

**ATTACHMENT A  
NON TECHNICAL SUMMARY**

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**General Description of the proposed development:**

Goff Recycling Ltd. have operated a waste collection and management service at the site since the start of 2004. The site is located in the townland of Ballygillane Big / Ballyknockan, St Helens, Kilrane, Rosslare Harbour, County Wexford approximately 2 km south west of Rosslare Harbour and 5 km south east of Rosslare town. The site is located in an existing business park (Kilrane Business Park). It is proposed by Goff Recycling Ltd to apply to the Environmental Protection Agency (EPA) for a Waste License to operate a waste management facility to handle household waste, similar commercial and industrial wastes (all non hazardous types) and waste electrical and electronic equipment materials (WEEE).

The site comprises of 4 x unit buildings as follows: Unit 1 functions as a garage area and small workshop (for routine maintenance of the waste collection vehicles), Unit 2 is used to store segregated and baled waste materials and Unit 3 acts as transfer station building for acceptance and handling of incoming non hazardous waste. A weighbridge, concrete yard areas with ancillary drainage provisions and an administration building which functions as a reception, record keeping, canteen and toilets building are also located on-site. The surface is a mixture of hardstanding and concrete in places. The waste management site has been in operation for approximately 2 years. The site entrance is appropriate to the nature and scale of operations.

The existing site has planning permission granted since 19<sup>th</sup> July 2005 for the existing unit buildings. The waste management facility also has a current waste permit issued to it from Wexford County Council (since December 2004). Figures A and A.1 show the location of the site.

**12. (1) Subject to sub-article (2), in the case of an application for a waste licence, the application shall -**

- (a) Give the name, address and, where applicable, any telephone number and telefax number of the applicant (and, if different, the operator of the facility concerned), the address to which correspondence relating to the application should be sent and, if the applicant or operator is a body corporate, the address of its registered office or principal office,**

This application is been made for Goff Recycling Ltd, Ballygillane Big / Ballyknockan, St Helens, Kilrane, Rosslare Harbour, County Wexford. This facility will be run, owned and operated by Goff Recycling Ltd as a focal point for their waste collection business. Goff Recycling Ltd . is a registered company reference number: 384006 with a company address at same as above. Mr Criostoir O'Brien of Midland Environmental Services Ltd, Dereen, Durrow, Co. Laois in conjunction with Enviroco Management Ltd. O'Moore Street, Tullamore, Co Offaly has carried out this application.

**(b) Give the name of the planning authority in whose functional area the relevant activity is or will be carried on,**

The existing waste management site is situated in Ballygillane Big / Ballyknockan, St Helens, Kilrane, Rosslare Harbour, County Wexford and is subject to Wexford County Council's authority. Details of the site Planning Permission, site Waste Management Permit and Goff Recycling Ltd's Waste Collection Permit have all been included for inspection in the Appendices.

**(c) In the case of a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer of a sanitary authority, give the name of the sanitary authority in which the sewer is vested or by which it is controlled,**

No effluent will be discharged to sewer of a sanitary authority or other body for the following reasons.

All domestic effluent generated on-site will be discharged to proprietary units on-site, the run-off from this unit will go to a percolation area.

All surface water run-off from outside yard areas at the existing waste management site will be directed to a silt trap with an interceptor before discharge to a land drain.

Effluent run-off from the truck washing area will flow into the silt trap followed by an interceptor unit before discharge to a land drain.

All water from roofed buildings will be directed to surface water holding tanks before being directed to the land drain separately.

Any liquid run-off generated at Unit 3 (waste acceptance and processing building) will be collected in an underground holding tank. The level of run-off will be manually monitored weekly and when full the tank will be emptied by an authorised liquid waste disposal operator. This waste will be delivered to a local authority wastewater treatment plant or for incineration abroad.

- (d) Give the location or postal address (including, where appropriate, the name of the townland or townlands) and the National Grid reference of the facility or premises to which the application relates,**

The waste management facility will be located in Ballygillane Big / Ballyknockan, St Helens, Kilrane, Rosslare Harbour, County Wexford, this can be found on a 25 inch Ordnance Survey Map at grid reference E313215 N111026, see Figures A and A.1 attached.

- (e) Describe the nature of the facility or premises concerned, including the proposed capacity of the facility or premises and, in the case of an application in respect of the landfill of waste, the requirements specified in Annex 1 of the Landfill Directive,**

The facility currently operates as a Materials Recovery Facility under a Waste Management Permit Ref. No. WP/04/12 issued by Wexford County Council. This facility currently deals with approximately 10,800 tonnes of municipal waste sourced from commercial/industrial/construction and demolition clients and some household skip waste. Collected waste is sorted into recyclable and non-recyclable goods. Recyclable goods are sent off site for final recycling after they have been correctly sorted. Non-recyclable goods are sent to registered landfill, or other licensed facilities for further treatment or disposal. The majority of waste is handled in this way.

As part of future proposed site operations, Goff Recycling Ltd proposes to accept waste electrical and electronic equipment materials (WEEE) at Unit 2 building at the site for storage prior to off-site removal for recovery operations. It is proposed through site improvements and future site operations, that this waste management facility will be able to process 23,000 tonnes per annum of non-hazardous waste and WEEE by 2009.

- (f) Specify the class or classes of activity concerned, in accordance with the Third and Fourth Schedules of the Act and, in the case of an application in respect of the landfill of waste, specify the class of landfill in accordance with Article 4 of the Landfill Directive.**

The principal class of activity to which the licence application relates to is;

*Class 13 of the Third Schedule (Waste Disposal Activities) of the Act: 'Storage prior to submission to any activity referred to in this schedule, other than temporary, pending collection, on the premises where the waste concerned is produced'.*

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Non Technical Description: This relates to the storage of domestic, commercial and industrial residual wastes which will be stored in forty foot ejector trailers on site prior to transfer to other EPA licensed transfer stations or landfill facilities for further recovery or disposal.

Consequently, other activities carried out on site include;

*Class 11 of the Third Schedule (Waste Disposal Activities) of the Act: 'Blending or mixture prior to submission too any activity referred to in this schedule'.*

Non Technical Description: This relates to the mixing of domestic, commercial and industrial residual wastes on the floor of the transfer station building before being placed into articulated 40 foot ejector trailers to await transfer to other authorised facilities for disposal.

*Class 12 of the Third Schedule (Waste Disposal Activities) of the Act: 'Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule'.*

Non Technical Description: All waste being handled at the facility is delivered to the site in refuse collection vehicles, skips or wheeled bins. This activity relates to the residual waste which remains after the recyclables are picked out and which is then repackaged into ejector trailers for transfer to authorised landfills or waste transfer facilities.

*Class 2 of the Fourth Schedule (Waste Recovery Activities) of the Act: 'Recycling or reclamation of organic substances which are not used as solvents'.*

Non Technical Description: This relates to the segregation and sorting of timber waste and green waste removed from domestic, commercial, industrial and construction and demolition wastes tipped onto the floor of Unit 3 building. This also relates to the removal of cardboard and paper waste from the waste tipped onto the floor of Unit 3 building before being baled for storage prior to transfer to authorised recyclers. Acceptance of soil waste (uncontaminated) so that it can be re-used or recovered off-site is included here.

*Class 3 of the Fourth Schedule (Waste Recovery Activities) of the Act: 'Recycling or reclamation of metals or metal compounds'.*

Non Technical Description: This relates to the removal of metal from domestic, commercial, industrial and construction & demolition wastes tipped onto the floor of Unit 3 building. This metal waste is then placed into a skip bin prior to removal to authorised metal recyclers. This also related to the acceptance and temporary storage to waste electrical and electronic equipment (WEEE waste) prior to removal to authorised WEEE recyclers.

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*Class 4 of the Fourth Schedule (Waste Recovery Activities) of the Act: 'Recycling or reclamation of other inorganic materials'.*

**Non Technical Description:**

This relates to the acceptance and segregation of plastic film and polystyrene from domestic, commercial, industrial and construction & demolition wastes tipped onto the floor of Unit 3 building before being baled for storage prior to transfer to authorised recyclers.

This also relates to the segregation of mixed construction and demolition wastes into its constituents parts i.e. metal, timber, cardboard, soil and stones. These waste streams are then stored before transfer to authorised recyclers or facilities for recovery.

Glass bottles are also removed from domestic, commercial, industrial and construction & demolition wastes tipped onto the floor of the transfer station. This glass is then stored in concrete bays outside Unit 3 and when sufficient volumes are available the glass is loaded into skips for transfer to authorised glass recyclers.

Finally, this activity relates to the acceptance of waste electrical and electronic materials (WEEE waste) and temporary storage prior to off-site removal to authorised facilities.

*Class 13 of the Fourth Schedule (Waste Recovery Activities) of the Act: 'Storage prior to submission to any activity referred to in this schedule, other than temporary, pending collection, on the premises where the waste concerned is produced'.*

**Non Technical Description:** This relates to the storage of segregated and recovered waste streams i.e. cardboard, metal, timber, plastic, glass, soil and stones and WEEE waste before transfer to authorised facilities for recycling.

- (g) Specify, by reference to the relevant European Waste Catalogue codes as presented by Commission Decision 2000/532/EC of 3 May 2000, the quantity and nature of the waste or wastes which will be treated, recovered or disposed of,**

Goff Recycling Ltd, currently accepts Mixed Construction & Demolition Waste, Commercial & Industrial Waste (Skips) and Household Skips are accepted at the facility.

Proposed future operations include the acceptance of commercial wheelie bins and domestic wheelie bins waste being collected in refuse trucks and bulking this waste in trailers for off-site recovery and/or landfill. Goff Recycling Ltd also proposed to accept and store WEEE materials at Unit 2 building at the site prior to off-site removal for recovery operations.

Waste Type (all non hazardous wastes)	EWC Code	Quantity
Municipal Domestic	20 03 01	5,000
Commercial/ Industrial	20 01 00	4,000
Commercial/ Industrial packaging waste	15 00 00	4,000
Construction and Demolition (including Soil/Stone/ Rubble)	17 00 00	4,000
Industrial Non-hazardous	20 01 00	4,000
WEEE materials	20 01 00 / 16 02 00	2,000

After arrival these wastes are sorted into constituent fractions ready for recycling, recovery or disposal.

From time to time other EWC codes may be used to describe each of the four main waste types accepted at the facility. A full list of possible EWC codes to be accepted at the facility is included in Appendix 8 to this application.

**(h) Specify the raw and ancillary materials, substances, preparations, fuels and energy which will be utilised in or produced by the activity,**

The raw material for the facility is the waste generated from off site domestic, industrial, commercial and construction/demolition operations.

Bulk waste arrives onto the site and separated waste fractions are achieved on site, these separated fractions, where recovery cannot be achieved, are sent for further disposal or treatment at other licensed facilities.

White and green diesel fuel will be required on the site for the operation of the machinery and to fuel waste collection vehicles (skip trucks). Hydraulic oil, grease and gear oil will be used to power hydraulic rams, lubricate mechanical moving parts and general maintenance of site equipment and waste collection vehicles. Antifreeze will be used to prevent cooling waters in machinery and waste collection vehicles from freezing.

Paint and thinners will be used off-site only for painting of skips, plant equipment and waste collection vehicles.

Rat poison will be on site to control vermin.

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Acetylene and oxygen gas will be used in the cutting and heating of metal on site (inside the garage/workshop area).

Over 85% of the material usage to be utilised by Goff Recycling Ltd will occur in the use of the haulage vehicles. This will be minimised by the regular maintenance of the vehicles and updating of the fleet with modern equipment when possible, to utilise less material.

Site material usage will be minimised through regular maintenance, activation of heavy equipment (balers) only when sufficient volumes of material are available to process. This will further reduce the volume of material used site and thus reduce energy consumption. Three phase power generators will only be used when the plant on site is required to process waste materials.

**(i) Describe the plant, methods, processes, ancillary processes, abatement, recovery and treatment systems and operating procedures for the activity,**

All incoming municipal waste loads (skip waste) are weighed-in then tipped inside the Unit 3 building for visual inspection. Any potential hazardous materials are identified and quarantined for specialised hazardous waste contractors. A mixture of mechanical equipment and manual handling achieves segregation of the waste. Waste material is first subjected to mechanical separation by a grab. Manual sorters on the floor of the building then pick out recoverable fractions that are not separated by these methods. All recovered materials are sent off-site for further recycling to various contractors and recycling industries. Unredeemable material is removed from the facility and sent to landfill or other licensed disposal.

Future operations;

- All domestic waste and similar commercial wheelie bin waste will be accepted in Unit 3 building. This waste will be tipped on the floor and visually inspected for any unauthorized waste. This waste will then be bulked into a trailer for off-site removal to further recovery operations or landfill disposal.
- WEEE materials are to be accepted at Unit 2 building for storage prior to off-site recovery.

**(j) Provide information for the purpose of enabling the Agency to make a determination in relation to the matters specified in paragraphs (a) to (i) of section 40(4) of the Act,**

- (a) Emissions (noise, dust, water, odour) from the operation of this facility by Goff Recycling Ltd will not result in the contravention of any relevant standard. Controls will be put in place to limit or eliminate the emissions and regular monitoring carried out to ensure that these control measures are working effectively.
- (b) Environmental pollution will not occur for the following reasons:



All municipal waste tipping will occur within Unit 3 building under controlled conditions

There will be no fuel and oil storage within the facility

All on-site domestic effluent will pass through a proprietary treatment system before discharge to percolation.

All surface water run-off from outside yard areas will be treated by an interceptor with silt trap before entering a holding tank and eventual discharge to land drain.

Noise, dust and odours will be controlled and monitored accordingly.

- (c) The Best Available Technology Not Entailing Excessive Cost (BATNEEC) will be used to prevent, eliminate and control emissions from the activity concerned. The activity is consistent with the objectives of the relevant waste management plan.
- (d) Goff Recycling Ltd are fit and proper to hold a waste licence as defined by the EPA
- (e) In the event of decommissioning the facility, Goff Recycling Ltd will follow the procedures as defined under the granted licence. A financial bond will be entered to ensure funds will be available to carry out such works as are needed.
- (f) Energy consumption is estimated at 85% for vehicles and 15% for the plant. Vehicles and machinery will be regularly maintained to prevent wear and tear that can lead to increased energy consumption.
- (g) Noise emissions from the site are not deemed to have a nuisance effect on the surrounding environment. The future developments of this facility are not deemed to pose any notable increase in noise emissions at Noise Sensitive Locations.
- (h) There are a number of structures on site to prevent accidents occurring which will have an effect on the environment. In the event of an accident, procedures have been put in place to limit the consequences to the environment. Details of these procedures are contained in Attachment J.1.a “*Accident Prevention*” and J.1.b “*Emergency Response*”
- There are 4 contingencies that must be allowed for when operating a Solid Waste Transfer Facility:
1. Operational failure of plant and equipment
  2. Breakdown of transfer/transport system
  3. Industrial action by operational staff
  4. Fire in the Facility
- Details of each contingency are dealt with in more detail in Attachment J.1.c “*Contingency Arrangements*”
- (i) Measures to decommission the site in the event of the cessation of all or part of the activity are described in Attachment K.1 “*Remediation, Decommissioning, Restoration and Aftercare*”
- (k) Give particulars of the source, location, nature, composition, quantity, level and rate of emissions arising from the activity and, where relevant, the period or periods during which such emissions are made or are to be made,**

There are no direct discharges associated with the operation of this facility. Some air emissions will occur from the combustion engines of items of plant and equipment as will associated noise from machinery operations.

Water and wastewater stream flows are outlined in section 12.(1).c

Noise emissions will occur with the movement of vehicles on site and vehicles entering and leaving the site. The operation of the balers and associated equipment will also increase ambient noise levels. This equipment is to be stored and used in Unit 2/3 buildings and only to be used when sufficient material is present to continually operate the machinery. Noise monitoring carried out did not find excessive noise levels at the nearest noise sensitive locations.

Odours may arise due to the decomposition of organic material, Goff Recycling Ltd will accept such wastes as part of the mixed municipal waste, though this waste will only be stored on site for short period before transportation to licensed facilities off-site, this will reduce potential odour arisings. No odours are expected from the acceptance of WEEE materials at the site.

- (l) give details, and an assessment of the effects, of any existing or proposed emissions on the environment, including any environmental medium other than that into which the emissions are, or are to be, made, and of proposed measures to prevent or eliminate or, where that is not practicable, to limit or abate such emissions,**

Air emissions will be minimised by maintaining machinery to a good and proper standard; installation of a dust control schedule will be initiated to prohibit any potential dust emissions.

Emissions to surface water will occur. Water run-off from the concrete yard area associated with the existing waste management facility will be treated by a silt trap and interceptor unit, then collected in an attenuation tank before discharge to land drain. Rain run-off from all building roofs will enter the same retention tank before discharge to the land drain. Domestic sewage (from site toilets) and canteen effluent will be passed through a wastewater treatment unit before entering a percolation area. There will be no truck or bin washing at the facility.

It is not seen as likely that the Goff Recycling Ltd site will have any significant impact on the quality of the surface waster or groundwater in the region.

To further protect the groundwater in the locality the following considerations have been put in place:

- Storm water drainage system is been improved and further concrete areas will be put in place,
- On-site collection and treatment of leachate and washings from within Unit 3 building.

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- No liquid or hazardous wastes will be accepted at the facility.
  - No heating oil or diesel storage will occur at the facility.
  - All waste streams will be stored inside buildings with the exception of a skip for non hazardous metals storage.

No list I or II substances have been discovered in the groundwater and there is no indication of industrial pollution in the local groundwater environment.

Dust, odour and noise emissions from the loading, unloading and storage of waste. Dust will be minimised by:

- Dampening dusty waste during unloading
- Covering of external dusty wastes stock piles
- Sweeping and washing of Unit 3 regularly
- Washing of waste collection vehicles
- Use of road sweeper on the facility yard during dry conditions
- Incorporation of mitigation measures as recommended by the EPA or Planning Authority.

As no waste is disposed of on-site and only temporary storage will be occurring of domestic waste, odour is not seen as a likely issue. To date Goff Recycling Ltd have received no complaints in relation to odour from current activities.

From noise monitoring carried out in and around the locality of the Goff Recycling Ltd site, it is not deemed that on-site noise is a cause of nuisance to the local environment or at noise sensitive locations. Waste operations will occur inside the various unit buildings to minimise possible noise pollution from site operations.

Any spills / dirty water that may occur inside Unit 3 will be directed to an underground storage tank on-site. This will be pumped out at regular intervals and sent off-site to a licensed facility for proper treatment.

**(m) Identify monitoring and sampling points and indicate proposed arrangements for the monitoring of emissions and the environmental consequences of any such emissions,**

A full range of parameters will be sampled for as regarding surface water emissions on the site. Surface waters will be sampled every 3 months. To ensure the efficiency of the oil separators on site.

No groundwater monitoring will occur at the site.

The emissions to land drains will be treated prior to discharge and are not deemed to pose any risk to the local environment. If emission levels become a concern further abatement measures will be considered.

**(n) Describe any proposed arrangements for the prevention, minimisation and recovery of waste arising from the activity concerned,**

This site operates as a waste management facility. The main wastes arising from this activity is that of the imported material for sorting and transfer to relevant recycling/disposal facilities. This is detailed in section 12.1.o. All recyclable waste arriving at the facility will be segregated as much as is possible for off site recovery. The waste management facility will operate in an efficient and productive manner.

All internal waste arising from the operation of the facility such as canteen waste of workers and packing waste from materials being used (e.g. plastics, metals, cardboard etc) will be recovered as much as is possible and/or disposed of off-site in conjunction with other wastes.

**(o) Describe any proposed arrangements for the off-site treatment or disposal of solid or liquid wastes,**

Solid waste (sludge) collected from the on-site domestic wastewater treatment system is to be sent to the nearest Local Authority Waste Water Treatment Plant.

Collected liquid in the underground storage tank outside Unit 3 will be taken at regular intervals during the year by a licensed hazardous waste collector.

Licensed operators will collect waste water and oil mixtures collected in the oil separator units (interceptors) and the silt traps regularly to ensure prime effectiveness of the units.

After sorting, mixed wastes will be dealt with accordingly:

- Timber that is collected, after sorting on site, will be transported to either Kiawah Ltd, Old Turf Yard, Ballybeg, Littleton, Co Tipperary or O'Donnell Recycling, Clonmel, Co Tipperary for recovery
- Metal will be placed in a skip bin and transported to M.S.M Recycling, Harbour street, Mountmellick, Co Laois for recycling.
- Cardboard and plastics are baled separately on site and exported to Alternative Waste Solutions Ltd, England and CWS Recycling, Mountmorris, Co Armagh for recycling.
- Newsprint is collected, sorted and exported to Sudbrook Mill, UK for recycling.
- Glass (bottles) are sorted on-site according to colour in concrete storage bays (green, brown and clear) sent to Glassco Recycling, 22 South William Street, Dublin 2 for recycling.

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- Mixed municipal waste (non-recyclable materials) and domestic refuse that may arrive on-site as part of future operations will be bulked into ejector trailers and transported to some of the following locations for further processing:

Greenstar Recycling Ltd sites at;

KTK, Kilcullen, Co Kildare,

Fassaroe, Bray, Co Wicklow.

Ballyogan Recycling Park, Ballyogan Road, Carrickmines, Dublin 18

Greyhound Waste site at Reduce, Re-Use & Recycling Ltd, Waste Management Centre, Knockmitten Lane, Western Industrial Estate, Dublin 12.

- WEEE materials will be sent for further recovery to authorized facilities.
- Hazardous waste (batteries, paints, fluorescent tubes, oil, fridge's, freezers, washing machines, tyres, and gas bottles) that may arrive on site from time to time as an abnormal occurrence, will be quarantined and transferred to authorised facilities for recycling and disposal.

**(p) Describe the existing or proposed measures, including emergency procedures, to prevent unauthorised or unexpected emissions and minimise the impact on the environment of any such emissions,**

All waste will go through a waste inspection process to ensure proper inspection of all incoming wastes. Any unauthorised or hazardous materials that arrive on the site are directed to a quarantine area, where they are securely kept until licensed contractors can remove them. Any liquid run-off occurring during tipping of skips is stored in a 3,000 litre holding tank (blind sump) under Unit 3 building.

The site is covered in concrete to prevent any spills entering the ground. Such spills are directed to the blind sump area where they can be safely collected and licensed contractors can collect and remove the liquid.

Regular monitoring of site nuisances such as litter, vermin, and odour are carried out to ensure levels are not problematic and to instigate remediation measures where monitoring acknowledges trigger levels.

An Environmental Management System (EMS) will be installed at the facility upon granting of the EPA licence to organise and further update and expand present environmental procedures.

No fuel tanks or heating oil tanks are stored or proposed for the facility. All heating inside buildings is powered by electricity.

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All domestic sewage from the on-site offices and staff amenities will pass through a proprietary treatment system for treatment and then to percolation.

All surface water run-off from outside concreted areas will be treated as follows;

Surface water from the existing waste management facility is passed through a silt trap followed by an interceptor unit before being directed to an attenuation tank. The out flow from this holding tank is an existing land drain which runs along the north east corner of the site.

All roof rainwater will pass directly into the attenuation tank before entering the land drain.

#### Emergency Spill Response Procedure

- If a spill occurs quickly mop it up using available rags or absorbent from the spill kit situated in the transfer station building
- Inform the immediate workers in the area of the spill to ensure no further accidents by slipping
- In the event of a significant spill of material, the Facility Manager is informed immediately.

Due to the nature of materials handled at the facility, potential spills are a rare occurrence;

- No liquid waste are to be accepted at the facility
- No fuel or heating oil is stored at the facility

#### Contingency Arrangements

There are four contingencies that must be allowed for in the operation of a Waste Transfer Facility

- 1 Operational failure of plant and equipment
- 2 Breakdown of transfer/transport system
- 3 Industrial action by operational staff
- 4 Fire in the facility

#### Contingencies 1 to 3

Immediate diversion of waste directly to landfill (if no other choices are available) will occur to minimise possible environmental damage. Under no circumstances will a situation arise whereby waste will be accepted into the facility when the means to transfer the waste after a period not exceeding 60hrs is not available.

In the situation whereby the facility is not operational, and therefore ceases to act as the waste acceptance point for the landfill, the procedures for applying waste acceptance criteria will be undertaken at the landfill itself.

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*Operational Failure of Plant and Equipment*

It is the responsibility of the Facility Supervisor to inspect the plant and equipment each day and ensure it is operational. In the event of operational failure the Managing Director will be informed of the status of the plant and equipment and they shall arrange for immediate repair or replacement of the equipment.

The 'Boa Baler' plant will affect cardboard and paper waste only, most of this waste can be stored on the floor of Unit 2 building until equipment is again operational.

The polystyrene shredder and baler combo plant is used only for polystyrene shredding and baling. Polystyrene materials can be temporarily stored inside Unit 3 building until the equipment is again fully operational. Only small amounts of polystyrene are accepted at the facility and the shredder/baling plant is not in constant use at the facility.

Teleporters and various mobile plant for waste handling and moving will be replaced immediately by rentals or back-up plant should equipment failure occur.

In addition there is adequate space for waste materials storage inside Unit 2 building and also inside Unit 3 building should short term overflow space be required.

*Breakdown of Transfer/Transport System*

Should site teleporters malfunction then rentals can be used in the short term or a back-up of such plant. Goff Recycling Ltd have two ejector trailers of their own which are used frequently. Should these items of plant malfunction then an outside haulage company (fully permitted as appropriate) may be used for short term waste movements off-site.

*Industrial Action by Operational Staff*

In the event of industrial action by operational staff at the facility, waste will be diverted direct to landfill and will not be accepted into the facility when the means to transfer the waste is not available.

**Contingency 4**

The main fire risks associated with the operation of the facility are:

- Within haulage truck
- In the waste inspection area
- In the waste in the waste processing machinery
- Due to electrical fire within the waste processing machinery.

In the event of a localised fire on-site the fire will be controlled as per the Fire Requirements in the Fire Regulations. For a major fire on-site the local fire-fighting emergency service will be called to control the fire. The Waste Transfer Facility will remain closed after such an event until it has been deemed safe to resume operations again. Fire water used in fighting a fire will be contained inside the buildings which will be controlled by localized bunding measures and ensured by staff training.

**(q) Describe the proposed measures for the closure, restoration, remediation or aftercare of the facility concerned, after the cessation of the activity in question,**

This site will not require remediation. The concrete yard and flooring system will inhibit the entrance of contaminants into the underlying soil and groundwater. Interceptor units and drainage gullies will collect pollutants before they can reach land drains in the area.

At present it is the intention of the Goff Recycling Ltd to operate this facility for the foreseeable future. Should part of the activity cease to operate a review of the licence with the EPA to reflect the change will be arranged. Decommissioned equipment will be removed be removed from the site to an appropriate disposal or recovery facility.

Should all activities cease to be at the Facility, Goff Recycling Ltd will enter into a review of the waste licence with the EPA in order to surrender the waste licence. The following actions will be carried out to ensure the site is free of contamination and of continuing emissions:

- All recovered soil as a result of site activities will be removed and deposited in permitted land reclamation activities.
- All recovered stone and rubble will be crushed and removed from the site and transferred to permitted land reclamation activities.
- All timber will be bulked into containers and transferred to permitted or licensed wood recyclers.
- All glass packaging stored in bays and skips on site will be removed to permitted or licensed glass recycling facilities.
- All scrap metal will be removed from the site to permitted metal recyclers.
- All baled cardboard, mixed paper and plastic will be loaded onto a 40 foot curtain side trailer and transferred to an authorised recycler.
- All quarantined materials i.e. batteries, fluorescent tubes, gas bottles, drummed liquids and tyres will be removed from the site by authorised companies for appropriate disposal/further treatment.
- All waste receptacles i.e. skips, wheeled bins, refuse collection vehicles, skip eaters and trailers will be examined for any remaining residual wastes which will be removed and placed into the 40 foot ejector trailers along with any remaining residual waste left on site. This will then be delivered to licensed landfills for disposal or Transfer Facilities for further processing.
- All Waste Handling and storage equipment and vehicles will be removed from the site either by selling them and / or dismantling them and recovering them by an approved metal recycler.
- No fuels are stored at the facility, therefore no fuel tanks and bunds will need to be decommissioned.
- The silt trap, interceptor and retention tank will be examined and cleaned out by approved contractors.



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- The gates to the facility will be locked and security measures implemented to prevent scavenging on site after it is decommissioned.

This decommissioning process will make the site a safe, usable Brownfield site appropriate for any commercial activity within the confines of the existing business park.

Any decommissioning procedures will be agreed with the EPA in advance should all or part of the activity cease to operate.

To financially underwrite the decommissioning of the activities on the site an appropriate bond will be set by Goff Recycling Ltd with an approved insurance company or banking facility. The details and value of the bond will be agreed with the EPA in advance of the waste licence being issued.

- (r) In the case of an application in respect of the landfilling of waste, give particulars of -**

No waste disposal will be occurring on site.

- (i) Such financial provision as is proposed to be made by the applicant, having regard to the provisions of Articles (7)(b) and (8)(a)(iv) of the Landfill Directive and section 53(1) of the Act, and**

No disposal of waste is to occur on site.

- (ii) Such charges as are proposed or made, having regard to the requirements of section 53A of the Act,**

No disposal of waste is to occur on site.

- (s) State whether the activity is for the purposes of an establishment to which the European Communities (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2000 (S.I. No. 476 of 2000) apply,**

No dangerous substances are to be collected, treated or stored for long periods on site. Some hazardous wastes may be found during normal operations as part of municipal waste loads being accepted, such wastes will be quarantined and licensed waste contractors will be brought in to take such wastes on regular bases. The European Communities (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2000 do not apply to such facilities.

- (t) **In the case of an activity which gives rise or could give rise to an emission into an aquifer containing the List I and II substances specified in the Annex to Council Directive 80/68/EEC of 17 December 1979, describe the existing or proposed arrangements necessary to give effect to Articles 3, 4, 5, 6, 7, 8, 9 and 10 of the aforementioned Council Directive,**

No list I or list II substances are to be accepted or treated on site.

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