the Site Layout Plan. During refuelling and any spillages will be cleaned up immediately in accordance with the Spill Procedure (Section 6.5).

2.5 Site Drainage

2.5.1 Surface water run-off from the yard currently runs via silt traps into the surface water drainage system beneath the site, which eventually empties into the local surface water drainage network. It is proposed that interceptors should be installed to remove any accidental fuel spills. The proposed location of this is shown on the Drainage Plan, Drawing No 122/04.

2.5.2 The area footprint beneath the wash plant will be concreted and will be laid to a fall with any run-off, drips and spillages drained to a sump. Contents of the sump will be returned to the wash plant. This includes the filtercake storage area, MRF glass and lights (trash) storage area.

2.5.3 The wash plant will use a high volume of water and so roof water will be collected in a storage tank to supplement the wash plant requirements. The surface water draining on the footprint of the wash plant area, which will collect in the sump described above. This will be pumped up into the water storage tank for reuse via a screen to remove any sediment.

3. OPERATIONAL PROCEDURES

3.1 Waste Pre-Acceptance

3.1.1 Waste inputs are carefully controlled to ensure high quality waste glass is accepted for recycling, to maintain the quality of the products. A description of the waste stream with photographs and videos are obtained for review prior to acceptance. Glass which is heavily contaminated with other waste types or biodegradable residues will not be accepted. If it appears suitable then delivery of a trial load is arranged.

3.1.2 Permitted waste types are listed in Table 1 below.

Waste Code	Description
15 01 07	Packaging (including separately collected municipal packaging waste): Glass packaging
17 02 02	Construction and demolition waste: Glass
19 12 05	Waste from mechanical treatment of waste: Glass
20 01 02	Municipal waste – separately collected fractions: Glass

Table 1: Permitted Waste Types

3.2 Waste Acceptance

3.2.1 Waste loads must be accompanied by a fully completed Waste Transfer Note (WTN) or details of a season ticket transfer note.

3.2.2 The weighbridge operator will inspect the WTN to ensure the following Duty of Care information has been provided and that it meets all permit and legal requirements:

i. Written description
ii. Quantity / Volume
iii. Carrier registration details
iv. Waste producer details and SIC code
v. Site of origin
vi. EWC Code

3.2.3 All waste accepted must be:

- Listed on the permit
- Non-hazardous;
- Suitable for treatment

3.2.4 All loads arriving at site must be covered. The Operator will undertake a visual inspection to confirm that the load is consistent with the WTN information; contains no visible unacceptable constituents; it is not odorous; and that the load will not present a handling problem. Material which is dusty will be damped down before and during tipping.

3.2.5 If any non-compliances or Duty of Care failures are identified one or a combination of the following actions will be appropriate:

- Unsuitable waste types (ie EWC code not listed on the permit) or a waste description or source which suggests unacceptable contamination will be rejected;
- Minor errors on the WTN may be rectified following discussion with the customer;
- Waste loads which are odorous, infested with pests or contain predominantly non-glass material will be rejected;
- Problem loads will be referred to the operations manager who will decide on its suitability;
- Customers may be referred to the operations manager to ensure full understanding of the waste acceptance standards and improve future compliance.

3.2.6 The load will be inspected and deposited as detailed in Section 3.3.

3.2.7 Rejected loads will be managed in accordance with Section 3.4.

3.2.8 A weighbridge is installed on site and the weights of incoming loads will be recorded.

3.3 Waste Inspection Procedure

3.3.1 The drivers of all incoming vehicles must comply with site safety rules and follow the instructions of site staff at all times.

3.3.2 On instruction from the site operative the driver may proceed to tip the load in the designated area.

3.3.3 When a load arrives on site, the first check is a visual inspection by the operator who looks for a rough ratio of glass to waste (ceramics, metals, plastics etc). If it is evident visually that there is a much higher ratio of waste than expected, then the load is rejected and the supplier is informed. If the load passes the initial visual inspection, it is sampled and the waste separated from the glass material to work out a percentage of waste in the material. This is done before the material is accepted and stored.

3.3.4 If the material passes the initial inspection, the material is then further sampled whilst being loaded into the hopper at a rate of 7 x 100 kg samples, which equates to one per hopper load. The samples are sieved and the amount of recoverable glass calculated and compared to the expected amount. It is expected that more than 70% w/w of the load should be recoverable glass.

3.4 Waste Rejection Procedure

3.4.1 Waste can be rejected following Duty of Care checks or after it has been inspected once tipped.

3.4.2 Waste will be rejected in the following circumstances:

- It is not listed on the permit;
- It is unsuitable for processing due to low glass content, contamination, or physical characteristics (eg excessively dusty);
- It is odorous;
- It is infested
- It is hazardous waste; and/or
- It is not accompanied by an accurately completed WTN.

3.4.3 Where possible, rejected loads will be reloaded and removed from site immediately by the haulier.

3.4.4 If the load is rejected after the haulier has left site, the waste will quarantined by placing it in the waste storage area separate from other stockpiles and labelled 'quarantine'. Customers will be expected to remove the load as soon as can be arranged within 7 days.

3.4.5 The TCM will inform the EA following the rejection of a load if it is hazardous.

3.4.6 A record will be made in the site diary for all rejected loads. Records will include waste load information and details of any actions regarding removal from site or quarantine arrangements.

3.5 Waste Treatment

3.5.1 There are two waste treatment pathways: dry processing and washing. These are described below.

3.5.2 Dry processing is carried out inside the building. Material is deposited outside in the 'incoming waste storage area' shown on the site layout plan and is fed into a hopper which transports the material inside the processing building. It is first conveyed through a dryer then into a crusher. From the crusher it passes

through a classifier and then onto a number of shaker decks which screen the material into different sizes.

3.5.3 The different fraction sizes are stored in silos before being packaged into product bags by an automated bagging plant. The finished products are stored inside the building and then dispatched to customers.

3.5.4 Washing will be carried out in a fixed wash plant. The plant will be located outside on a concrete surface and the location is shown on Drawing No 122/02.

3.5.5 Incoming waste will be deposited in a bay next to the washplant and loaded into a hopper which feeds the wash box. Lightweight material (eg. plastic and paper) floats off in the wash bath. In the case of EWC 19 12 05 this is generally residual bottle tops and labels that were not removed during off-site treatment. This is then dewatered before being stored inside a concrete block bay with sealed drainage.

3.5.6 The heavier glass is screened into separate stockpiles of various sizes. Sand is also separated through a cyclone. The fractions will be stored in 4 m high concrete block bays around the wash plant as they are produced.

3.5.7 Wash water will be returned into a flocculation tank where it is separated into water/sludge by flocculation. Sludge will be sent for filtration and water is returned to the water feed tank for reuse. The plant will be a closed loop system, there will be no discharge of water. Water is lost as moisture in the filtercake and the system will be topped up with clean water. The water source will be harvested roof water and mains water.

3.5.8 The sludge will be filtered through a plate and frame filter press to produce a filtercake with a consistency of dry clay. This will be stored below the press in a covered housing.

3.6 Quality Control

3.6.1 Green Future Recycling Limited are an accredited glass reprocessor. Accredited reprocessors recycle packaging waste discarded by UK businesses and households and generate packaging recycling notes (PRNs). They are registered with the Environment Agency and have to demonstrate quality control and produce end of waste products which require no further reprocessing. The following products are produced on site:

- Recycled glass filter media (water treatment usage)
- Recycled glass abrasive media (for use in sand blasting)
- Recycled glass infill sand (for use on synthetic sports pitches)

3.6.2 Recycled products meet end of waste requirements under the PRN accreditation. This requires that products produced require no further processing to be fit for purpose and undergo quality control testing to show they are fit for purpose. A copy of the accreditation is contained in Appendix C.

3.6.3 Quality control testing is carried out on site. Daily on-site testing comprises a float test, where a sample of the processed product is placed in a bucket of water to check if any lightweight contamination is present, which floats to the surface.

3.6.4 Finished products are sieved to assess the particle size of the product and to check they meet the required grade specifications contained in Appendix D. Material which does not meet the specification is reprocessed and subsequently rejected if it continues to fail.

3.7 Residual Waste

3.7.1 The following waste streams will be produced as part of the treatment process:

Waste code	Description	Storage location
19 02 06	Filtercake	Beneath press housing on concrete surface within footprint of the wash plant
19 12 12	Lights from washing	Concrete block bay, concrete surfacing

Table 2: Residual Waste Streams

3.7.2 These will be removed under Duty of Care for recovery or disposal at a permitted facility.

3.7.3 The filtercake will undergo testing and WM3 assessment to confirm it is non-hazardous waste. A sampling plan in contained in Report 122/1 Environmental Risk Assessment.

3.8 Waste Storage

3.8.1 Incoming material for dry processing is stored in the yard in free standing stockpiles. These will be maintained below 4 m in height. MRF and municipal glass will be stored in a concrete block bay with sealed drainage.

3.8.2 Filtercake will be stored beneath the press housing on an impermeable surface with sealed drainage. Lights (trash) will be stored in a concrete block bay on sealed drainage.

3.8.3 The site is surrounded by a clay bund which is well vegetated and prevents dust from blowing off-site. I addition, beyond the bund the land to the north and east rises up by 3-4 m as it forms the dome of the restored landfill site, further enclosing the site.

3.8.4 Screened fractions produced by the wash plant will be stored in concrete block bays max 4 m high, with 0.5 m freeboard to prevent wind whipping. The majority of washed glass will be moved from the bays into the feed hopper for dry processing inside the building. The larger fraction size glass will have the option to be dispatched from site as cullet for remelt. If so, it will be transported in bulk in covered HGVs.

3.8.5 Products produced within the building are stored in silos prior to being transferred to the bagging plant, which is an automated process within an enclosed container. Bagged product will then be stored on pallets in the product storage building and removed from site for delivery direct to customers.

3.9 Preventative Maintenance

3.9.1 All plant and machinery will be subject to regular maintenance in accordance with the manufacturer's programmes and schedules and will be subject to statutory inspections.

3.9.2 Daily mobile plant checks will be undertaken by machine operatives; and pre-use checks will be carried out by the operations manager (or nominated deputy) on all mobile treatment plant prior to its use.

3.9.3 Any minor repairs, maintenance or fuelling of plant and machinery will be undertaken with a spill kit to hand so any spillage can be contained.

3.9.4 Any major services and repairs required for mobile plant will be conducted on site by qualified personnel.

3.10 Housekeeping

3.10.1 Site surfaces will be well maintained and any repairs undertaken as soon as possible in order to minimise noise and dust generation.

3.10.2 A 5 mph site speed limit will be in place and enforced by verbal instruction and signage. All signage will be regularly cleaned and repaired as required.

3.10.3 A road sweeper will be deployed if any build-up of mud or debris is identified which may lead to deposit off-site. The sweeper will be called in more often if staining is observed on the road.

3.11 Site Check List

3.11.1 The operations manager (or nominated deputy) will undertake the required regular checks to ensure site operations are in accordance with the EMS, which will include the following:

- Inspection of site surfaces and roads for damage and/or build-up of debris;
- Dust generation from site surfaces and stockpiles; and
- General housekeeping including any build-up of litter or debris.

3.11.2 A record will be made in the site diary which will include the details of any remedial actions undertaken as a result of routine checks.

4. PREVENTION OF POLLUTION

4.1 Odour

4.1.1 The site operates with an Odour Management Plan (Report No 122/5) which includes detailed mitigation measures employed to control odour.

4.1.2 Odorous wastes will not be accepted and will be removed from site in accordance with the Waste Rejection Procedure (Section 3.4).

4.2 Pests

4.2.1 Waste types accepted at the site will be limited to those listed in the permit and are not likely to attract pests such as birds, vermin or insects.

4.2.2 Any incoming loads suspected to have a pest infestation will be removed from site in accordance with the Waste Rejection Procedure (Section 3.4)

4.3 Noise

4.3.1 The site operates with a Noise Management Plan (Report No 122/6). Noise may be generated on site by incoming and outgoing vehicles; reversing warning alarms; the operation of plant; and material handling.

4.3.2 The following mitigation measures are required in order to ensure the risk of exposure to nearby residential receptors is low:

- Company vehicles and plant will be serviced and maintained in accordance with manufacturer's recommendations;
- All plant and equipment are fitted with silencers where possible;
- Site roads will be well maintained and potholes repaired as soon as possible;
- Daytime working only with no working on Sundays or Bank Holidays.

4.3.3 Any noise complaints arising from external parties or site staff will be investigated by the site manager and noise mitigation measures will be reviewed if necessary.

4.4 Mud on Road

4.4.1 The surface of site roads and the waste operations area will be well maintained as hardstanding and repairs carried out as required as soon as possible.

4.4.2 Roads and site surfaces will be inspected daily as part of the daily checks and recorded in the site diary. A road sweeper will be deployed if any build-up of mud or debris is identified which may lead to deposit off-site.

4.5 Dust

4.5.1 The site operates with a Dust Emissions Management Plan (Report No 122/2) which includes detailed mitigation measures employed to control dust emissions.

4.5.2 Dry processing operations will be carried out inside the building which is fitted with a dust extraction system.

4.5.3 A mobile water bowser will be used to damp down site surface and stockpiles on dry days.

4.5.4 The washing operation does not raise dust due to the inherent dampening of the process.

4.6 Litter

4.6.1 Waste which may raise litter will be contained in a storage bay with a litter net. This will be removed regularly, as soon as one full load has accumulated.

4.6.2 Litter monitoring will be undertaken daily as part of the daily checks and recorded in the site diary. Any litter identified will be cleared by the end of the working day.

4.7 Uncontained Run-Off

4.7.1 Surface water run-off from the yard currently runs via a silt trap into the surface water drainage system beneath the site, which eventually empties into the local surface water drainage network. It is proposed that an interceptor should be installed to remove any accidental fuel spills. The proposed location of this is shown on the Drainage Plan, Drawing No 122/04.

4.7.2 The area footprint beneath the wash plant will be concreted and will be laid to a fall with any run-off, drips and spillages drained to a central sump. Contents of the sump will be returned to the wash plant. This includes the filtercake storage area, MRF glass and lights (trash) storage area.

5. TRAINING AND TECHNICAL COMPETENCE

5.1 A technically competent manager (TCM) will be in place to oversee waste activities.

5.2 The operations manager will ensure that all operatives at the site are appropriately trained to conduct operations in accordance with permit requirements and the EMS; and identify any additional or ongoing training requirements.

5.3 All drivers of mobile plant, operators of treatment plant and users of ancillary site equipment (eg wheel cleaning facilities) will be fully trained in its correct and safe use to ensure that the operating techniques are undertaken in line with the manufacturers' guidance.

5.4 Training on the sites environmental management system, dust emissions management plan and factory protocol will be carried out at induction and refreshed throughout the year by tool box talks.

5.5 All relevant training and competency records will be kept in the site office.

6. ACCIDENT MANAGEMENT

6.0.1 In the event that an accident occurs, the following procedures will be followed.

6.1 Breakdown of Equipment

6.1.1 The operator in charge of the equipment notifies the operations manager of the breakdown who will instigate repairs immediately.

6.1.2 If there is a significant period of breakdown that prevents processing then waste inputs will be suspended to ensure storage capacity at site is not exceeded.

6.1.3 If the breakdown has the potential to increase the risks from dust (eg failure of any suppression equipment) then equipment will be repaired within 24 hours. If key suppression equipment cannot be repaired or replaced within 24 hours, or other failure of the suppression system occurs (eg freezing water), the Operations Manager will consider whether to cease processing operations, subject to site conditions at the time.

6.2 Fire

6.2.1 The site does not accept any combustible waste types; therefore the fire risk is considered to be very low.

6.2.2 Fire extinguishers will be available for use if safe to do so. If the fire cannot be contained, then the emergency services must be called without delay.

6.3 Flood

6.3.1 The site is not located in a flood risk area.

6.3.2 In the unlikely event that the site is flooded. operations will be suspended until flood waters recede.

6.4 Vandalism

6.4.1 Site gates will be locked outside operational hours to prevent access. Mobile plant will be secured when not in use.

6.4.2 Any damage that occurs as a result of vandalism or trespass will be repaired as soon as possible. If, as a result of the damage, there is potential for pollution to occur the Environment Agency will be informed within 24 hours, in accordance with permit conditions.

6.4.3 Security measures will be reviewed following any malicious or repeated occurrences of trespass or vandalism.

6.5 Spillage of Hazardous Material (Oil/ Fuel)

6.5.1 To minimise the risk of spillage, diesel is stored in a double skinned tank, and all hazardous liquids (ie oils, lubricants etc) are stored in adequately bunded containers.

6.5.2 In the event of a spillage immediate steps should be taken stop any active leaks (eg close any valves or stand up fallen containers). PPE must be used in accordance with any available safety data sheets. As a minimum gloves must be worn.

6.5.3 Small scale spillages of oil or fuel (less than 5 litres) will be cleaned up immediately using absorbent material, as contained within a spill kit to be located as shown on Drawing 122/02.

6.5.4 In the event of a larger scale incident the spillage may be contained using site-derived soil/clay/sand material (as available) which will be placed using site mobile plant. Contaminated materials will be sampled and analysed prior to recovery or disposal off-site.

6.6 Climate Change

6.6.1 A climate change risk assessment has been carried out and is contained in Appendix D. This details measures taken to improve resilience to climate change and ensure that operations can remain in compliance with permit conditions.

7. INCIDENTS AND COMPLAINTS

7.1 Any complaints and incidents are recorded on a complaints form contained in Appendix E. This includes non-conforming loads or part loads, problems or breakdown of equipment or abnormal events.

7.2 All complaints and incidents will be dealt with promptly, efficiently and in a courteous manner in order to maintain good relationships with customers and neighbours.

7.3 The site manager (or nominated deputy) will investigate all complaints within 24 hours. Firstly, complaints will be substantiated and confirmed (or otherwise) to be related to site operations. If necessary, rectifying action will be determined and implemented. A response will be reported back to the complainant as soon as possible.

7.4 A record of incidents, accidents or non-conformances should be kept in the site diary which includes the following information:

- Date and time of incident
- What happened
- What caused it
- Details of any contamination
- Who was involved
- What action was taken
- Were external agencies involved
- Any changes that have been made to the procedures/ EMS to ensure the incident does not reoccur

8. SECURITY

8.1 The site is fully enclosed by palisade fencing and security gates.

8.2 The integrity of the gates and fencing will be checked regularly and recorded in the site diary.

8.3 CCTV is installed at the site and can be accessed remotely for out of hours monitoring.

9. RECORDS AND REPORTING

9.1 Records will be kept in the site office. Records include pre-acceptance and acceptance information, site diaries, maintenance records, training records, EMS review records and duty of care documentation for incoming and outgoing material.

9.2 Waste returns will be reported quarterly to the EA in accordance with the permit condition.

9.3 Incidents causing permit breaches or significant pollution will be notified to the EA within twenty four hours in accordance with permit requirements.

9.4 A copy of the EMS is kept in the site office and communicated to any other site operatives as part of their induction to the site.

10. CLOSURE

10.1 If operations cease at the site, and the permit is not transferred to a new operator, waste operations will go into closure. All waste will be removed from site. Plant and machinery will also be removed. A permit surrender application will be submitted to the EA.

11. EMS REVIEW

11.1 The EMS will be reviewed annually, and a document control sheet maintained which details any changes made.

11.2 The EMS will also be reviewed as follows:

- If the site is subject to a permit variation;
- If there is an accident or significant breach of permit conditions;
- If there is a new environmental issue, and any new control measures put in place; and
- If there are any major changes to site operations.

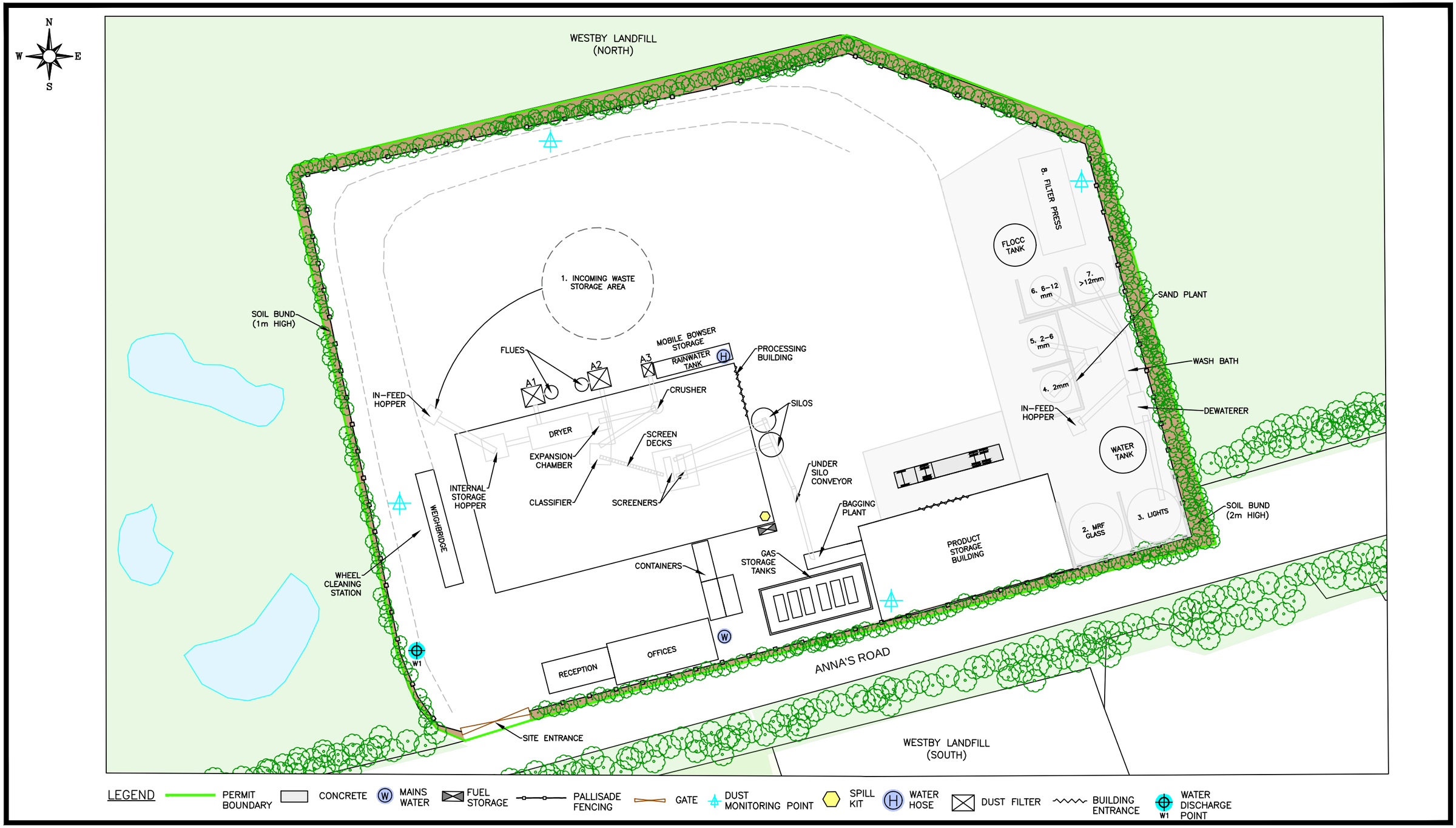
APPENDIX A

Drawings

LEGEND ——— SITE LOCATION

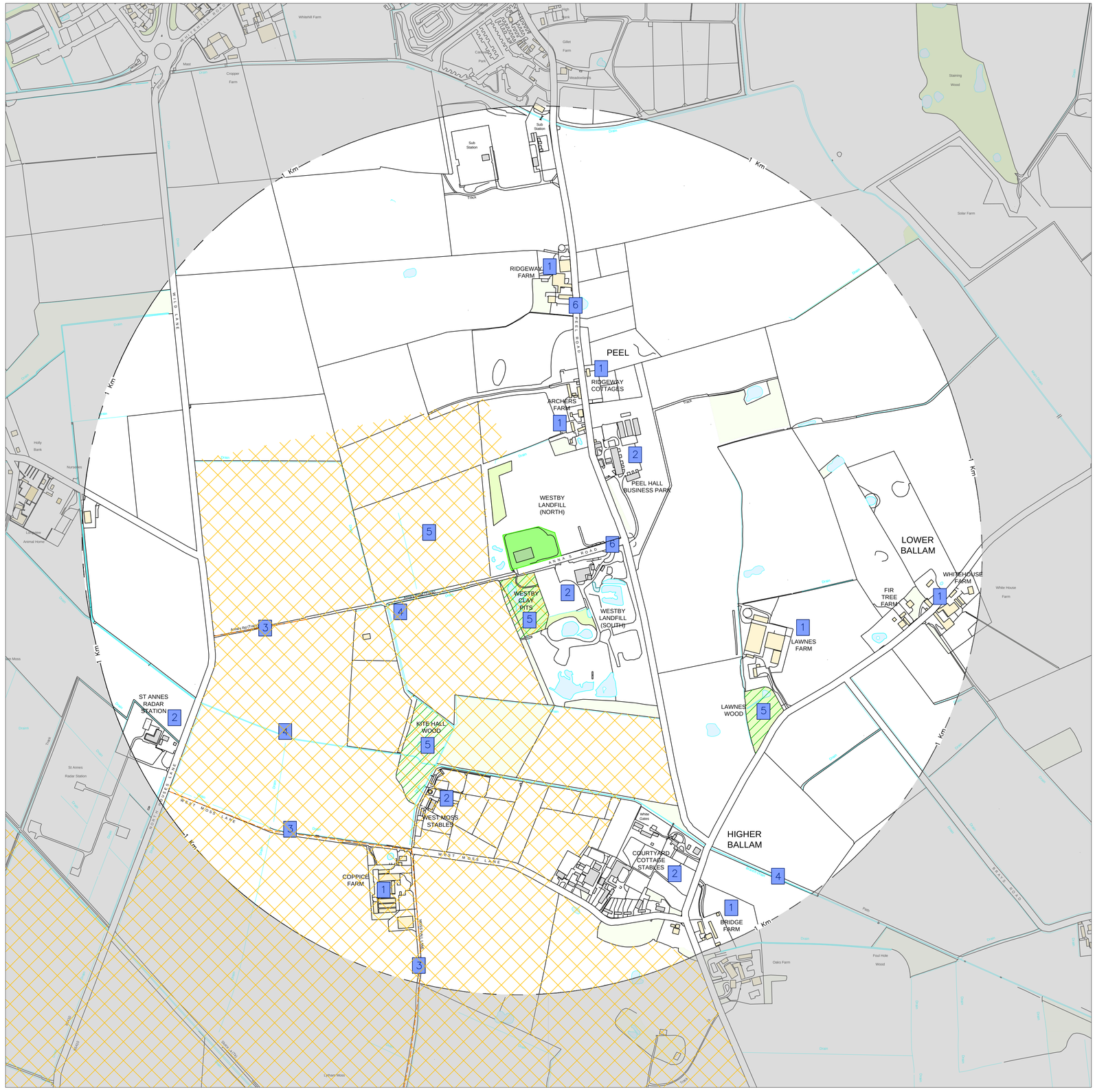
STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton,
Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT: GREEN FUTURE RECYCLING LIMITED		DRAWN BY: M.Y.B	APPROVED BY: C.G
JOB TITLE: GREEN RECYCLING, THE OLD BRICKWORKS, BLACKPOOL		DATE: 26/08/24	DRAWING No.: 122/01
DRAWING TITLE: SITE LOCATION PLAN		SCALE @ A4.: 1:50,000	



STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton, Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT	GREEN FUTURE RECYCLING LIMITED
JOB TITLE.	GREEN RECYCLING, THE OLD BRICKWORKS, BLACKPOOL
DRAWING TITLE.	SITE LAYOUT PLAN
DRAWN BY.	M.Y.B
APPROVED BY.	C.G
DATE.	26/08/24
SCALE @ A3.	1:1000
DRAWING No.	122/02



LEGEND

- PERMIT AREA
- 1 KM RECEPTOR BOUNDARY
- FOOTPATHS
- RESIDENTIAL BUILDINGS
- INDUSTRIAL/COMMERCIAL
- WOODLAND
- PRIORITY HABITAT WOODLAND
- LYTHAM MOSS BIOLOGICAL HERITAGE SITE
- WATERBODIES/WATERWAYS
- 1 RECEPTOR REFERENCE

PREVAILING WIND DIRECTION (FROM THE WEST)

REV.	DESCRIPTION	DATE	BY

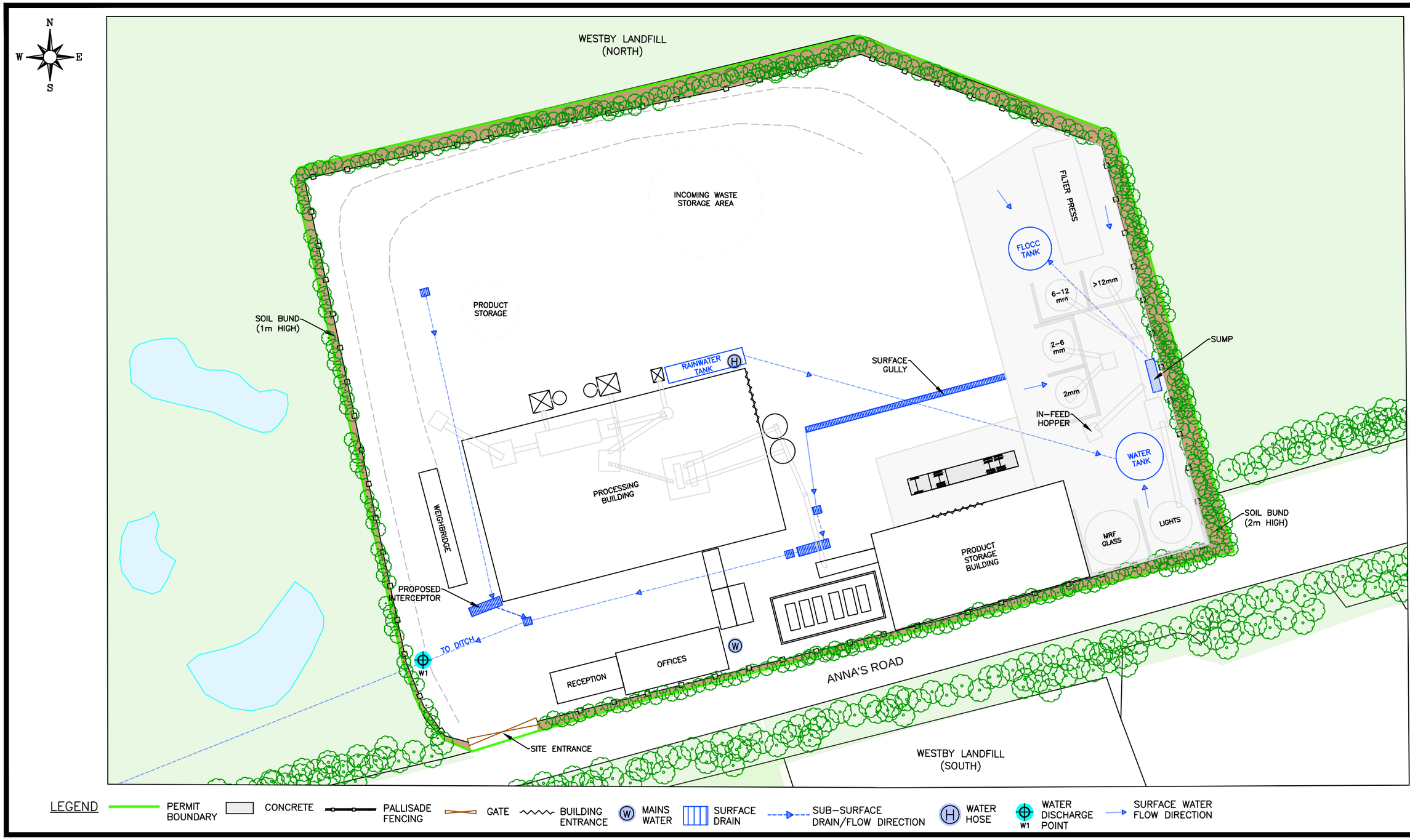
STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton,
Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT.
GREEN FUTURE RECYCLING LIMITED

JOB TITLE.
GREEN RECYCLING
THE OLD BRICKWORKS

DRAWING TITLE.
RECEPTORS WITHIN 1 KM

DRAWN BY.	APPROVED BY.	DRAWING No.
M.Y.B	C.G	122/03
DATE. 12/08/24	SCALE @ A1. 1:4000	



STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton, Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT GREEN FUTURE RECYCLING LIMITED		DRAWN BY. M.Y.B	APPROVED BY. C.G
JOB TITLE. GREEN RECYCLING, THE OLD BRICKWORKS, BLACKPOOL		DATE. 16/09/24	DRAWING No. 122/04
DRAWING TITLE. DRAINAGE PLAN		SCALE @ A3. 1:1000	

APPENDIX B

Product Grade Specifications

The Old Brickworks, Annas Road, Off Peel Road, Blackpool, Lancashire, FY4 5JX

Tel: (01253) 733366
Email: carla@greenfuturerecycling.co.uk
www.greenfuturerecycling.co.uk

Green Future Recycling

"Proudly working for a greener future"

Specialist manufacturer of glass media for
Swimming Pool Filtration
Sandblasting
Surface Dressing
Block Paving

Glass Data Sheet Grade 1 (1.0mm – 0.5mm)

Contamination: Paper <20g / tonne, ceramics, stones and plastic < 3.0%, ferrous metal < 0.3%

Composition: Produced from mixed colour recycled container glass

Particle shape: Sub-angular granular cuboid

Colour: Mixed colour glass (light to pale green)

Specific gravity: 2.5

Bulk density: Uncompacted 1.310 tonnes / cu m
Compacted 1.450 tonnes / cu m

Nominal effective size: 0.54 – 0.80 mm

Uniformity coefficient: < 1.41

Viodage: Uncompacted 0.48
Compacted 0.42

Typical Sieve Analysis

Sieve size mm	Cumulative % passing	Cumulative % retained	Specification %
1.18	100	0	0 - 5
1.00	95.7	4.3	0 – 5
0.85	75.4	24.6	10 - 40
0.71	51.4	48.6	25 - 90
0.60	21.6	78.4	75 - 100
0.50	4.1	95.9	95 - 100

Typical Chemical Composition

Oxide	SiO2	K2O	MgO	TiO2	Fe2O3	SO3	Na2O	CaO	BaO	Al2O3	Cr2O3
Wt %	72.2	0.45	1.65	0.06	0.07	0.16	13.3	10.9	0.04	1.50	0.02

Composition may vary slightly due to slight variations in mixed colour container glass supplies

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Glass Data Sheet Grade 2A (2.0mm – 1.0mm)

Contamination: Paper <20g / tonne, ceramics, stones and plastic < 3%, ferrous metal < 0.3%

Composition: Produced from mixed colour recycled container glass

Particle shape: Sub-angular granular cuboid

Colour: Mixed colour glass (light to pale green)

Specific gravity: 2.5

Bulk density: Uncompacted 1.324 tonnes / cu m
Compacted 1.477 tonnes / cu m

Nominal effective size: 1.04 – 1.34 mm

Uniformity coefficient: < 1.3

Viodage: Uncompacted 0.47
Compacted 0.41

Typical Sieve Analysis

Sieve size mm	Cumulative % passing	Cumulative % retained	Specification %
2.0	100	0	0 - 5
1.6	93.0	7.0	0 – 35
1.4	70.4	29.6	25 - 80
1.25	41.7	58.3	50 - 90
1.0	4.9	95.1	95 - 100

Typical Chemical Composition

Oxide	SiO2	K2O	MgO	TiO2	Fe2O3	SO3	Na2O	CaO	BaO	Al2O3	Cr2O3
Wt %	72.2	0.45	1.65	0.06	0.07	0.16	13.3	10.9	0.04	1.50	0.02

Composition may vary slightly due to slight variations in mixed colour container glass supplies

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Glass Data Sheet Grade 2B (3mm - 1mm)

Contamination: Paper 10g / tonne, ceramics, stones and plastic < 3%, metal < 0.1%

Composition: Produced from mixed colour recycled container glass

Particle shape: Sub-angular granular

Colour: Mixed colour glass (light to pale green)

Specific gravity: 2.5

Bulk density: Uncompacted 1.324 tonnes / cu m
Compacted 1.477 tonnes / cu m

Nominal effective size: 1.04 – 1.34 mm

Uniformity coefficient: < 1.3

Viodage: Uncompacted 0.47
Compacted 0.41

Green Future Recycling will be seeking DWI's approval for potable water filtration in the very near future.

Typical Sieve Analysis

Sieve size mm	Cumulative % passing	Cumulative % retained	Specification %
3.0	100	0	0 - 5
1.6	93.0	7.0	0 – 35
1.4	70.4	29.6	25 - 80
1.25	41.7	58.3	50 - 90
1.0	4.9	95.1	95 - 100

Typical Chemical Composition

Oxide	SiO2	K2O	MgO	TiO2	Fe2O3	SO3	Na2O	CaO	BaO	Al2O3	Cr2O3
Wt %	72.2	0.45	1.65	0.06	0.07	0.16	13.3	10.9	0.04	1.50	0.02

Composition may vary slightly due to slight variations in mixed colour container glass supplies

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Surface Dressing
Block Paving

Glass Data Sheet Grade 3 (3.0mm – 6.0mm)

Contamination: Paper <20g / tonne, ceramics, stones and plastic < 3%, ferrous metal < 0.3%

Composition: Produced from mixed colour recycled container glass

Particle shape: Sub-angular granular cuboid

Colour: Mixed colour glass (light to pale green)

Specific gravity: 2.5

Bulk density: Uncompacted 1.30 tonnes / cu m
Compacted 1.38 tonnes / cu m

Nominal effective size: 3.1 –4.9 mm

Uniformity coefficient: < 1.3

Viodage: Uncompacted 0.47
Compacted 0.41

Typical Sieve Analysis

Sieve size mm	Cumulative % passing	Cumulative % retained	Specification %
6.0	100	0	0 - 5
5.2	78.0	22.0	0 – 35
4.3	41.0	59.0	25 - 80
3.5	20.0	80.0	50 - 90
3.0	4.0	96.0	95 - 100

Typical Chemical Composition

Oxide	SiO2	K2O	MgO	TiO2	Fe2O3	SO3	Na2O	CaO	BaO	Al2O3	Cr2O3
Wt %	72.2	0.45	1.65	0.06	0.07	0.16	13.3	10.9	0.04	1.50	0.02

Composition may vary slightly due to slight variations in mixed colour container glass supplies

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Glass Data Sheet Grade Fine (0.6mm – 0.2mm)

Better flowing than silica sand, higher permeability, 12% less weight required for the same volume of silica sand. No free silica as health hazard, eco-friendly inert material.

Composition: Produced from mixed coloured recycled container Glass (soda lime glass)

Particle shape: Sub-angular granular

Colour: Mixed coloured glass (light to pale green)

Specific gravity: 2.5

Bulk density: Uncompacted 1.22 tonnes / cu m
Compacted 1.35 tonnes / cu m

Nominal effective size: 0.24 – 0.40mm

Uniformity coefficient: < 1.41

Viodage: Uncompacted 0.51
Compacted 0.46

Typical Sieve Analysis

Sieve size micron	Cumulative % passing
600	100
560	88.1
450	76.3
400	67.8
355	45.8
180	0.0

Typical Chemical Composition

Oxide	SiO2	K2O	MgO	TiO2	Fe2O3	SO3	Na2O	CaO	BaO	Al2O3	Cr2O3
Wt %	72.2	0.45	1.65	0.06	0.07	0.16	13.3	10.9	0.04	1.50	0.02

Composition may vary slightly due to slight variations in mixed colour container glass supplies

APPENDIX C

PRN Accreditation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (As Amended)

Notification of a grant of accreditation

Accredited operator	Green Future Recycling Ltd
Site address	The Old Brickworks, Anna's Road Blackpool, Lancashire, FY4 5JX
Registered address	Vantage House Euxton Lane, Euxton, Chorley, Lancashire, England, PR7 6TB
Companies House number	4505243
Accreditation number	ER252013153
Operator Type	Reprocessor
Tonnage Limits	None
Process	Recycling of Glass (Other)

The accreditation will commence on **17 January 2025** and, unless notified in writing by the Environment Agency, will remain valid until **31 December 2025**.

We may cancel the accreditation or in certain circumstances it may be 'deemed' to be cancelled.

This accreditation only applies to the above named operator and specified site and process. The accreditation allows the reprocessor to issue PRNS against the UK Packaging waste they reprocess, subject to complying with all applicable Producer Responsibility Obligations (Packaging Waste) Regulations 2007 as amended, including all conditions of accreditation.

You must notify the Environment Agency immediately in writing of any changes to the details submitted with your application. If you sell the business you will no longer be an accredited reprocessor. The purchaser of the business may have to make a new application for accreditation.

You are reminded that ePRNs must not be issued for more than the total amount of packaging waste which is received for reprocessing. Any ePRNs issued contrary to this are invalid and may not be accepted as evidence of compliance if presented by a Producer or Scheme.

Please be aware that the Environment Agency has a duty to monitor compliance with your current, and any previous years' accreditations under the Producer Responsibility Obligations (Packaging Waste) Regulations 2007 as amended. Any non-compliance may result in the suspension or cancellation of your accreditation and/or enforcement action being undertaken in accordance with our Enforcement and Sanctions Policy.

Environment Agency Quadrant 2, 99 Parkway Avenue, Sheffield. S9 4WF
Telephone: 03708 506 506
Email: packaging@environment-agency.gov.uk
www.gov.uk/environment-agency

Additional guidance is provided in Annex II.

Conditions of accreditation

You must comply with the conditions of accreditation in Annex I. Failure to do so may lead to suspension or cancellation of your accreditation and/or enforcement action.

Suspension or cancellation of accreditation

The Environment Agency has the power to suspend or cancel your accreditation if it appears to us that you have:

(1) failed to comply with any of the conditions of accreditation.

(2) knowingly or recklessly supplied false information in your application for accreditation.

(3) knowingly or recklessly supplied false information in connection with your compliance with the conditions of accreditation.

Under regulation 27 there is a statutory right of appeal to the Secretary of State against the decision of the Environment Agency to specify a condition pursuant to paragraph (1)(q)(iii) of schedule 5.

The procedure on appeals is set out in Schedule 6 to the Regulations. A request to appeal should be made within 2 months of the date of this notification, by notice in writing to the Secretary of State stating the grounds of the appeal. The address to which appeals should be sent is:

The Secretary of State
Department of the Environment, Food and Rural Affairs
PR Team
Environment Quality
Ground floor
Seacole Building
2 Marsham Street
London
SW1P 4DF

The notice should be accompanied by a copy of any correspondence and documents that are relevant to the appeal and a statement indicating whether you wish the appeal to be in the form of a hearing or to be determined on the basis of written representations. A copy of the notice should be sent to the Environment Agency at the address below, together with copies of all the accompanying documents.

Signed:

Christine Norris

Designation: Senior Technical Officer Date: 17 January 2025

Environment Agency Quadrant 2, 99 Parkway Avenue, Sheffield. S9 4WF
Telephone: 03708 506 506
Email: packaging@environment-agency.gov.uk
www.gov.uk/environment-agency

Annex I

Conditions of accreditation

Receipt of packaging waste

1. PRNs shall not be issued for more than the total amount of packaging waste which

(i) is received for reprocessing on the reprocessing site in the year or the part of the year for which you are accredited and

(ii) you are capable of reprocessing on the site for which you are accredited no later than the end of following year.

(Schedule 5(1)(a))

Reprocessing

2. PRNs shall not be issued for more than the total amount of packaging waste which you are capable of reprocessing on the reprocessing site no later than the end of the year following the year in which the waste was received, by the reprocessing method into a finished product in accordance with your application (updated on 03/01/2025) unless a variation has been approved by the Environment Agency in writing.

(Schedule 5(1)(q)(iii))

Prohibitions

3. You must not issue PRNs on any packaging waste

(i) unless it has been received for reprocessing on the reprocessing site

(Schedule 5(1)(b))

(ii) unless the acceptance, storage and treatment of the waste is authorised by and compliant with an environmental permit, exemption or regulatory position statement or any other required authorisation

(iii) in respect of which a PRN has previously been issued

(iv) that has been received at the site prior to the date on which accreditation commences

(v) N/A

(Schedule 5(1)(q)(iii))

Compliance with Application

4. You must undertake sampling and inspection of packaging waste received for reprocessing, in accordance with a plan approved by the appropriate Agency.

(Schedule 5(1)(q)(ii))

5. You may only issue PRNs in respect of any packaging waste if

(i) The type of packaging waste

(ii) The method by which it has been sourced

(iii) The process by which it has been accepted, sampled and inspected

is in accordance with your application (updated on 03/01/2025) unless a variation has been approved by the Environment Agency in writing.

(Schedule 5(1)(q)(iii))

Adjustment.

6. An adjustment must be made to the waste recording on NPWD within 14 days in respect of waste for which a PRN has been issued

(i) in respect of waste that is not packaging

(ii) in respect of packaging waste where conditions 1, 2, 3, 4 or 5 above have not all been complied with in full.

(Schedule 5(1)(q)(iii))

Receipt in December

7. PRNs which relate to packaging waste received for reprocessing in December of a year shall specify that fact.

(Schedule 5(1)(c))

PRNs issued after 31 January

8. Where a PRN has not been issued by 31st January in any year in respect of an amount of packaging waste received for reprocessing in the previous year a PRN for that amount shall not be issued to producers or operators of schemes, or to the representatives of producers or operators of schemes but shall be issued to the appropriate Agency on or before 28th February in that year.

(Schedule 5(1)(g))

9. Subject to 8 above, PRNs may only be issued to producers or operators of schemes, or to the representatives of producers or operators of schemes.

(Schedule 5(1)(k))

Recording PRNs

10. The weight of packaging waste recorded on a PRN shall be—

(i) rounded up to the nearest whole tonne where the part tonne is 0.5 or more

(ii) rounded down to the nearest whole tonne where the part tonne is less than 0.5.

(Schedule 5(1)(i))

Records and Reports

11. Records shall be maintained for each quarter year on a form made available for the purpose by the appropriate Agency, shall be retained for at least 4 years after the end of the year in which the record is made and shall be made available to the appropriate Agency on demand.

(Schedule 5(1)(m))

12. Reports shall be provided to the appropriate Agency before each of 21st April, 21st July, 21st October and 28th February in respect of the previous quarter year on—

(i) the tonnage of packaging waste received for reprocessing in that quarter

(ii) the tonnage of packaging waste reprocessed in that quarter

(iii) the number of PRNs issued in that quarter and

(iv) a list of all PRNs issued

on a form provided by the appropriate Agency.

(Schedule 5(1)(n))

13. A report shall be provided to the appropriate Agency before 28th February in each year which

(i) sets out all the information provided in the quarterly reports which relate to the whole of the previous year

(ii) sets out the amount of revenue received in the previous year from the sale of PRNs

(iii) sets out what that amount has been spent on, including information on

- investment in infrastructure and the development of capacity for the collection, sorting, treatment and reprocessing of packaging waste
- funding provided to other persons involved in the collection of packaging waste
- reductions in the prices of, and the development of new markets for, materials or goods made from recycled packaging waste
- the costs of complying with obligations in these Regulations
- funds retained for future investment
- the development of a communications strategy for consumers of packaging made from recyclable materials

(iv) accounts for the whole of that amount

(v) sets out and explains any deviation during the previous year from the business plan referred on in regulation 24(1)(c)

(vi) is in the form prescribed by the appropriate Agency for this purpose.

(Schedule 5(1)(o))

14. The following information must be retained for a period of 4 years and made available to the Environment Agency on request

(i) evidence demonstrating that PRNs have only been issued on eligible packaging waste
(ii) evidence that the reprocessed packaging waste has been recycled at the reprocessing site into a new product or material
(iii) records to enable a full audit to be carried out of your procedures and record keeping, including, but not limited to, those records specified in your application for accreditation or any variation approved by the Environment Agency in writing.
(Schedule 5(1)(q)(iii))

Business Plan

15. You must, in so far as it is possible, implement the business plan submitted as part of your application for accreditation.

(Schedule 5(1)(q)(i))

Undertaking

16. N/A

End of waste status

17. N/A

18. ePRNs may only be issued on glass cullet that has been processed and meets The End of Waste Regulation (EU Regulation No 1179/2012) for glass cullet.

(Schedule 5(1)(q)(iii))

19. N/A

Annex II

Information from gov.uk
https://www.gov.uk/guidance/packaging-waste-apply-to-be-an-accredited-reprocessor-or-exporter#

Reprocessors
You must provide and keep details and proof of
•the packaging waste being UK sourced
•your capability of reprocessing it by the end of the following calendar year
•the type of business it comes from
•the type and the weight of the specific material you're applying for accreditation to reprocess
•the reprocessing method being as efficient as possible and the end-product having a beneficial use
•how you'll keep your records to allow for a full audit, including to where you supplied the end product
•your compliance with a national or site specific protocol (agreed set percentages) if applicable
•your compliance with an Agency Agreed Industry Grade (AAIG) if applicable

Reprocessors and exporters must upload a business plan.
It must include:
•measurable targets for the volume of packaging waste you'll reprocess or export for reprocessing
•an income forecast from issuing evidence notes
•how you'll reinvest this money and contribute to increasing amounts of UK packaging waste recycling – we may ask you to provide evidence of this

Reprocessors and exporters must upload a sampling and inspection plan.
It needs to show that the packaging waste you're handling and issuing evidence notes on complies with the rules and is from the UK. It should include:
•what type of materials you reprocess or export, for example, shredded plastic polyethylene terephthalate (PET) bottles
•your checks with suppliers to make sure the waste you receive or export comes from the UK and is packaging
•how the samples you take to check how much waste packaging is in the loads you receive or export are representative of the loads
•your system for inspecting the waste you receive and determining the weight of packaging
•your system for determining the amount of non-target or non-packaging material that's within loads, this should be excluded from evidence notes
•details of any nationally agreed protocols for mixed loads and how you're complying with the specifications set out in the protocol
•details of any site specific protocols you've developed for mixed loads and details of the sampling regime to justify the amount of packaging waste in the loads

•details of any AAIG protocol used and compliance with the specifications in the AAIG

Revenue reports

You must invest revenue generated from evidence notes in ways that will increase and improve recycling of UK sourced packaging waste.

You need to complete and submit a revenue return on NPWD by 28 February following your accreditation year. Include:

•the income you received in the accredited year from issuing ePRNs or ePERNs

•how you reinvested this money to support improved recycling of UK sourced packaging, choose a category from the list in the revenue reports

APPENDIX D

Climate Change Risk Assessment

Climate Change Risk Assessment

In accordance with EA guidance on www.gov.uk and based on 'Adapting to climate change: industry sector examples for your risk assessment' for non-hazardous waste treatment

Site	Glass recycling Facility, Westby
Operator	Green Future recycling Ltd
Address	Green Future Recycling Limited The Old Brickworks Anna's Road Blackpool FY4 5JX
Permit No	
Permitted activities	
Version and Date	23/09/2024- Original
Review and Ammendments:	

Climate change effect	Impact	Relevent to site?	Justification/Mitigation
1. Summer daily temperature	Potential for increased waste reactions or fires involving heat sensitive or combustible waste.	Yes	Waste types are largely inert. Small quantity of non-inert waste (lights) will be stored in a concrete block bay
	Potential for fire if the temperature exceeds the heat rating of components in electrical equipment or components are subjected to intense and direct sunlight.	Yes	Electrical equipment fixed inside cabinets or switch rooms, away from direct sunlight.
	Potential increase in high temperature expansion and stress of plant, pipework and fittings. UV degradation of plastic pipes and hoses causing them to fail.	Yes	Regular inspection and preventative maintenance of site, plant and equipment.
	Potential increased dust emissions from processing areas, stockpiled material and site roads. Reduced availability of water for dust suppression.	Yes	Regular site cleaning and use of dust suppression
			Capturing, collecting and storing uncontaminated rain water from the yard and roof will be explored.
	Long periods of hot and dry weather could lead to a drought and may have an impact on water supplies for: emergency water usage; cooling systems; fire fighting; processes that require water as input for example aggregate and soil washing plants	Yes	Water used for dust supression
			Options for water harvesting and storage at the site for use in onsite processes is being explored
	Potential increased risk of pests and scavengers from stockpiled waste such as food and drink containers, food contaminated wastes and ‘black bag’ type wastes.	No	Waste types do not include readily biodegradable waste or food waste
	Potential increased risk of wildfires impacting the site	No	Site is surrounded by vegetation but not in a heavily wooded area that would support a wildfire

Climate change effect	Impact	Relevent to site?	Justification/Mitigation
2. Winter daily temperatures	Slightly higher winter maximums could generate regular odour complaints and pest infestations.	No	Waste types largely inert
	Lower winter temperatures could result in an increased risk of pipes (or similar) freezing.	Yes	Regular inspection and preventative maintenance of site, plant and equipment.
3. Daily extreme rainfall	Potential for increased site surface water and flooding.	No	Site is in flood zone 1 with low probability of flooding
	There is potential for drainage systems and interceptors to be overwhelmed.	Yes	Interceptors will be cleaned out regularly
4. Average winter rainfall	Potential for increased site surface water and flooding.	No	Site is in flood zone 1 with low probability of flooding
	Potential for drainage systems and interceptors to be overwhelmed.	Yes	Interceptors will be cleaned out regularly
5. Sea level rise	If a site is located near the coast there is potential increased risk of flooding.	No	Site is inland
6. Drier summers	Long periods of hot and dry weather could lead to a drought and may have an impact on water supplies for: emergency water usage; cooling systems; fire fighting; processes that require water as input for example aggregate and soil washing plants	Yes	Water use in dry weather is greater as it is used to damp down dust
			Options for water harvesting and storage at the site for use in onsite processes is being explored
	There is potential increased impact of discharge to watercourse from on-site drainage systems where connected to water courses	Yes	Site drainage will pass through silt trap and interceptors before discharge
7. River flow	Increased impact from on-site drainage systems where they are connected to watercourses.	Yes	Site drainage will pass through silt trap and interceptors before discharge

Climate change effect	Impact	Relevent to site?	Justification/Mitigation
8. Storms	Potential for high winds to damage buildings and infrastructure and blow waste from the site.	Yes	Reviewing buildings and infrastructure to identify vulnerable areas to high winds and measures to protect them and mitigate any impacts from damage
			reviewing prevailing winds to identify sensitive receptors downwind of the site
			identifying preventative measures such as wind breaks or alternative stockpile locations that will reduce the potential impact on downwind receptors
			enhancing housekeeping and cleaning measures to sure particulates on external surfaces are minimised
			being prepared for system failures during stormy weather and potential need for unplanned shutdown or mobile backup generators
	Potential for high winds to cause problems with stability of above ground storage tanks on jacks. This poses a risk to staff, plant infrastructure and the potential to release the contents of the storage tank.	No	No tanks on site on jacks
	Potential for lightning strikes to damage buildings and infrastructure.	Yes	assessing the potential and impact of lightning strikes on buildings, equipment and plant
			assessing the need to install lightning conductors

APPENDIX E

Complaints Record

ENVIRONMENTAL COMPLAINT RECORD

DATE		TIME	

Details of the Complainant

Name	
Address	
Tel No	

Details of the Complaint

What is the complaint
Have you carried out an investigation as per the complaints procedure, briefly detail:
What action have you taken
Was there any SIGNIFICANT pollution or environmental impact YES / NO
If YES please detail below
If YES provide the information to the WAMITAB holder for notification to the Environment Agency
Date and Time Environment Agency informed
Name of Person Informed
Date and Time of report back to the Complainant
Details of any changes to procedures or the EMS

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Environmental
Limited