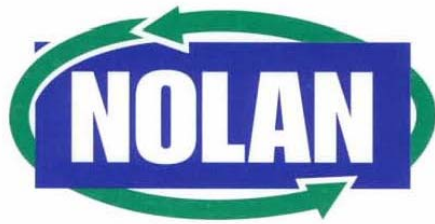
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Working Plan

PERMIT NUMBER EPR/BP3599SZ


(Previously EAWML 34205)

Disclaimer

Whilst every care is taken to ensure the accuracy of the information herein, no liability or responsibility of any kind can be accepted by Technia Environment and Planning for any errors, discrepancies or omissions. Drawings and descriptions in this report are not intended to represent detailed design unless otherwise stated.

Report Revision

Version	Date	Author	Checked / App'd	Revision
DRAFT	06/02/15	SW	EC/JN	FOR APPROVAL
5.0	15/10/15	SW	EC/JN	RELEASE VERSION

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CONTENTS

	PAGE
1 INTRODUCTION.....	1
2 GENERAL CONSIDERATIONS	4
2.1 Sensitive Receptors	4
2.2 Specified Operations	4
2.2.1 HCI Waste Transfer Station with Treatment.....	4
2.3 Operational Flowchart.....	19
2.4 Hours of Operation.....	20
2.5 Site Personnel.....	20
2.6 Staff Training	21
3 SITE ENGINEERING FOR POLLUTION PREVENTION AND CONTROL	22
Overview of	22
3.1 Site.....	22
3.2 Yard Areas	22
3.2.1 Design and Construction	22
3.2.2 Drainage Design	22
3.3 Waste Transfer Station Building.....	23
3.3.1 Design and Construction	23
3.3.2 Drainage Design	23
3.4 Office/Welfare Buildings	23
3.4.1 Design and Construction	23
3.5 Foul Drainage	23
3.6 Design and Construction of Fuel and Oil Storage Tanks	23
4 SITE INFRASTRUCTURE	24
4.1 Site Entrance	24
4.2 Site Accommodation	24
4.3 Plant and Equipment.....	24
4.4 Lighting	25
4.5 Site Security.....	25
4.6 Inspection and Maintenance Procedures for Site Infrastructure	25
4.7 Site Health and Safety	25


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---	---------------------	------

5	SITE OPERATIONS.....	26
5.1	Waste Acceptance and Control Systems and Procedures.....	26
5.1.1	Treatment of Waste	27
5.2	Waste Quantity Measurement System	27
5.3	Waste storage	28
5.3.1	Outside Storage:.....	28
5.3.2	Contingency	29
5.4	Waste Sampling and Testing	29
5.5	Dispatch	29
6	POLLUTION CONTROL, AMENITY MANAGEMENT, MONITORING AND REPORTING SYSTEMS.....	31
6.1	Site Emergency Plan	31
6.2	Accidents and Incidents.....	31
6.3	Environmental Risk Assessment.....	31
6.4	Control and Monitoring.....	31
6.4.1	Surface Water and Groundwater Pollution	31
6.4.2	Leaks and Spills.....	32
6.4.3	Fire Prevention and Control	32
6.4.4	Noise and Vibration.....	33
6.4.5	Odours.....	34
6.4.6	Dusts, Fibres and Particulates	34
6.4.7	Pests	35
6.4.8	Litter	36
6.4.9	Mud and Debris.....	36
6.4.10	Other Fugitive Emissions.....	36
6.5	Monitoring.....	37
6.6	Reporting	37
6.6.1	Periodic Reporting of Environmental Performance	37
6.7	Notifications	37
6.7.1	Interpretation.....	37
7	SITE RECORDS	38
7.1	Security and Availability of Records	38
APPENDIX A	SITE LAYOUT PLAN	40
APPENDIX B	DRAINAGE PLAN	42



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--	----------------------------	-------------

APPENDIX C	STORAGE PLAN	43
APPENDIX D	PROCESS FLOWCHART	45

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1 INTRODUCTION

This Working Plan has been prepared by Nolan Recycling Ltd as an integral part of the company's Environmental Management System for managing recycling activities at the facility known as The Transfer Station, The Old Quarry, Stormy Down, Pyle, Bridgend, CF33 4RS.

This document consider the operation of a waste transfer station with treatment and in compliance with the requirements of the bespoke Environmental Permit, EPR/BP3599SZ (Previously EAWML 34205, Waste Management Licence).

Operations undertaken at the site include the receipt of various types of source segregated and mixed wastes, their separation and segregation into various grades for recycling via the use of mechanical plant and/or manual sorting. The company offers source segregated collections in line with current legislation.

Waste operations are performed principally within designated areas inside and outside site buildings (see drawings in the appendices) as appropriate, where waste vehicles discharge and mechanical and manual handling separation of wastes occurs. Operations also take place on areas of hard standing/impermeable pavement. Treated wastes (and product where quality protocols are observed) are transferred to prepared receptacles/stockpile areas for temporary storage pending off site transfer.

Various processed materials are stored within separate areas and/or stockpiles depending upon their selected end use prior to being transferred off-site. Waste deemed and defined as products under Quality Protocols are also stored pending their use/off site transfer. Waste materials which are not recyclable on site are stored pending off site transfer to other waste management facilities for further processing/disposal.


Site plant is then used to transfer waste directly into a bulk articulated trailer and/or other forms of bulk transport for recovery or disposal at suitably licensed premises.

The currently permitted operations may be observed as:

- Manual screening/segregation, with the use of dedicated plant, to remove recyclable wastes with stockpiling pending further separation.
- The use of an excavator/transfer shovel to load previously deposited and manually segregated wastes into the hopper of a Trommel combined with automated mechanical equipment which further separates out wastes prior to manual sorting to obtain the preselected product types.
- The use of a dedicated baler to form bales of recyclate for off-site reprocessing/recycling and a compactor to compact residual waste into containers for transport to recovery or disposal.

This revision to the working plan supports the submission of a variation of the above bespoke environmental permit application to increase the scope of treatment activities carried out at the site as part of post-WTS treatment, namely:

- The physical treatment of sorted wood waste by chipping/shredding to produce woodchip for panelboard manufacture, animal bedding, mulches and biofuel
- The physical treatment of sorted inert and excavation waste by crushing and screening to produce aggregates. Wastes meeting the input requirements for the WRAP Aggregates Quality Protocol will be processed in accordance with the site's Factory Control System (FCS), which forms part of the EMS. Materials that achieve end-of-Waste through this process may be blended with improving agents (PAS100 compost, industrial fertilisers, waste materials such as off-specification composts ,digestates and manures or other compounds in agreement with NRW) to produce manufactured soils or soil substitute products to replace the use of virgin materials;

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- The physical treatment of sorted combustible material by baling to produce fuel for energy production;
- The physical treatment of process fines using automated mechanical sorting equipment to produce to separate out the aggregate fraction and/or to reduce the active fraction requiring disposal; and
- The use of waste handling equipment to move waste between these treatment processes and to/from storage areas within the site.

The Baling of Combustible Materials and the Separation of Process Fines will not be undertaken immediately at the site. These have been included in the permit variation to provide the Operator with the ability to undertake the activities at a future date without needing to wait for an application for a permit variation to prepared and determined.

At a future date an S2 exemption may be registered to enable the Operator to receive small volumes of specified hazardous materials (e.g. fridges containing CFCs, batteries, etc) for storage pending off-site transfer to licensed facilities for recovery. The decision to register this exemption will be driven by market demand and will be discussed with NRW prior to registration.


Reference is made throughout this document to those systems and in particular to a Corrective Action Response (CAR) Procedure which details how the company will deal with any deficiencies identified during a scheduled or unscheduled system audit/check or justified customer/resident/staff complaint.

Where critical activities are identified, the company will review the processes and procedures that are in place to meet, and preferably exceed, them. Where current measures are deemed insufficient, the company will identify additional controls such as the introduction of documented procedures and work instructions, further training programmes and infrastructure improvements.

The Working Plan is considered a 'live' document and as such has been presented in a way which can be easily amended by adding to, or removing superseded information. Each change to the plan shall be subject to NRW approval prior to insertion in the document. The plan presents the general engineering details of the site, along with proposed working arrangements, infrastructure, environmental controls, monitoring and site management procedures.

Various guidance documents and statutory instruments have been used to produce this Working Plan. These documents are listed as follows:


- Environmental Permitting (England and Wales) Regulations 2010
- Environmental Permitting (England and Wales) (Amendment) Regulations 2010
- Environmental Permitting (England and Wales) (Amendment) Regulations 2010 (No. 2)
- Environmental Permitting (England and Wales) (Amendment) Regulations 2011
- Environmental Permitting (England and Wales) (Amendment) (No 2) Regulations 2011
- Environmental Permitting (England and Wales) (Amendment) Regulations 2013
- Industrial Emissions (Integrated Pollution Prevention and Control) (Recast) 2010
- Environmental Permitting Guidance The IPPC Directive Part A(1) Installations and Part A(1) Mobile Plant, v3 March 2010
- Environment Protection Act 1990
- Environmental Permitting Guidance -Core Guidance for the Environmental Permitting (England and Wales) Regulations 2010 – March 2013

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- Getting The Basics Right – How to comply with your environmental permit June 2013
- Horizontal Guidance Note H1 Environmental Risk Assessments for Permits - Overview Document, v2.1 December 2011 and Annexes A to K.
- Horizontal Guidance Note H3 Part 2 - Noise Assessment and Control, v3 June 2004
- Horizontal Guidance Note H4 Odour Management, March 2011
- Horizontal Guidance - H6 Environmental Management Systems

Elements of this working plan also incorporate the following historic documents -

- Working Plan Guidance and Specification, Volume 1, 19 February 2000
- Waste Management Licenses Edition 2, August 1999 and the paragraph numbers follow those contained in the above documents together with headings contained in “Getting the Basics Right”.

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2 GENERAL CONSIDERATIONS

2.1 Sensitive Receptors

The nearest residential housing is situated approximately 0.26km southeast of the site.

Other sensitive receptors within 2 km of the site include Stormy Down SSSI (noted for rocks and their mixture of marine and terrestrial fossils), Penycastell, Cefn Cribwr SSSI contiguous with Cefn Cribwr Grasslands SAC, Waun-Fawr, Cefn Cribwr SSSI, contiguous with Cefn Cribwr Grasslands SAC. 3 SINC sites are also located within 1km of the site.

The Environment Agency's web site indicates that the site lies on a principal aquifer (bedrock).

2.2 Specified Operations

The site operations are designed for the purposes of recycling all or the main content of the waste delivered/imported into the facility.

The facility has been developed as a waste transfer station for waste arising from household, commercial and industrial sources imported by licensed waste carriers, including our own vehicles.

The site is located southeast of the village of Pyle at The Old Quarry, Stormy Down where a range of operational and disused quarries, agricultural land and forestry, restored landfill and waste facilities are located. Pockets of industrial and commercial business border the existing and disused quarries.

For the purposes of the permit, the specified waste operations are classified within the following sections.

2.2.1 HCI Waste Transfer Station with Treatment

The waste transfer station will accept non-hazardous wastes.

Incoming waste shall be stored in containers on hardstanding or on an impermeable surface with sealed drainage. All treatment shall be undertaken on an impermeable surface with sealed drainage.

Following inspection and acceptance (5.1) the waste will be subject to treatment operations to remove recyclable wastes. Activities to be limited to those described in Table 1 below.

Separated wastes will be stockpiled pending further treatment. Segregated recyclates will be stored baled, loose in stockpiles or in containers on hardstanding or impermeable surface with sealed drainage depending on their characteristics.

Light combustible/residual fractions from the treatment process will be processed further (1.1.1.1) as RDF as fuel for energy production.


Segregated Process Fines ("Trommel fines") will be processed further (2.2.1.4) to produce aggregates and/or to reduce the active fraction requiring disposal.

Wood from the treatment process (2.2.1.1) will be shredded to produce chip for panelboard manufacture, animal bedding, mulches and biofuel.

Inert and excavation waste from the treatment process will be treated further (2.2.1.2) to produce aggregates, soil and soil substitute products to replace the use of virgin materials.

There must be no treatment of hazardous wastes.

The annual quantity of waste accepted per year shall not exceed 75,000 tonnes.

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HCI Waste Transfer Station with Treatment	
Description of Activities	Limits of Activities
<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to 13</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4 Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting only of mechanical and manual sorting, separation and segregation, screening, baling, shredding, repackaging, crushing or compaction of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p> <p>No more than a total of 50 tonnes of intact vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored at the site.</p>

Table 1 Waste management operations to be undertaken


The waste categories to be imported into the facility are contained in the European Waste Catalogue and are listed below:

NOTE: Any waste whose six digit code is marked with an asterisk (*) is a hazardous waste.


Exclusions: Wastes having any of the following characteristics shall not be accepted; <ul style="list-style-type: none"> • Wastes consisting solely or mainly of dusts, powders or loose fibres; • Hazardous wastes; • Wastes that are in a form which is either sludge or liquid 	
1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 07

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01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
2	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 03	materials unsuitable for consumption or processing
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 04	materials unsuitable for consumption or processing
3	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing

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03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
4	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	Wastes from the leather and fur industry
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
6	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 09	wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes
06 09 02	phosphorous slag
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	calcium-based reaction wastes from titanium dioxide production
7	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
9	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	sands from fluidised beds
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 14	filter cakes from gas treatment other than those mentioned in 10 02 13

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10 02 15	other filter cakes
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 05	filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 18	filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 14	waste binders other than those mentioned in 10 09 13

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10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 05	filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10.12 09
10 12 12	wastes from glazing other than those mentioned in 10.12.11
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 07	filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 10	filter cakes other than those mentioned in 11 01 09
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 03	wastes from the production of anodes for aqueous electrolytical processes

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11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	wastes from hot galvanising processes
11 05 01	hard zinc
11 05 02	zinc ash
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport [including off-road machinery] and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13,14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 03	off-specification batches and unused products
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 06	batteries and accumulators
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
15 01	packaging (including separately collected municipal packaging waste)

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16 11	waste linings and refractories
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	Wood
17 02 02	Glass
17 02 03	Plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	Aluminium
17 04 03	Lead
17 04 04	Zinc
17 04 05	iron and steel
17 04 06	Tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	gypsum-based construction material
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)

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18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	Glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	Textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other waste (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	Glass
20 01 08	biodegradable kitchen and canteen waste

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20 01 10	Clothes
20 01 11	Textiles
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 01 40	Metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

Table 2. Permitted waste types for HCI WTS

2.2.1.1 Physical Treatment of Wood Waste


Shredding, magnetic separation (of nail, screws, fittings, etc. for recycling), bulking up, screening to size of wood waste as part of post-WTS treatment to produce chip for panelboard manufacture, animal bedding (where it can be demonstrated that Grade A untreated wood only is used), mulches and biofuel.

No hazardous waste is to be treated.

Treatment and Storage (Grades A/B/C wood) – hardstand or impermeable surface with sealed drainage.

The annual quantity of waste treated per year shall not exceed 25,000 tonnes.

Treatment of Wood Waste	
Description of Activities	Limits of Activities
<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10</p>	<p>Treatment consisting only of mechanical and manual sorting, separation, cutting, pulverising, screening, shredding and chipping of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p>

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to D12	
R3: Recycling/reclamation of organic substances which are not used as solvents	

Table 3 Waste management operations to be undertaken

The waste categories to be imported into the facility are contained in the European Waste Catalogue and are listed below:

NOTE: Any waste whose six digit code is marked with an asterisk (*) is a hazardous waste.

Exclusions: Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> hazardous wastes wastes consisting solely or mainly of dusts or powders wastes which are odour producing or likely to be odorous 	
2	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	plant-tissue waste (wood and bark only)
02 01 07	wastes from forestry (wood and bark only)
3	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 03	wooden packaging
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	Wood
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 (wood only)
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE

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19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 07	wood other than that mentioned in 19 12 06
19 12 12	other waste (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 38	wood other than that mentioned in 20 01 37
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste (wood and bark only)

Table 4. Permitted waste types for Wood Waste Treatment

2.2.1.2 Physical Treatment of Inert and Excavation Waste

Crush/screen/blend inert and excavation waste as part of post-WTS treatment to produce aggregates, soil and soil substitute products to replace the use of virgin materials.

Wastes meeting the input requirements for the WRAP Aggregates Quality Protocol may be processed in accordance with the site's Factory Control System (FCS), which forms part of the EMS. The FCS should be followed to ensure waste is correctly processed and tested to ensure End-of-Waste is achieved. Materials not meeting the requirements of the WRAP Aggregates Quality Protocol and processed in accordance with the FCS must continue to be subject to waste controls and duty of care requirements.

No hazardous waste is to be treated.

All storage and treatment of waste will take place on hard standing or impermeable surface with sealed drainage.

The annual quantity of waste treated per year shall not exceed 25,000 tonnes.

Treatment of Inert and Excavation Waste	
Description of Activities	Limits of Activities
R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R3: Recycling/reclamation of organic substances which are not used as solvents R5: Recycling/reclamation of other inorganic materials	Treatment consisting only of mechanical and manual sorting, separation and segregation, screening and crushing of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.

Table 5 Waste management operations to be undertaken

The waste categories to be imported into the facility are contained in the European Waste Catalogue and are listed below:

NOTE: Any waste whose six digit code is marked with an asterisk (*) is a hazardous waste.




Exclusions:

Wastes having any of the following characteristics shall not be accepted in;

- **Wastes in liquid form;**
- **Wastes consisting solely or mainly of dusts (except sawdust), powders or loose fibres**

1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
2	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry (soil and stones only)
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 (soils and stones only)
17 02	wood, glass and plastic
17 02 02	Glass
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes

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19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	minerals (for example sand, stones)
19 12 12	other waste (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (soils and stones only)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones

*Wastes highlighted in red are improvers for manufactured soils and will be received via the WTS

Table 6. Permitted waste types for Inert and Excavation Waste Treatment

2.2.1.3 Physical Treatment of Combustible Material


Baling of residual combustible material for fuel for energy production as part of post-WTS treatment.

Waste will be stored (prior to treatment) and treated on an impermeable surface with sealed drainage. Treated wrapped or baled combustible material is permitted to be stored outside on impermeable surface with sealed drainage.

No hazardous waste is to be treated.

The annual quantity of waste treated per year shall not exceed 25,000 tonnes.

Treatment of Combustible Materials	
Description of Activities	Limits of Activities
<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means</p>	Treatment consisting only of baling, of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.

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of any of the operations numbered D1 to D8 and D10 to D12 R3: Recycling/reclamation of organic substances which are not used as solvents R5: Recycling/reclamation of other inorganic materials	
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Table 7 Waste management operations to be undertaken

The waste categories to be imported into the facility are contained in the European Waste Catalogue and are listed below:

NOTE: Any waste whose six digit code is marked with an asterisk (*) is a hazardous waste.

Exclusions: Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • hazardous wastes • wastes consisting solely or mainly of dusts or powders • wastes which are odour producing or likely to be odorous 	
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other waste (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

Table 8. Permitted waste types for Combustible Waste Treatment

2.2.1.4 Physical Treatment of Process Fines


Process Fines Separation as part of post-WTS treatment to produce aggregates and/or to reduce the active fraction requiring disposal.

All treatment of waste will take place on an impermeable surface with sealed drainage. Storage of inert wastes will take place on hard standing or impermeable surface with sealed drainage. Storage of non-hazardous wastes will take place on an impermeable surface with sealed drainage.

No hazardous waste is to be accepted for storage or treatment as part of the process fines separation activity.

The annual quantity of waste treated per year shall not exceed 5,000 tonnes.

Inert fines may be treated further within the inert and excavation waste treatment activity (2.2.1.2) depending on their suitability.

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Treatment of Process Fines	
Description of Activities	Limits of Activities
<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12</p> <p>R4 Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting only of mechanical and manual sorting, separation and segregation, screening, washing and crushing of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p>

Table 9 Waste management operations to be undertaken

The waste categories to be imported into the facility are contained in the European Waste Catalogue and are listed below:


NOTE: Any waste whose six digit code is marked with an asterisk (*) is a hazardous waste.

Exclusions: Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> hazardous wastes Wastes in sludge or liquid form 	
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	other waste (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (soils and stones only)

Table 10. Permitted waste types for the Treatment of Process Fines

2.3 Operational Flowchart

The block diagram presented as APPENDIX D provides a summary of processes and materials flows to be undertaken at the facility.

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2.4 Hours of Operation

There are restrictions on the site's planning consent regarding hours of operation. No machinery shall be operated, no process shall be carried out and no deliveries taken at or dispatched from the site outside of the following times:

Monday – Friday	Saturday	Sunday	Bank/Public Holidays
07:00 – 18:00	07:00 – 12:00	Closed	Closed

Table 11. Hours of operation

Where the site may need to be operated on Sundays, Bank & Public holidays then permission will be sought prior to operating as the agreed and/or weekend hours. Any emergency working arrangements will be agreed with NRW as they occur.

Screening, crushing and shredding will be restricted to the following hours to ensure the amenity of nearby sensitive receptors is not unacceptably impacted by site operations:

Monday – Friday	Saturday	Sunday	Bank/Public Holidays
08:00 – 18:00	08:00 – 12:00	No Processing	No Processing

2.5 Site Personnel


Technically competent staff will supervise the site and ensure that it is operated in accordance with the environmental permit, this working plan and current legislation.

The site Manager will ensure that sufficient competent staff are present on-site to manage and operate the sites activities without causing pollution. Staff will be competent in the activities they are expected to carry out. Staff will be expected to not only be competent in normal situations, but also be adequately trained so that they are competent in abnormal situations such as plant failures or accidents.

The COTC holder is Emma Cull who holds a WAMITAB level 4TMH operations in accordance with relevant guidance. Other CoTC holders will be recruited as necessary to maintain compliance with permit attendance criteria. The times that the CoTC holders spends at the facility during operating hours will be recorded in the Site Diary.

Staff roles and responsibilities will be clearly defined and names will be placed against each role and responsibility (e.g. technically competent person). Documentation stating who is in charge of ensuring compliance with each part of the permit and other relevant legislation and guidance will be kept and updated at least every 6 months, or if staff change roles or leave the organisation.

Any person with duties that are controlled by the permit will have convenient access to a copy of it, kept at or near the place where they work. This includes not only staff but any contractors that may be working on the site as well. The copy may be in paper form or electronically available. Staff and contractors will be made aware of the permit, what is contained in it, what their obligations are under it and where and how to access it during their initial site induction.

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2.6 Staff Training


New employees will be given full induction training by site managerial staff or other appropriately qualified persons and records will be kept of all staff training in relation to operation of the site, site specific emergency procedures and the content and requirements of the Environmental Permit and Working Plan.

According to their various roles and responsibilities, individuals will be instructed in the following necessary procedures regarding the environmental aspects of the site operations:

- Receiving and inspecting loaded waste vehicles.
- Duty of Care requirements and record keeping.
- Unloading and scrutinising tipped loads.
- Dealing with any unauthorised wastes.
- Waste segregation and bulking-up of the separated substances.
- Use of any mechanical plant at the site.
- Storage and inspection of wastes.
- Dispatch of recovered materials and discards.
- Hazardous waste controls.
- General housekeeping including: cleanliness of the site and its environs, equipment maintenance, inspection and maintenance of any drainage systems.

All CoTC holders will undertake training as required to demonstrate Continuing Competence.

A copy of this Working Plan and Environmental Permit will be made available at the facility for all staff to read and, as a minimum; they will be informed of the importance of these documents and of the key areas of concern. They will also be fully briefed on the role of NRW in enforcing compliance

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3 SITE ENGINEERING FOR POLLUTION PREVENTION AND CONTROL

In general waste management activities at the site relate to the receipt, storage, segregation and recovery of a wide range of local household, industrial and commercial wastes.

3.1 Overview of Site

The site comprises a number of buildings and a large open yard area nominally divided into areas for the different waste activities.

Waste treatment and storage activities are undertaken on surfaces as follows:

Description of Activities	Surface
HCI Waste Transfer Station with Treatment	<p>Storage of Incoming Waste – in containers on hardstanding or on impermeable surface with sealed drainage.</p> <p>Treatment – impermeable surface with sealed drainage.</p> <p>Storage of Segregated Wastes - baled, loose in stockpiles or in containers on hardstanding or impermeable surface with sealed drainage depending on its characteristics.</p>
Further Treatment of Wood Waste	Treatment and Storage (Grade A/B/C wood) – hardstand or impermeable surface with sealed drainage.
Further Treatment of Inert and Excavation Waste	Treatment and Storage - Hardstand or Impermeable surface with sealed drainage
Further Treatment of Combustible Material	Treatment and storage – impermeable surface with sealed drainage.
Further Treatment of Process Fines	<p>Treatment - Impermeable surface with sealed drainage</p> <p>Storage - Impermeable surface with sealed drainage or Hardstand</p>

3.2 Yard Areas


3.2.1 Design and Construction

The yard areas are surfaced in concrete >150mm thick or hard standing constructed from clean hardcore or crushed stone laid to a minimum depth of 200mm.

3.2.2 Drainage Design

In general the concrete pad areas of the site around the buildings are graded to channel surface run-off towards drains located at the centre of the slab. From here it flows into silt settlement and storage tanks before being transferred to a sealed sump. In places the concrete slabs are kerbed to ensure containment of surface runoff.

The concreted area at the entrance of the site is graded to channel surface run-off to a combination of soakaways and land drains. In places the concrete slabs are kerbed to ensure containment of surface runoff.

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The hardstand areas of the site are graded to channel surface run-off away from storage area located peripherally around the site. Surface water is predominantly removed by infiltration.

A drainage plan is presented in APPENDIX C.

On a monthly basis, from experience, and more often during other periods such as adverse weather conditions site operatives will inspect the storage tanks/interceptor and arrange removal of residual materials and cleaning of the traps. This will be recorded and monitored within the site diary record form.

3.3 Waste Transfer Station Building

3.3.1 Design and Construction

The existing Waste Transfer Station building comprises a steel portal frame construction covered in trapezoidal formed steel cladding.

The existing floor comprises an impermeable reinforced concrete surface >150mm thick.

The floor will be inspected annually by a Chartered Civil Engineer who will report whether or not the impermeable surface is in a good condition and suitable for the purpose described in the Working Plan.

3.3.2 Drainage Design

A fall towards the centre of the slab channels liquid by gravity to a drain from where it is piped to a sealed sump external to the building.

Roof water from the Waste Transfer Station building is directed through gutters and downpipes to soakaway.

3.4 Office/Welfare Buildings

3.4.1 Design and Construction

Self-contained welfare and toilet facilities (both Portakabin type and permanent) are present onsite.


3.5 Foul Drainage

Foul water from each of the Portakabin and permanent welfare facilities is collected/stored in separate cesspits pending off-site transfer.

3.6 Design and Construction of Fuel and Oil Storage Tanks

The following fuel and oil storage is present on-site:

- Red diesel is stored in a locked, bunded tank situated adjacent to the articulated vehicle loading bay. (1800 litres max)
- Workshop red diesel is stored at high level on the mezzanine in the workshop. (2500 litres max)
- Workshop oil is stored at high level on the mezzanine in the workshop. (1000 litres max)
- White diesel is stored in a locked, bunded tank situated adjacent to the car park. (7000 litres max)
- Oils and lubricants are stored in a bunded storage rack under the mezzanine in the workshop.

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4 SITE INFRASTRUCTURE

4.1 Site Entrance

An identification sign shall be erected and maintained in a prominent position at the site entrance. The sign shall be approximately 1m by 1m and display the following information.

- Site name and address
- Name of site operator
- Name of EP holder
- EP number
- Emergency contact telephone number
- Statement that the site is licensed by NRW
- NRW contact details
- Operational site hours

4.2 Site Accommodation

The site is/will be equipped with the following facilities:

- Site office facilities
- Welfare/Mess facilities

The site office will be positioned at the main entrance next to the weighbridge, and will be equipped with a telephone line, suitable for emergency calls. The office will provide suitable space to permit secure short-term record keeping. All records specifically relating to recycling operations shall be retained on-site. The site office will keep a copy of the Environmental Permit (EP) and the most up-to-date approved copy of the Environmental Management System (EMS). All site staff shall be made aware of the EP and EMS, and will be required to be aware of the documents' contents.


Appropriate welfare facilities will be provided at site and maintained by site staff. Car parking will be provided for staff members and site visitors in the vicinity of the site office. This area will be maintained to minimise surface water ponding and to direct surface water to the sites' drainage system.

With the exception of large recycling plant and vehicles, all site equipment and machinery will be securely stored within the transfer station building.

4.3 Plant and Equipment

The following plant and equipment is located within the site:

- Materials recovery equipment incorporating screens, blowers and picking lines
- Crushing and screening equipment
- Shredding and chipping equipment
- Mobile lifting and waste handling equipment – excavators, front loading shovels, telehandlers and forklift trucks, etc.
- A range of waste collection vehicles
- Storage areas

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- Fuel oil storage tanks
- Weighbridge

4.4 Lighting

Security lighting and lighting to ensure H&S requirements are met in low-light conditions shall be available.

4.5 Site Security

The whole permitted site is within an enclosed site occupied by Nolan Recycling Ltd.

Access to the site is via a pair of 2.0 m high steel palisade fence type gates with a 2.0m high palisade security fence enclosing the site boundary on three sides. The fourth side is bounded by the disused quarry.

The security gates and site boundary are inspected daily as part of the site inspection schedule. The gates are locked at all times when the site is unattended.

During the period which the site has been operational, the security boundary has been proven to be fit for purpose.

CCTV is used to monitor key areas for security and Health and Safety purposes.

In the event of unauthorised intrusion, the circumstances and any subsequent action taken will be entered in the Site Diary.

4.6 Inspection and Maintenance Procedures for Site Infrastructure

The yard, building, office/welfare buildings, fence and entrance gates/doors are inspected daily and the outcome of those inspections are recorded on the daily inspection checklist as shown in EMS Form A and if necessary as a CAR (Form K). The CAR will identify the root cause of the problem and allocate a person and timeframe to ensure that the corrective action is carried out. Any defect encountered during inspection will be repaired as soon as is reasonably practicable within the working day as a temporary measure and permanent repairs will be completed within 7 working days.


The existing concrete slabs will be cleared of all wastes in a phased sequence to ensure that all areas are progressively exposed for inspection at a frequency no less than once per month. The cleared areas will be swept clean or scraped to remove any adhering solids and to ensure the absence of breeding insects or vermin. The exposed areas will then be inspected thoroughly to ensure continuing impervious integrity and any defects repaired to a standard no less than that when new. The inspections, findings and any repairs undertaken will be entered in the Site Diary.

The dates of all such inspections, the findings and any repairs and cleaning undertaken will be entered in the Site Diary.

A maintenance schedule identifying items of plant, location of maintenance instructions and responsibilities will be kept and maintained.

4.7 Site Health and Safety

Nolan Recycling's Health and Safety Policy, employee handbook and training programmes provide significant information relating to on-site Health and Safety duties.

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5 SITE OPERATIONS

5.1 Waste Acceptance and Control Systems and Procedures

Site operations ensure compliance with the Environmental Permit at all times.

All waste, as allowed under the terms of the site's Environmental Permit and the conditions of the planning consent, enters the facility via the secure main access gates as shown on the site layout plan in Appendix A.

The acceptance criteria for incoming waste is that it must be within the list of permitted materials listed in section 2.1 and be free of significant contamination.

All waste carrying vehicles entering the facility are directed to the site weighbridge and the driver is required to attend at the site office (at weighbridge) where all waste transfer notes are inspected and the information is recorded.

A schedule of permitted wastes is clearly displayed at the weighbridge office for ease of reference by the designated weighbridge officer who is trained and proficient in the role undertaken. In addition further support, if needed, is provided by our on-site CoTC holder.

Each load is inspected to ensure it complies with waste acceptance criteria. At this stage the load is also checked for odour in line with the Odour Management Procedure.

All responsible staff undertake waste awareness training to ensure they are proficient in identifying waste types and in recording the necessary information under the duty of care provisions and other requirements as described in the Environmental Permit.

In the event of any delay in the examination of the waste consignment documentation or doubt in respect of the consignment, the vehicle is directed to a holding area until the proficient person is satisfied that the documents are in order and the waste conforms with the terms of site permit.

When materials are acceptable, Nolan Recycling take responsibility for the duty of care of the waste, and the driver is issued with a conveyance note confirming receipt of the waste.

The driver will then be directed to the most appropriate discharge point based upon:


- The mix of recyclates,
- The potential for recovery,
- Wastes to be transferred to the plant for mechanical separation/handling/processing.

At the discharge point a member of staff will instruct the driver when and precisely where to discharge the load.

When material is tipped it is inspected as a further check to ensure that it complies with the acceptance criteria and also checked for odour in line with the Odour Management Procedure.

Non-conforming waste materials, found in the waste mass i.e. those not matching description and quantity, will be segregated and stored within a secure quarantine area, in containers or cages of appropriate size and type, clearly indicating the waste therein and located upon an impermeable surface with sealed sump (see plan/drawing in appendices).

- Food waste will be isolated and removed from the incoming feedstock area stockpile and placed in a sealed container within the quarantine area.

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- In the event of waste gas cylinders being found in a delivery, these will be moved to a free venting cage or container for safe storage pending removal through one of the specialist collection schemes.
- Should waste be found to contain loose fibrous asbestos it will not be processed further by any of the site personnel but will be dealt with through an asbestos specialist. A record of such occurrences will be made in the Site Diary.
- Any batteries (lead acid or other) received at the facility will be stored securely within dedicated covered containers. These will be located on an impermeable surface. Hazardous waste consignment notes will be raised to support their removal from the site.
- Any waste oils produced during the operation of the facility or non-conforming waste liquids/sludges inadvertently received at the site will be stored in leak-proof containers. Such wastes will be removed for authorised disposal or recovery in accordance with the EMS.

Site management will be immediately informed whereupon a waste non-conformance/rejection record will be completed.

It is envisaged that seven days would be a sufficient period to arrange the best practical environmental option for the recovery or disposal or quarantined wastes.

NRW will be made aware of non-conforming materials pending further investigation and appropriate corrective/preventive action.

Non-conforming wastes will be recorded within the site diary and/or the site inspection form. These wastes will be isolated from permitted/acceptable materials and offsite disposal arranged as soon as practicable.

Remedial measures (via a CAR) will be taken in order to reduce the potential for recurrence via site records/documentation being passed to the waste producer/carrier/disposer as determined after investigation by site management.

This is dependent upon tracing the waste producer/carrier/disposer if not already established, any regulatory involvement and/or applying the Best Practicable Environmental Option for final waste disposal.

Arrangements for the offsite transfer/disposal of materials will be made as soon as arrangements can be finalised taking due account of their potential to cause environmental impact/nuisance e.g. odour etc.

Rejected wastes will be transferred off site in conjunction with the 'duty of care' requirements as appropriate.


All waste movements will conform with the requirements of the Environmental Permitting Regulations.

5.1.1 Treatment of Waste

For wastes destined for treatment refer to the EMS for procedural information regarding the waste acceptance, handling, sale/recovery/disposal procedure and details the flow of waste through initial contact, arrival at site, tipping, sorting and storage, sale/recovery/disposal and the control measures at each stage. These procedures should be followed at all times.

5.2 Waste Quantity Measurement System

All waste arriving or leaving the facility is required to pass over the site weighbridge for the purposes of recording the consignment weight.

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The weighbridge receives at least 1 annual calibration check in addition to the regular system checks as required under weights and measures legislation.

The information regarding weights passing over the weighbridge is retained at the weighbridge office for further reference.

CCTV footage is recorded at the Weighbridge.

5.3 Waste storage

Waste will be stored in designated areas of the facility.

Storage areas will include:

- The Incoming feedstock area
- Within the WTS during or prior to treatment
- The segregated material bays within the WTS adjacent to the picking line
- The baled material storage area to the west of the WTS
- Within the Wood Activity area
- Within the Inert and Excavation Activity Area
- The quarantine area

A storage plan for the facility is presented in APPENDIX C.

Baled material will be labelled using marker pen displaying the date of production. This will be controlled as part of the company Quality Management System.


Wastes deemed to be products in line with approved protocols will be separated and signposted as such and their location shown upon the site plan as appropriate.

The facility will have the following maximum tonnages and storage times:

Material	Tonnes	Storage Time
WTS Incoming Feedstock Area	500	7 Days
Baled Recyclates	1000	3 months
Baled Combustible Material (RDF)	250	40 days
Wood Waste	500	3 months
Green Waste	200	1 month
Inert Waste	10,000	3 years
Soils	10,000	3 years
Tyres	50	3 months
Process Fines	1,250	3 months

5.3.1 Outside Storage:

Wood and green waste stockpiles will not exceed 5m in height or exceed 1370m³ in volume or 235m² in area. In order for Fire Service to freely move around the area fire breaks of 6m will separate stockpiles from each other and adjacent buildings.

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Baled recyclates will not exceed 5m in height or exceed 450m³ in volume or 235m² in area. In order for Fire Service to freely move around the area fire breaks of 6m will separate stockpiles from each other and adjacent buildings.

Baled combustible materials will not exceed 5m in height or exceed 450m³ in volume or 235m² in area. In order for Fire Service to freely move around the area fire breaks of 6m will separate stockpiles from each other and adjacent buildings.

Loose recyclates will not exceed 5m in height or exceed 450m³ in volume or 235m² in area. In order for Fire Service to freely move around the area fire breaks of 6m will separate stockpiles from each other and adjacent buildings.

The site plan shown in APPENDIX A shows the designated storage areas within the site.

5.3.2 Contingency

Should the process controls fail at any point within the processing of wastes through any of the operational processes, acceptance of waste into the site will operate in this order:

- The site will not accept more waste that it can process effectively at any one time and not above the permitted tonnage per annum or storage capacities stated in Section 5.3.
- In the event that the site reaches its maximum capacity, the Site Manager will divert any further incoming waste from the site to neighbouring facilities that are able to process the same types of waste until such a time when the site can resume operations within its normal operating capacity.
- Receipt of feedstock materials shall not recommence until a full review of this Management Plan has been conducted and process controls amended as required.

5.4 Waste Sampling and Testing

It is not normally necessary for the Permit Holder to sample and analyse waste supplies since these are limited to materials of a relatively innocuous and predictable nature. Many of the company's suppliers are regular customers and their waste arisings are reasonably consistent. Where there is uncertainty over the content of deliveries or any suspicion of contamination (e.g. liquid residues in drums or suspected fibrous asbestos etc.) these will be quarantined and expert advice sought. This, as appropriate, will include the advice of NRW.

Should a waste supply be offered for which more detailed chemical information is required, then in order to avoid any environmental risk in the handling of such waste, specialist advice and testing to ensure compliance with the site's waste acceptance criteria (as appropriate) will be sought prior to its acceptance.


The occasions when any sampling is undertaken will be recorded in the Site Diary. Results of all such analyses will be maintained in the site office.

Aggregate products will be periodically tested in accordance with the WRAP Aggregates Protocol.

5.5 Dispatch


Wastes (as opposed to products that have ceased to be wastes) leaving the site for further treatment, disposal or recovery, are described, quantified and appropriately containerised in accordance with the Duty of Care. NB: regular deliveries of waste to the same outlet may be recorded by way of the 'season ticket' provisions. Such materials are transported by authorised waste carriers only and dispatched only to authorised outlets.

In the event of any hazardous wastes being removed from the site, these will be removed in accordance with the required consignment note procedures.

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All records of delivery and dispatch, including copies of the Duty of Care Transfer Notes and Hazardous Waste Consignment Notes will be maintained in the site office. These are available for inspection by authorised officers of NRW at any reasonable time. Quarterly 'waste returns' will be provided to NRW as required.

The Company's regular waste suppliers and outlet providers will be periodically visited and their control procedures assessed to safeguard the Permit Holders' Duty of Care responsibilities.

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6 POLLUTION CONTROL, AMENITY MANAGEMENT, MONITORING AND REPORTING SYSTEMS

6.1 Site Emergency Plan

The company has an Accident/Pollution Incident Management Plan which forms part of its Environmental Management System. This complies with the Natural Resource Wales' requirements for a Site Emergency Plan.

6.2 Accidents and Incidents

The Accident/Pollution Incident Plan and EMS Procedures detail the approaches that should be followed in the event of an accident or pollution incident.

6.3 Environmental Risk Assessment

An environmental risk assessment has been undertaken for the facility and has informed the measures implemented in the following sections. Key considerations for the facility are:

- Contamination of groundwater and surface water (spillage and fire) due to the facility's location on a primary aquifer.
- Noise due to the facility's proximity to residential receptors.

Due to the scale of the facility and nature of wastes received, and its distance from sensitive receptors the likelihood of impact from odour, dust, litter, pests, mud and fugitive emissions is assessed as lower risk than those identified above. These risks still require consideration and control and monitoring steps are also detailed below.

6.4 Control and Monitoring

6.4.1 Surface Water and Groundwater Pollution

All site containment and drainage systems will be inspected at least weekly, throughout the operational life of the site for cracks, defects and cleanliness, by appropriate site staff. The results of each site inspection shall be recorded on the daily/weekly site checklists. All maintenance and repair works will be carried out at the earliest opportunity and with due consideration given to the nature and scale of the issue. NRW shall be informed of all remedial works.


In the event that a storage tank is found to be leaking, arrangements will be made to have the contents transferred to an alternative container, pending completion of repairs. Any water contaminated with fuel and oil in the bunded area will be removed by an appropriately registered waste removal contractor.

In the event that combustible material (RDF) is found to be leaking, arrangements will be made to have the material transferred to an alternative container, pending determination of the appropriate action to deal with the waste. Any water contaminated with leachate within the storage area will drain to a sealed sump.

The outside storage area will be checked daily as part of the daily site inspection.

The following control measures will be implemented to minimise potential impacts on surface and groundwater:

- Company spillage procedure will be followed in the event of a spill (see 6.4.2 for details regarding the control and monitoring of Leaks and Spills).
- Leachate disposed of off-site to a suitably licensed treatment facility.
- Action taken to minimise leachate generation within the facility.

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- Regular maintenance of operational areas such as drainage channels will be carried out.
- Containers and bunds will be inspected and maintained.
- Written management systems for the identification and minimisation risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances.

6.4.2 Leaks and Spills

EMS Procedure 3 details the spillage procedure and should be followed in the event of a spill.

Spill equipment will be available and site staff are responsible for and trained in its use.

To minimise the risk of leaks and spills, the following operational procedures shall be implemented:

- All fuels and oils will be stored in double-lined bunded tanks.
- Delivery of fuels will be supervised by a responsible member of staff.

The quantity of fuel in storage will be checked, either using a sight glass or by dipping, prior to the fuel delivery being made. The maximum residual capacity of the tank will be determined prior to the commencement of re-filling, so as to prevent overfill.


- All hydraulic, lubricating and waste oils will be stored in a lockable container, complete with a suitable spillage containment tray, which will collect any leaks from the drums.
- All drums and similar containers stored within the facility will have their contents and capacity clearly marked.
- To prevent spillages, drum openings will be carried out on a spillage tray.
- Sand and absorbent granules are to be kept on site at all times for immediate use to soak up minor spillages.
- In the event of a major spill, immediate action will be taken to contain the spillage and prevent contamination of surface water run-off. Once contained, the spillage will be treated with absorbent and removed to a sealed container for disposal at a licensed facility. The stock of sand and granules shall be replenished as soon as possible.
- A supply of lime will be maintained to neutralise any spillage of battery acid.
- Records shall be recorded in the site diary and a CAR raised to show how the spillage occurred (if known), what the spillage was and the remedial actions taken.
- Operational staff will receive pollution prevention and spill response training.
- Any spillages will result in a CAR being raised to establish the root cause of the problem and if deemed necessary reviewed at quarterly business management meetings or sooner if there is a significant risk to the environment or operations of the business.

6.4.3 Fire Prevention and Control

In the event of a fire occurring on site, the procedures described within the Site Emergency Plan should be followed.

The site of the fire will be immediately evacuated of non-essential personnel and in the case of a minor incident, fire extinguishers or water spray will be applied.

In the event of a major or a potentially major fire occurring, the emergency services will be notified, the site cleared of all personnel and necessary co-operation offered to the senior emergency officer in

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attendance. In the event of firefighting which necessitates the application of quantities of water, a temporary boom will be provided by laying an adequate number of sandbags or similar items or equipment in order to contain any runoff. Following containment of such runoff, the liquid collected will be disposed of according to any contaminants that may be present e.g. suspended solids will be separated or if any other contaminants are present (e.g. fuel/oil from vehicles/plant) the liquids will be removed from the site by a suitably licensed carrier to a suitably licensed (permitted) disposal facility.

All incidents of fires will be reported to Natural Resources Wales as soon as reasonably practical (Tel 0800 807060).

The following measures will be taken with respect to fire prevention and control:

- No material of any kind shall be burned within the boundaries of the site.
- Smoking is only permitted in the designated area outside of the entrance to the facility.
- Suitable and adequate firefighting materials and equipment will be maintained and kept at appropriate locations on the site as advised by the local fire service.
- All site staff will be trained in the use of onsite firefighting equipment and all firefighting equipment will be replaced/refilled immediately after use. Scheduled maintenance, inspection and overhauling of all firefighting equipment will be carried out on an annual basis.
- In the event of a fire the site will be evacuated and all non-essential personnel, including all members of the general public/visitors. The appropriate emergency services will be called to attend to, or be informed of, any outbreak of fire.
- Neighbours will be advised of the fire occurring at the earliest possible opportunity.
- NRW will be informed of any fire arising on site as soon as is practicable and no later than the following day. Any incidents will be recorded in the site diary and a CAR raised as necessary, along with the details of any actions taken.

6.4.4 Noise and Vibration


Site noise is only likely to occur as a result of the movement of plant and vehicles on site or during use of recycling equipment. The noise generated by these activities is similar to other similar plant and vehicles in general use.

All vehicles and plant used at the facility will be of a roadworthy type and to the Construction and Use Transport Regulations in respect of engine noise and emissions and exhaust silencers. They will be well-maintained and serviced at regular intervals as recommended by the manufacturer.

An auditory inspection shall be carried out by the site manager at least twice per day. Noise levels which are considered higher than usual shall be investigated and recorded in the site diary. Activities will be reduced or stopped until operations are able to commence without elevated noise levels.

The following measures will be taken to minimise the risk of noise and vibration:

- Crushing, screening or shredding of waste will only take place during the hours shown in section 2.4;
- Haul roads will be kept in a reasonable condition such that potential noise from vehicles is minimised;
- All plant machinery will subject to regular inspection and maintenance;
- Installed noise reducing equipment (acoustic panels, silencers, etc) shall be used and maintained;

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- Equipment shall be switched off when not in use;
- Processing operations shall be arranged in such a way as to minimise noise production as far as possible;

6.4.5 Odours

The company shall maintain and implement an odour management plan. The implementation of this plan is used to minimise odours at the facility.

The predominant wind direction is from the west north west to west south west and as such, nearby receptors are not generally in line with prevailing winds, thereby reducing the likelihood of odour transport.

The following sources and activities have been identified as the main sources of odour:

- Transport and acceptance of waste material;
- Contamination of feedstock with odorous materials;
- Leachate which may have formed in the delivery vehicle; and
- Removal of leachate for off-site disposal.

The predominant odour risk on-site relates to the receipt of general waste which may contain food waste.

The following measures will be taken to minimise the risk of odour release:


- Rigorous site management practices;
- Waste inspected before tipping to identify potential contaminants;
- Putrescible waste isolated and removed quickly;
- Putrescible waste stored in covered containers to prevent the release of odour and removed as soon as possible from site;
- An odour inspection at the site boundary will be carried out by the site manager at least twice per day. Should odour be identified at the site boundary this will be recorded in the site inspection report. Measures to address the odour issues shall be taken immediately. These may include, the removal offsite of offending materials, activities being reduced or stopped until operations are able to commence without elevated odour levels or industrial deodoriser being applied.

In the event that odour-generating wastes are received the following action will be taken:

- The prevention of odorous waste being accepted in future loads by recording and noting the waste producer/carrier as per the 'duty of care' records,
- The rejection (and recording) of such wastes depending upon the severity of the odour in conjunction with any complaints and the perception from site management of a nuisance/problem,
- Offsite transfer as soon as practicable taking account of the 'duty of care' requirements, odour determination where practicable and acceptance arranged at an alternative waste management facility.

6.4.6 Dusts, Fibres and Particulates

This has the potential to cause a problem/nuisance via:

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- The processing operation through from loading to stockpiling;
- The on-site transfer of materials between the processing area and the stockpiling/storage areas;
- The loading of processed materials onto transport vehicles;
- Where appropriate the sweeping of roads where there have been deposits observed.

The following measures will be taken to minimise the risk of dust release:

- Waste shall be sheeted and secured during transport;
- Vehicles and tipping area shall be checked prior to transport;
- Vehicle speed shall be limited;
- Visual dust monitoring shall be undertaken at least twice per day (and records of such recorded within the site diary/inspection form) and generally on an ongoing basis by Site Operatives during processing;
- Dust suppression water bowser and road sweeper will be deployed in dry conditions. The decision to implement the bowser will be taken by a senior site manager or supervisor on site having regard to the conditions inside and outside the facility. A decision to implement the bowser will be recorded within the site diary/inspection form;
- Shift manager is responsible for checking wind strength and direction and recording this. Operations in the yard e.g. movement of product will be stopped in exceptional wind conditions.

Where airborne material is observed, this will be recorded via the site diary and corrective/preventive action taken. Action will include:

- The use of dust suppression comprising of a spray/mist systems, hose spray and/or a bowser within the processing area;
- Suspension of dust generating operations where dust suppression measures are not effective.

Records of such will be recorded within the site diary/inspection form and if necessary raised as a CAR.


6.4.7 Pests

Animal by-products and food waste will not be accepted at the facility. The permitted wastes may attract vermin and scavengers, notably to food waste within mixed waste stockpiles or quarantined from incoming waste. The most likely pest to be attracted by the waste are fly species, rodents and carnivores (foxes, etc).

The following measures will be taken to minimise the risk of pests:

- Waste inspected before tipping to identify potential contaminants;
- Quarantine non-conforming putrescible wastes and removal off-site within 72 hours;
- Visual monitoring for pests, vermin performed daily including inspections for evidence of droppings, damage to property/plant or ground disturbance e.g. burrow, nests and excessive infestation present;
- Good housekeeping and regular inspection of mess facilities.

In the event of a pest infestation being detected the following measures will be implemented:

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- Suitable treatment will be implemented either by employees or by suitable contractors, this may involve the application of insecticides or growth inhibitors, the setting of traps and poisons, or other measures as appropriate;
- Any waste identified as attracting scavengers shall be isolated and removed from site.

Details of any pest control activities will be recorded during the site inspection and if necessary raised as a CAR.

6.4.8 Litter

As the general site operations are principally contained within the waste transfer building/area the potential for windblown litter from site is minimal.

A daily record of litter inspection is logged on the Site Inspection Record (Form A) and during the working day, site supervisors will be alerted to incidents of litter on site.

Any evidence of litter will be attended to by hand clearance. The litter collected will be deposited in the relevant container, either for recycling or disposal.

The following measures will be taken to minimise the risk of litter:

- All wastes shall be sheeted and secured during transport;
- Effective collection and storage of bags following depackaging;
- Light fractions to be stored correctly;
- Site fencing to be maintained as an effective barrier to litter being blown offsite;

In the event of litter being detected during the daily inspection the following measures will be implemented:

- Any litter that is blown into adjoining parts of the site will be collected at no greater than daily intervals;
- Any litter that is blown outside of the site boundary will be collected no later than 1 hour after the end of the working day.

6.4.9 Mud and Debris

The site is largely laid to concrete or hardstand, with concrete, asphalt or stone access roads. This results in limited opportunity for mud generation.


Daily and ongoing inspections of site movements and the adjacent highway will ensure that any mud or debris caused by the site operations is cleansed manually as soon as the mud or debris is detected.

If during extensive adverse weather conditions, the surfaced areas are seen to be deteriorating in standard of cleanliness, mechanical sweeping supplemented by mechanical cleansing will be implemented.

6.4.10 Other Fugitive Emissions

Due to the nature of operations other fugitive emissions have been risk assessed and it determined that emissions are below threshold levels. The contribution to local Air Quality levels via onsite exhaust emissions is negligible when compared to emissions from nearby highways. The facility will however ensure that it is not a generator of significant additional emissions.

The following measures will be taken to control other fugitive emissions:

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- All plant machinery will subject to regular inspection and maintenance;
- Good fuel tank and transfer pipework design.
- Vehicles shall be compliant with relevant exhaust emissions standards;
- All plant machinery will subject to regular inspection and maintenance.

6.5 Monitoring

No formal monitoring is required under the existing Permit conditions.

6.6 Reporting

6.6.1 Periodic Reporting of Environmental Performance

A quarterly summary will be submitted to NRW in a form to comply with requirements.

A copy of the waste classification (EWC) will be held on site for reference.


6.7 Notifications

The following information will be submitted to NRW as soon as practicable after the event (in line with Permit conditions):

- Accident and/or fugitive emission;
- Breach of operating procedures e.g. permit;
- A pollution incident (e.g. within 24 hours);
- A change of TCM (7 days);
- A conviction and/or an appeal (14 days);
- Financial changes affecting the site operations with regard the conditions within the permit (14 days); and
- Activity commencement and/or changes (7 days).

6.7.1 Interpretation

As per the meanings described within the permit.

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7 SITE RECORDS

7.1 Security and Availability of Records

Most documents are securely stored electronically, with paper copies also available where required.

Access to the statutory documents and records are made available to any authorised NRW Officer.

Details of documentation and security arrangements are considered to be confidential but can be a matter of discussion with an authorised NRW Officer.

All wastes delivered to the facility will be weighed and a ticket shall be issued to the vehicle transporting the material, with a copy of the ticket filed at the site office.

NRW will be provided with a summary of types of quantities of wastes received at the site. These records will be relayed to NRW in an agreed format and at an agreed frequency. The site diary will be stored in the office which is locked outside of office hours. The diary will be used to record site activity and any unusual events. The diary will be made readily available for inspection by any NRW Officer at any reasonable time.

A record of site visitors will be kept including;

- Name (including signature) and company/organisation
- Car Registration
- Person to See
- Time of arrival and departure

The time (when necessary) and the date of the following events shall also be recorded in the site diary:

- Start and finish of any construction/engineering works within the site boundary;
- Start and finish of any management processes carried out on site;
- All maintenance;
- Breakdowns;
- Emergencies and environmental incidents and remedial actions taken;
- Problems with waste received and action taken;
- Evidence of all waste entering and leaving the site; where from, date, time, weight;
- Site inspections - who carried out the site inspection, date and time, why and the consequent actions carried out by the operator;
- Attendance of technically competent management on site and the date and time of departure of the technically competent manager;
- Despatch of records to NRW;
- Extreme weather conditions; and
- Complaints and actions taken.

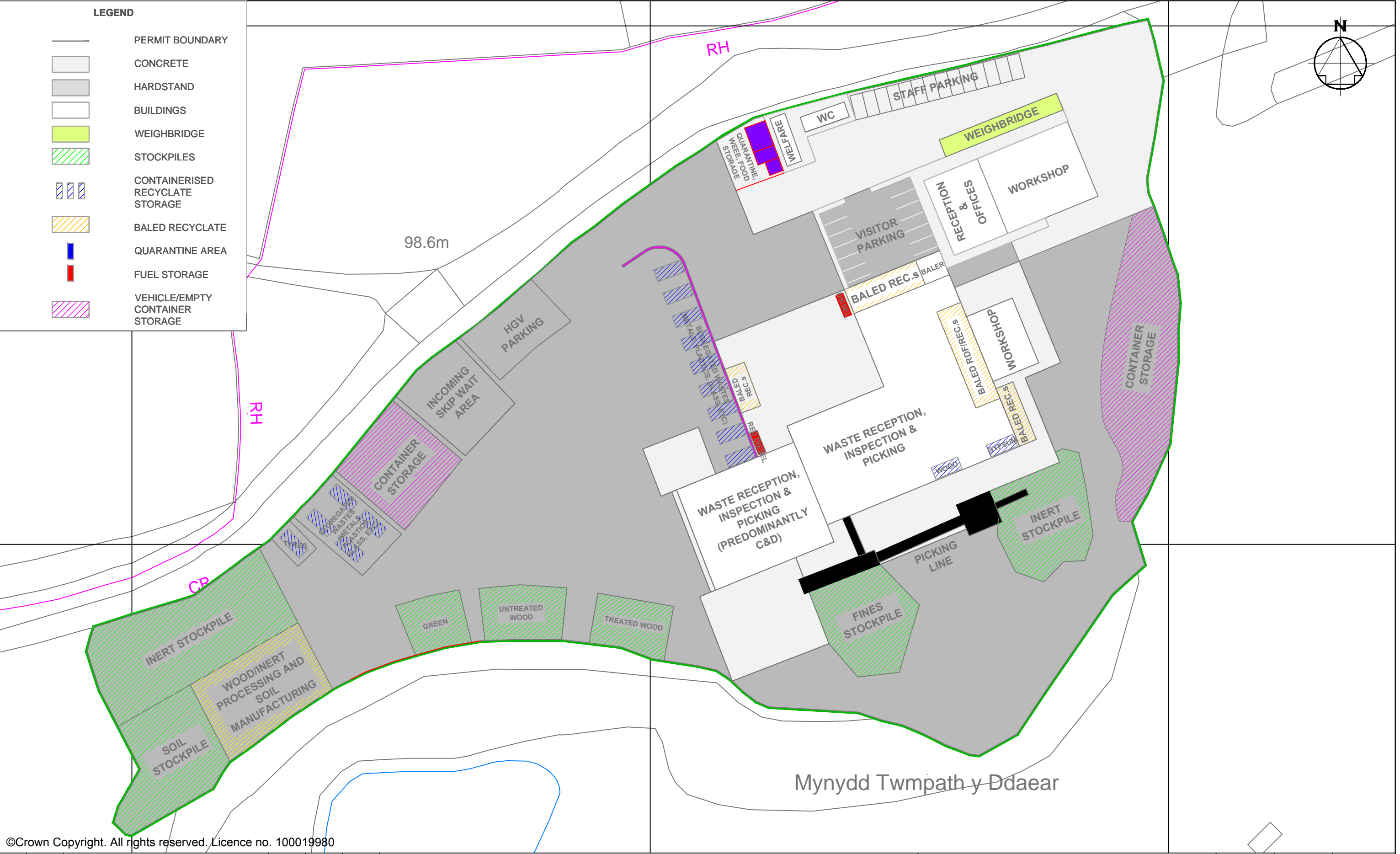
 <p>NOLAN RECYCLING LIMITED <small>Waste Transfer Station • The Old Quarry • Quarry Close • Bridgend • CF35 9HS Telephone: 01492 454422 • Fax: 01492 454423 e-mail: contact@nolanrecycling.co.uk • www.nolanrecycling.co.uk</small></p>	<p>WORKING PLAN</p>	<p>V5.0</p>
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APPENDICES

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APPENDIX A

SITE LAYOUT PLAN



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AMENDMENTS	REV REF	DETAILS	DATE	MADE BY	CHKD BY		TECHNIA ENVIRONMENT AND PLANNING SUITE 4, ST. MARGARET'S PARK PENGAM ROAD, ABERBARGOED, CF81 9FW TEL: 01443 821619 EMAIL: PLANNING@TEPL.EU	NOLAN RECYCLING LTD				Drawn	SW	Scale 1:1,001		
	A B C	REVISED LAYOUT – STORAGE AREA REVISED LAYOUT – STORAGE AREA REVISED LAYOUT – QUARANTINE AREA, CIRCULATION	17/12/14 27/05/15 07/07/15	SCW SCW SCW	JN JN JN							Ch'kd	JN			
								SITE PLAN				App'r'd	JN	@A3		
												Date	19/01/15			
								Job No.	NOL	Drg No.	10918 - 001 - C					

 <p>NOLAN RECYCLING LIMITED <small>Waste Transfer Station • The Old Quarry • Quarry Close • Bridgend • CF35 9HS Telephone: 01493 454422 • Fax: 01493 454422 e-mail: contact@nolanrecycling.co.uk • www.nolanrecycling.co.uk</small></p>	<p>WORKING PLAN</p>	<p>V5.0</p>
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APPENDIX B

DRAINAGE PLAN



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This drawing is not intended to represent detailed design

AMENDMENTS	REV REF	DETAILS	DATE	MADE BY	CHKD BY	 <div>TECHNIA ENVIRONMENT AND PLANNING SUITE 4, ST. MARGARET'S PARK PENGAM ROAD, ABERBARGOED, CF81 9FW TEL: 01443 821619 EMAIL: PLANNING@TEPL.EU</div>	NOLAN RECYCLING LTD				Drawn	SW	Scale
	A	REVISED LAYOUT - STORAGE AREA	17/12/14	SCW	JN						Ch'kd	JN	1:750
	B	REVISED LAYOUT - STORAGE AREA	27/05/15	SCW	JN		DRAINAGE PLAN				App'r'd	JN	@A3
	C	REVISED LAYOUT - QUARANTINE AREA, CIRCULATION	07/07/15	SCW	JN						Date	26/04/15	
								Job No.	NOL	Drg No.	10918 - 001 - D		

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APPENDIX C

STORAGE PLAN

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APPENDIX D

PROCESS FLOWCHART

Nolan Recycling
Proposed Process Flowchart

