

Coombefield Quarry

Environmental Permit Application

Operating Techniques

Portland Stone Limited

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Prepared on Behalf of Tetra Tech Environment Planning Transport Limited.
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801-13 – Restoration Landform

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1.0 INTRODUCTION

1.1 REPORT CONTEXT

- 1.1.1 This document has been prepared by Tetra Tech on behalf of the operator, Portland Stone Limited (PSL) to support an Environmental Permit Application for Coombefield Quarry (the site) at Southwell Road, Isle of Portland, Dorset, DT5 2EG.
- 1.1.2 PSL are seeking to gain a bespoke environmental permit to allow the operation of an inert landfill and a waste management facility that will include the following:-
- Inert waste recycling facility (including crushing and screening); and
 - Household, Commercial and Industrial (HCI) Waste Transfer Station (including waste electrical and electronic equipment (WEEE)) with treatment via manual sorting and separation (via a picking station), screening (with a vibrating screen separator), the shredding of specific non-hazardous waste streams to produce RDF and the baling of specific waste streams such as cardboard, plastics and RDF.
- 1.1.3 This document has been prepared to specifically detail the operating and management procedures for the proposed waste activities.

1.2 SITE SETTING

- 1.2.1 The site lies within the wider Coombefield Quarry site, which is located approximately 500m north east of Southwell, on the Isle of Portland in Dorset. The site is centred at approximate National Grid Reference (NGR) SY 69107 70631. The site location and environmental permit boundary is shown on Drawing Number PSL/B034779/PER/01.
- 1.2.2 Access to the site is achieved via an unnamed access road off Southwell Road which is located to the southwest of the site. The immediate surroundings of the site largely comprise disused quarry sites including Suckthumb Quarry to the northwest, Duncroft Quarry to the south east, Pennsylvania Quarry to the north east and Freshwater Quarry to the south. The nearest residential receptor to the site is located approximately 67m north on Weston Street.
- 1.2.3 Further details regarding the environmental setting of the site are provided in the Environmental Setting and

Site Design (ESSD) report that has been prepared to support this application. A copy of the ESSD is provided as Appendix D of the Environmental Permit Application.

2.0 OPERATING PROCEDURES

2.1 PERMITTED ACTIVITIES

- 2.1.1 As noted in Section 1.1.2, PSL are seeking to operate an inert landfill and a waste management facility that will comprise the following an inert waste recycling facility (including crushing and screening) and a HCl Waste Transfer Station (including WEEE).
- 2.1.2 The proposed activities will be similar to the waste operations that are currently undertaken at PSL's Broadcroft Quarry which is located approximately 960m north east of the site. The waste operations at Broadcroft Quarry are currently regulated under two environmental permits. The inert landfill is regulated under permit reference EPR/DB3704MN (EAWML 210009) and the waste transfer station and crushing and screening facility for inert waste is regulated under permit reference EPR/UP3393FL (EAWML 23670).
- 2.1.3 As shown on Drawings 801-05 and 2904:315/001, it is also proposed to erect a building so that the non-inert reception and transfer operations are contained. The new building will have a steel frame construction on an impermeable concrete base with roller doors. The walls and roof cladding will be constructed of galvanised sheeting. An enclosed picking station will sit above bays..
- 2.1.4 The 3m screen bund will be erected between the Waste Management Facility and Inert Landfill to control noise and reduce visibility from the properties which overlook the quarry to the north
- 2.1.5 Each activity is addressed in the sections below.

Inert Landfill

- 2.1.6 The inert landfill will comprise the importation of inert waste for infilling the quarry void that has been created from mineral extraction activities at the site.
- 2.1.7 The works would be undertaken in phases (as shown on Drawing Numbers 801-06 to 801-12) and the site would be restored in accordance with the restoration scheme (Drawing Numbers 801-13 and 801-14) that was approved by Dorset Council under planning permission (reference P/DCC/2021/04835).
- 2.1.8 It is considered that the proposed inert landfill would fall under the following Recovery and Disposal codes (R and D codes) shown in Table 1, provided for in Annex II to Directive 2008/98/EC of the European Parliament and The Council of 19th November 2008 Waste.

Table 1: Proposed R/D Codes for the Inert Landfill activity

R/D Code	Activity Description
D1	Deposit into or on to land (e.g., landfill, etc.)

Waste Management Facility

2.1.9 In addition to the inert landfill, PSL are also seeking to operate a waste management facility that will include:-

- Inert waste recycling facility (including crushing and screening). Suitable non-recyclable inert materials will be used as restoration materials in the landfill;
- HCI (including waste electrical and electronic equipment (WEEE)). These materials will be imported onto site in skips or tipper lorries, separated, stored within buildings and transported off site by HGV for further recycling or disposal;
- The HCI waste transfer station will also comprise of the treatment of non-hazardous waste via manual sorting and separation (via a picking station), screening (with a vibrating screen separator), the shredding of specific non-hazardous waste streams to produce RDF and the baling of specific waste streams such as cardboard, plastics and RDF; and
- Skip storage area.

2.1.10 Given that the proposed waste management facility will comprise a similar operation to what's undertaken at Broadcroft Quarry, it is considered that the proposed activities will fall under the R/D codes which are based on Table S1.1 of the environmental permit for Broadcroft Quarry EPR/UP3393FL (EAWML 23670).

Table 2: Proposed R/D Codes for Proposed Waste Management Facility

R/D Code	Activity Description
Inert Crushing and Screening Facility	
R3	recycling or reclamation of organic substances which are not used as solvents.
R5	Recycling/reclamation of other inorganic materials
R13	Storage of wastes pending any of the operations numbered R1 to R12
HCI Waste Transfer Station	
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)
R13	Storage of wastes pending any of the operations numbered R1 to R12
D14	Repackaging prior to submission to any of the operations numbered D1 to 13

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
R3	Recycling/reclamation of organic substances which are not used as solvents
R4	Recycling/reclamation of metals and metal compounds
R5	Recycling/reclamation of other inorganic materials

2.2 OPERATING HOURS

2.2.1 The operating hours for the site will be limited to the following hours, set out below, as approved in the planning application (reference P/DCC/2021/04835) to Dorset Council:

- Monday to Friday: 07:00 – 18:00; and
- Saturday: 07:00 – 13:00
- There would be no work on Sundays or Bank and National Holidays.

2.3 WASTE TYPES

2.3.1 Wastes accepted as part of the proposed landfill will be strictly inert as classified under the Landfill Directive (1999/31/EC) and Council Decision (2003/33/EC) of 19th December 2002 ‘establishing criteria and procedures for the acceptance of waste landfills’.

2.3.2 Inert waste is defined in Article 2 of the Landfill Directive 1999/31/EC as follows: -

‘Inert waste’ means waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm to human health. The total leachability and pollutant content and the ecotoxicity of its leachate are insignificant and do not endanger the quality of any surface water and/or groundwater.

2.3.3 The site will have strict waste acceptance procedures in place to ensure that only inert wastes are accepted at the site. Details of these procedures are provided in Section 2.5.

2.3.4 In terms of the HCI waste transfer station and inert crushing and screening facility, PSL propose to accept the same waste codes that are currently permitted at Broadcroft Quarry. This includes the acceptance of WEEE as part of the HCI waste transfer station.

2.3.5 In terms of the proposed shredding process, PSL propose to process non-recyclable plastics (excluding PVC), paper and cardboard that may be identified from waste loads that are accepted as part of the HCI transfer station.

2.3.6 Details of the proposed waste codes for each activity are provided in Appendix A.

2.4 WASTE QUANTITIES

Inert Landfill

2.4.1 It is envisaged that a volume of 660,200m³ of inert material will be required in total to achieve the final restoration profiles. When using a bulk conversion factor of 1.5 tonnes/m³ this equates to approximately 990,300 tonnes.

2.4.2 The proposed annual throughput for the inert landfill is 60,000 tonnes per annum.

Waste Management Facility

2.4.3 It is proposed that the combined total throughput for the Inert Waste Recycling Facility and the HCI Waste Transfer Station will be 34,500 tonnes per annum. From this total, PSL propose to accept up to 1,000 tonnes of WEEE per annum.

2.4.4 In light of the above, the total annual throughput for the site will be 94,500 tonnes.

2.5 WASTE ACCEPTANCE PROCEDURES

Waste Acceptance for the Inert Landfill

2.5.1 In order to demonstrate the acceptability of waste at the landfill and inert waste recycling activity, PSL will implement waste acceptance procedures in accordance with Annex I of Council Decision 2003/33/EC which includes the following stages:-

- Basic Characterisation (Level 1);
- Compliance Testing (Level 2); and
- On-site Verification (Level 3).

Basic Characterisation (Level 1)

2.5.2 Before arrangements are made to deliver the waste to the site, basic characterisation will be undertaken by the waste producer to ensure that the waste is suitable for acceptance at the regulated facility. To do this, the waste producer will be required to provide the following information of their waste:-

- The Source And Origin Of The Waste
- Confirmation That The Waste Cannot Be Recycled Or Recovered
- The Standard Industry Classification (Sic) Code For The Process That Produced The Waste – Include A Description And The Characteristics Of Raw Materials And Products
- A Description Of The Waste Treatment – Or A Statement Explaining Why Treatment Is Not Needed
- Testing Data On The Composition Of The Waste And Its Leaching Behaviour, Where Relevant
- A Description Of The Appearance Of The Waste – Including Smell, Colour And Physical Form
- The European Waste Catalogue (EWC) Code
- Confirmation That The Waste Is Not A Banned Waste
- The Landfill Class At Which The Waste May Be Accepted – A Landfill For Hazardous, Non-Hazardous Or Inert Waste

2.5.3 The proposed inert waste streams for the landfill (Appendix A, Table A1) will be accepted at the site without testing provided that there is confirmation that they are single stream loads from known and reliable sources and that they are accompanied with the required information. The information above will be provided, together with confirmation that the wastes are single stream materials from known and reliable sources. Different wastes contained in the list will be accepted together provided they are from the same source. The inert wastes considered in Appendix A, Table A1 are considered to meet the inert waste criteria set out the Landfill Directive.

2.5.4 As previously mentioned, only inert wastes will be accepted at the site. For any wastes where there is uncertainty regarding their acceptance at the site, testing will be required.

2.5.5 Wastes which are required to be tested will be assessed by the waste producer in line with the Waste Acceptance Criteria (WAC) limits for inert waste as detailed in Table 3. In addition, the leaching limit values for organic parameters specified in Table 4 will be applied.

Table 3: Waste Acceptance Criteria Thresholds For Inert Wastes That Require Testing

Determinand	Symbol	L/S = 10l/kg Mg/kg dry substance
Arsenic	As	0.5
Barium	Ba	20
Cadmium	Cd	0.04
Total Chromium	Cr total	0.5
Copper	Cu	2
Mercury	Hg	0.01
Molybdenum	Mo	0.5
Nickel	Ni	0.4
Lead	Pb	0.5
Antimony	Sb	0.06
Selenium	Se	0.1
Zinc	Zn	4
Chloride	Cl-	800
Fluoride	F-	10
Sulphate(a)	SO ₄ ²⁻	1,000
Phenol index	PI	1
Dissolved Organic Carbon(b)	DO	500
Total Dissolved Solids	TDS	4,000

(a) The limit value for sulphate may be increased to 6,000 mg/kg, provided that the value of C0 (the first eluate of a percolation test at L/S = 0.1 l/kg) does not exceed 1,500 mg/l. It will be necessary to use a percolation test to determine the limit value at L/S = 0.1 l/kg under initial equilibrium conditions.

(b) If the waste does not meet this value for Dissolved Organic Carbon (DOC) at its own pH value, it may alternatively be tested at L/S = 10 l/kg and a pH between 7.5 and 8.0. The waste may be considered as complying with the acceptance criteria for DOC, if the result of this determination does not exceed 500 mg/kg.

(c) The value for Total Dissolved Solids can be used alternatively to the values for Sulphate and Chloride.

Table 4: Additional Waste Acceptance Criteria Thresholds (Organic Parameters)

Parameter	Value mg/kg
Total Organic Carbon (TOC)(a)	30,000
BTEX compounds (benzene, toluene, ethyl benzene & xylenes)	6
Polychlorinated biphenyls (PCBs) (7 congeners)	1
Mineral oil (C10 to C40)	500
PAHs (polycyclic aromatic hydrocarbons)	100

(a) In the case of soils, a higher limit value may be permitted provided a Dissolved Organic Carbon value of 500 mg/kg is achieved at L/S 10 l/kg at the pH of the soil or at a pH value of between 7.5 and 8.0.

2.5.6 If the information provided demonstrates that the waste is acceptable, arrangements will be made to deliver the waste to the site.

Compliance Testing (Level 2)

2.5.7 With reference to Annex I, Section 1.2 of Council Decision 2003/33/EC, wastes that are exempt from the testing requirements for basic characterisation are also exempt from compliance testing.

2.5.8 As mentioned in Section 2.3, PSL will only accept waste types listed in Appendix A, Table A1 which are considered to meet the inert waste criteria set out in the Landfill Directive and therefore do not require testing as part of the basic characterisation phase.

2.5.9 In light of the above, PSL does not propose to undertake any compliance testing as part of the proposed landfill at the site.

On Site Verification (Level 3)

2.5.10 Upon arrival all incoming waste loads will be subject to on-site verification checks. These checks will comprise similar checks that will be undertaken as part of the proposed Waste Management Facility. As such, please refer to Sections 2.5.24 to 2.5.35 for further details of the on site verification checks.

Waste Acceptance for the Waste Management Facility

Pre-acceptance Procedures

2.5.11 Before arrangements are made to deliver the waste to the site, the waste producer or holder will be required to provide sufficient information to demonstrate that the waste have been properly assessed and classified in accordance with Technical Guidance WM3 'Waste Classification - Guidance on the classification and assessment of waste'.

2.5.12 In terms of household waste, waste will be pre-accepted by the terms and conditions of the contract in place between PSL and the waste producer/holder. On occasion, if required, PSL will go to the site where a visual pre-acceptance check will be undertaken before the waste is removed from the producer's premises.

2.5.13 In terms of commercial and industrial waste streams, waste producer will be required to provide the following information of their waste: -

- Details of the waste producer/holder including their organization name, address and contact details.
- A description of the waste
- The waste classification code;
- Source of the waste;
- Information on the nature and variability of the waste production process

- Information about the history of the producer site if it may be relevant to the classification of the waste (for example soils and other construction and demolition arisings from a site contaminated by previous industrial uses)
- The waste's physical form
- The waste's composition (based on representative samples if necessary)
- A description of the waste's odour and whether it is likely to be odorous
- An estimate of the quantity you expect to receive in each load and in a year

2.5.14 PSL will not accept wastes onto the site unless the above information is established.

2.5.15 For mirror entry List of Waste (LoW) codes, if the information provided by the waste producer indicates that the waste has not been properly assessed, PSL will contact the waste producer and request for further information to verify the waste assessment. If the waste producer is unable to verify the assessment, PSL will assume that the waste is hazardous and therefore will not be accepted.

2.5.16 If the information provided demonstrates that the waste is acceptable, the Site Manager will assess the waste's suitability for storage and treatment at the site. If the waste is deemed suitable for storage and treatment, arrangements will be made to deliver the waste to the site.

2.5.17 All records relating to the pre-acceptance will be kept for cross-reference a verification at the waste acceptance stage. These records will be kept for a minimum of 3 years.

2.5.18 PSL will reassess the information required at pre-acceptance on an annual basis or if the following apply:-

- Waste changes
- Process giving rise to the waste changes
- Waste received does not to conform to the pre-acceptance information

Acceptance Procedures

2.5.19 Waste will only be accepted if there is sufficient capacity. The delivery of waste will always be planned in advance with the delivery date agreed by PSL and the waste producer/holder.

- 2.5.20 All vehicles delivering waste will be licensed waste carriers and each delivery must be accompanied by a complete Waste Transfer Note (for non-hazardous waste) or a Hazardous Waste Consignment Note (for hazardous waste) consistent with fulfilling the company's responsibilities under the Duty of Care Regulations.
- 2.5.21 All persons making deliveries of waste to the Waste Management Facility are to produce a certified copy of their companies Waste Carriage Authorisation Certificate on a quarterly basis to the Technically Competent Manager (TCM). The TCM is responsible for confirming that the Waste Carriage Authorisation Certificate is valid. If it is found that a certificate is not valid, the delivery of the waste shall be refused entry to the site.
- 2.5.22 All waste delivery vehicles will be directed to the weighbridge upon arrival where the load will be weighed. The weighbridge will be manned at all times during operational hours and clearly signed to direct all visitors to report to on arrival to site. Drivers will then report to the weighbridge office and provide documents detailing the source and description of the waste. These documents will be inspected by the ticket office clerk to ensure that the information corresponds with the information provided during the pre-acceptance stage and therefore complies with the conditions of the environmental permit.
- 2.5.23 PSL run a software called Weighsoft which is a paperless system, the ticket office clerk will complete this using the weighbridge module within the system where the WTN will be updated and either printed or stored electronically within Weighsoft.
- 2.5.24 If the driver is unable to produce a valid completed Controlled Waste Transfer Note or a Hazardous Waste Consignment Note (if applicable to the load), they are to be refused entry to the site.
- 2.5.25 The Ticket Office Clerk will also undertake visual inspection of the waste on the vehicle to ensure that the description of the waste on documentation provided by the driver matches the contents.
- 2.5.26 If the document checks show that the waste is acceptable, the driver will report back to the waste delivery vehicle and be directed to the designated waste tipping area within the recycling facility where they will instruct to wait at traffic lights until entry to tip is granted by the banksman. A thorough check of the tipped load will take place along with a waste breakdown to gain waste reports. At this stage images of the waste will be taken and added to the job, this ensures evidence for third party reporting as well as ensuring no incidental wastes are present. that's situated in the waste transfer station building (as shown on Drawing Number 801-05, Rev A). Staff will supervise the waste being discharged from the waste delivery vehicle and a further inspection will be undertaken.

2.5.27 If the Ticket Office Booking Clerk is not satisfied that the description of the waste matches the documentation or where he/she is in doubt over to whether or not the waste can be accepted in accordance with the site conditions the advice of the site manager/TCM is to be sought.

2.5.28 While the advice is being sought, the vehicle is to be moved to the loading area.

2.5.29 Under the above circumstances the waste is only to be booked onto the site and only to be deposited providing that the site manager/TCM is satisfied that it can be accepted. The site manager/TCM shall also make an entry into the site diary giving the reason(s) for their decision to accept or reject the waste. If the waste is rejected the actions defined in Section 2.6 must be followed.

2.5.30 If the documentation provided at the weighbridge office is incorrect or the visual inspections indicate that the waste does not match the written description provided during the acceptance or pre-acceptance stage, then the waste will be rejected in accordance with Section 2.6.

2.6 UNAUTHORISED AND REJECTED WASTES

2.6.1 In the event that a vehicle is refused entry or a waste load is rejected at the site, The Ticket Office Booking Clerk is to contact the site manager or TCM immediately and they are responsible for the following actions:

1. The driver is to be informed of the reasons for the refusal of the waste on the site e.g., the waste does not match the description on the Controlled Waste Transfer Note or the Hazardous Waste Consignment Note, the waste cannot be accepted under the conditions of the site's Environmental Permit etc.
2. The number plate, the make and colour of the vehicle and the time are to be recorded in the site diary.
3. If possible, the drivers name should also be obtained and recorded.
4. The Environment Agency should be informed immediately by telephone and the above information is to be passed to them.
5. In addition, the site manager is to inform the PSL Head Office of the actions taken above. The PSL Head Office will then send an email to the Environment Agency if required.
6. The site manager/TCM is to record the details in the Site Diary and sign the entry.

2.6.2 The above process must be rigorously enforced to ensure that PSL are fully discharging their Duty of Care Responsibilities while also helping to reduce the likelihood of illegal tipping taking place.

2.7 PROCESS DESCRIPTION (WASTE MANAGEMENT FACILITY)

- 2.7.1 The incoming materials will be imported in skips or by HGV or small builder lorries/vans and weighed and checked at the weighbridge. Purely inert materials will be unloaded in the 'crushing and screening area'. These materials will be bulked up until a sufficient quantity has amassed for a 'crusher run'. Here a mobile crusher and screen will be used to produce recycled aggregates building products which will be utilised in local construction projects. A loading shovel will be used to load the crusher and move the recycled aggregates. These products will be stored separately in the 'Recycled Products Area' (as shown on Drawing Number 801-05, Rev A).
- 2.7.2 Mixed waste types, including mixtures of inert and non-inert waste will be unloaded in the new transfer building. Once deposited in the designated tipping area, a grab excavator will be used to remove the oversize waste, the grab excavator will then place the pre picked material into a feed hopper where the waste will be processed via a vibrating screen separator, the waste will then travel along the conveyor belt to the picking station where the waste will be separated by hand into relevant bays. The different waste types will then be stored until enough material has been bulked-up to be transported off site for either recycling or disposal.
- 2.7.3 Any waste cardboard or plastics that are recovered from the picking station will be subject to further processing via baling which will take place in the transfer station building. Once baled, the waste bales will be stored in a designated area within the building.
- 2.7.4 As mentioned in Section 2.3.5, PSL propose to process specific waste streams that are listed in Appendix A.
- 2.7.5 A. This activity will only be undertaken on a campaign basis and will take place within the transfer station building within the pre-sorting area. Following treatment, the resultant material will be baled and then stored in the designated waste bale storage area.
- 2.7.6 As a requirement of the Environmental Permit, which will be required to operate the Waste Management Facility, all non-inert materials will be handled and stored on an impermeable concrete surface with a sealed drainage system.
- 2.7.7 The separated inert materials will be transported to the 'crushing and screening area' for processing into recycled aggregates.
- 2.7.8 Suitable inert materials, which cannot be recycled, will be deposited in the adjacent landfill.

- 2.7.9 An indicative layout of the Waste Transfer Station building is provided on Drawing Numbers 2904:315/001 and CQ/PSL/SLFP/01.

2.8 WASTE STORAGE

Landfill Activity

- 2.8.1 Any waste that is destined for the inert landfill will be directed to the current working face of the site, where it will be unloaded from the vehicle and used immediately as part of the infilling activities.

Inert Waste Recycling Facility (crushing and screening)

- 2.8.2 Purely inert waste materials that are accepted as part of the inert waste recycling facility will be stockpiled externally within the designated 'Crushing and Screening Area' prior to treatment (as shown on Drawing Number 801-05, Rev A). This area will provide a maximum storage capacity of 60 tonnes.
- 2.8.3 Following treatment, a loading shovel will be used to move the resultant material into the 'Recycled Products Area' and will be subjected to testing to determine whether the material satisfies the end of waste criteria. Any material that meets the criteria will be stockpiled in the 'Recycled Products Area' until such time as sufficient volume is acquired for it to be removed from site. Any material that fails the end of waste criteria will be moved to the 'Crushing and Screening Area' for reprocessing or deposited into the adjacent landfill if the waste meets the relevant waste acceptance criteria.
- 2.8.4 The height of all stockpiles associated with the inert waste recycling facility will not exceed 3m.

HCI Waste Transfer Station

- 2.8.5 Waste that is accepted as part of the HCI waste transfer station will either be stored within skips, containers or bays within the waste transfer station building or externally. All non-inert materials will be stored on an impermeable surface concrete surface with a sealed drainage system.
- 2.8.6 The HCI Waste Transfer Station will provide a maximum storage capacity of approximately 510m³.
- 2.8.7 Any waste that is stored in the external bays will be kept at least 1m from the top of the bay walls to minimise the risk of wind whipping.
- 2.8.8 Any inert materials that are separated from the HCI transfer station will be transferred to the 'Crushing and Screening Area' for processing into recycled aggregate.

3.0 REGULATED FACILITY INFRASTRUCTURE

3.1 SITE ACCESS

3.1.1 Access to the site will be achieved via an unnamed access road off Southwell Road which is located to the southwest of the site.

3.2 PLANT AND EQUIPMENT

3.2.1 Mobile plant will be used for the duration of the site's operation. Typical plant that will be used for the infilling of the site are summarised in Table 5 below.

Table 5: Mobile Plant and Equipment

Description	Make	Model
Excavator	Volvo	EW240 & EC220
Excavator with Grab attachment	Volvo	ECR145EL
Loading Shovel	Volvo	L90
Telehandler	Merlo	P 36.10
Electric Shredder	Terex	TDS 820E

3.2.2 As a function of the site's Environmental Management System (EMS), the performance of all plant and equipment will be reviewed in comparison to other models that may be available on the market. If there happens to be other models available that perform more efficiently than the site's existing plant and is financially feasible, PSL may decide to change their existing plant and equipment.

3.2.3 As such, the brand, make, model and specification of the mobile plant and equipment that will be used on site is expected to vary throughout the operational life of the facility.

3.2.4 Only personnel who are trained and licensed to operate equipment and carry out maintenance will do so.

3.2.5 In addition to the above, a weighbridge and wheel wash is installed on site and will be used by all vehicles that access the site. The location of the weighbridge and wheel wash are shown on Drawing Numbers 801-05, Rev A.

3.2.6 All plant and equipment will be maintained in accordance with a preventative maintenance programme which will be defined by the manufacturer's requirements. This will ensure that the integrity and operational

efficiency of all plant and equipment is maintained and therefore minimise the risk of mechanical failure which may result in increased dust emissions. This particular programme forms part of the site's EMS.

- 3.2.7 In addition, all plant and equipment will be visually inspected on a daily basis by the Site Manager (or a nominated deputy) prior to use. The purpose of this inspection is to identify any signs of defects that may affect the integrity and operational efficiency of the plant.
- 3.2.8 In the event that a defect is identified on any item of plant or equipment, the use of the plant/equipment will be suspended until the necessary remedial works have been undertaken.

3.3 SECURITY

- 3.3.1 All vehicles delivering waste to the site would be required to report to the site office. Upon request, they may have to provide evidence of Registration as Waste Carriers. All other visitors to the site must sign the Visitors Book before proceeding onto the site and sign out prior to leaving.
- 3.3.2 Notice boards will be located near the main gate with direction signs and notices for traffic and personnel on site. These signs and notices include safety information that is relevant to particular areas. Regular reviews of the site's signage will be carried out by the Site Manager and external consultants to ensure that these remain fit for purpose.
- 3.3.3 The emergency contact telephone numbers for the site will be located on the above fixed notice board adjacent to the site entrance. The Notice Board will provide details of the named Site Licence Holder, Licence numbers and the name of the Site Manager who is also a holder of an appropriate technical competence for the site.
- 3.3.4 The site would be secured from the public highway by substantial lockable gates at the site entrance and all reasonable precautions would be taken to prevent the unauthorised entry of the general public and the unauthorised depositing of wastes. In addition, the site will comprise a CCTV system which will be monitored by on site staff during working hours and the contractors outside working hours. In addition, an external security company will be contracted to visit the site on two occasions outside operating hours.

4.0 EMISSIONS CONTROL

4.1 POINT SOURCE EMISSIONS TO AIR

4.1.1 There would be no point source emissions to air as a result of this application.

4.2 POINT SOURCE EMISSIONS TO GROUNDWATER

4.2.1 There would be no point source emissions to air as a result of this application.

4.3 POINT SOURCE EMISSIONS TO SURFACE WATER AND SEWERS

4.3.1 There would be no point source emissions to air as a result of this application.

4.4 FUGITIVE EMISSIONS

Fugitive emissions have been identified as a potential environmental risk resulting from the proposal, as detailed in the Environmental Risk Assessment that accompanies this application as Appendix C.

5.0 ACCIDENT MANAGEMENT

- 5.0.1 All necessary measures would be taken to prevent the occurrence of accidents. The types of accidents and the potential environmental consequences associated with them have been identified in the Environmental Risk Assessment that accompanies this application (Appendix C of the Environmental Permit Application) and forms part of the site's EMS.

6.0 SITE MANAGEMENT

6.1 TECHNICAL COMPETENCE

- 6.1.1 The site would be supervised by an individual who possesses the required level of technical competence. A copy of the Certificate of Technical Competence (COTC) is provided as Appendix B.

6.2 MANAGEMENT SYSTEM

- 6.2.1 PSL have an EMS in place meets the requirements of the Environment Agency's 'Develop a management system: environmental permits' guidance. A summary of the EMS is provided in Appendix C.
- 6.2.2 All site operatives would be adequately trained in health, safety and environmental issues. Staff would only be permitted to undertake activities that they have been trained for. They would be made aware of the procedures they must follow in the event of an accident or incident and would be able to access any relevant documentation that they may require. All training, experience and qualifications of staff would be noted, and these records would be maintained and kept up to date.

7.0 MANAGEMENT OF DOCUMENTATION

7.1 RECORD KEEPING

7.1.1 PSL have an EMS with the procedures for the management of documentation.

Daily & Weekly Booking Records Relating to the Reception of Waste

7.1.2 The Ticket Office Booking Clerk will be responsible for the completion of the daily and weekly sheets relating to the volumes and where appropriate weights of waste that are accepted on site. The only other authorised persons allowed to complete these sheets will be the TCM and the Site Manager who will only take on that role in the absence of the Booking Clerk. As each load is accepted onto the site from third parties the daily booking sheet shall be completed with the following details:

- Where the waste originated from on a county basis
- The volume and weight of the waste received
- The Controlled Waste Transfer Note or the Hazardous Waste number and the EWC code and type of waste from the consignment note
- The driver's name is also to be recorded

7.1.3 While it is expected that the bulk of waste accepted on the site will be generated by the other activities of PSL i.e. through our own Skip hire business, it is extremely likely that some third parties waste will also arrive at the facility. The weekly record is to show the volumes delivered and accepted from each company are to be recorded separately showing the total volumes and weights of all wastes received. Live data can be exported via Weighsoft (as mentioned in Section 2.5.23) for all incoming loads.

7.1.4 The information recorded on Weighsoft shall be used by PSL for the completion of the Quarterly returns to the Environment Agency in a format determined by them. These returns shall show details of all wastes received at the waste facility.

Records of Wastes Received Including Controlled Waste Transfer Notes & Hazardous Waste Consignment Notes

7.1.5 At the end of each working week all Controlled Waste Transfer Notes and Hazardous Waste Consignment Notes that relate to waste outside of PSL own vehicles that has been accepted onto the site regardless of

its origin, will be transferred and stored at the Head Offices of PSL at Unit 26, Tradecroft Industrial Estate, Portland.

- 7.1.6 All Controlled Waste Transfer Notes shall be kept for a minimum of 2 years after the receipt of the waste. All Hazardous Waste Consignment Notes shall be kept for a minimum of 3 years after the receipt of the waste. These records shall be made available for inspection by the Environment Agency at any reasonable time.
- 7.1.7 The Daily and Weekly Records of the deposits of Waste at the Site shall be kept at the PSL Head Office for a minimum period of 3 years.
- 7.1.8 The Quarterly and Annual Returns to the Environment Agency shall also be kept at the PSL Head Office for a minimum period of 5 Years.
- 7.1.9 All the above records shall be made available for inspection by the Environment Agency at any reasonable time.

Recording of Accidents, Incidents and Complaints

- 7.1.10 A site diary would be kept in the site office, and this would be updated daily. The diary would be used to record any accidents, incidents or complaints. This would provide an ongoing record throughout the period of operation at the site, and this would enable any investigative or corrective action that may be required.
- 7.1.11 The Environmental Permit and other documents containing information regarding the operation of the site would be kept in a convenient location, allowing access for any person that may be working at or visiting the site.

7.2 MAINTENANCE OF RECORDS

7.2.1 The site diary would be maintained and updated to include the following:-

- The name of the technically competent person in attendance;
- Weather conditions; Details of all visitors, including their status and times of arrival and departure;
- Details of maintenance, modification, repair, replacement, delivery and return, and breakdown of any plant and machinery;
- Damage to vehicles, fences, gates, etc. and incidents of trespass; and

- Details of any complaints or environmental/health and safety incident.

8.0 INCIDENTS AND NON-CONFORMANCES

8.0.1 PSL have an EMS which includes the procedures for investigating and reporting any incidents and non-conformances at the site and for taking any corrective action.

8.0.2 The following types of incidents would require investigation:-

- Malfunction, breakdown or failure of plant and equipment;
- Deviation from site procedures and operating techniques;
- Near misses; and
- Complaints from external parties.

8.0.3 All staff would be trained to detect and report any such occurrences. Procedures would be taken to allow operations to resume, and preventative measures may be put in place to ensure that the incident does not reoccur.

DRAWINGS

PSL/B034779/PER/01- Environmental Permit Boundary

801-06 to 801-12 – Phasing Plans (7 Drawings)

801-13 – Restoration Landform

801-14 – Restoration Plan

801-05, Rev A – Waste Management Facility

CQ/PSL/SLFP/01 - Site Layout and Fire Plan

APPENDICES

APPENDIX A – PROPOSED WASTE TYPES

Table A1: Proposed Waste Types for Inert Landfill

EWC Code	Description
10	WASTES FROM THERMAL PROCESSES
10 11	Wastes from manufacture of glass and glass products
10 11 03	Waste glass-based fibrous materials
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 07	Glass packaging
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 02	Glass
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
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTEWATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	Glass
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)
20 01 02	Glass
20 02	Garden and park wastes (including cemetery waste)
20 02 02	Soil and stones

Table A2: Proposed Waste Types for Household, Commercial and Industrial Waste Transfer Station

Waste Code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	Wastes from mineral extraction
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
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
02	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 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 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 confectionary 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
03	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
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
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRY
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
06	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
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	Wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	Waste plastic
09	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
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
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
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 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
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
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 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
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 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
20 01 10	Clothes
20 01 11	Textiles
20 01 21*	Fluorescent tubes and other mercury-containing waste
20 01 23*	Discarded equipment containing chlorofluorocarbons
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33

20 01 35*	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
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 A3: Proposed Waste Types for Inert Crushing and Screening Facility

EWC Code	Description	Restriction
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS	
01 01	Wastes from mineral extraction	
01 01 02	Wastes from mineral non-metalliferous excavation	
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 13	Wastes from stone cutting and sawing other than those mentioned in 01 04 07	
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 11	Wastes from manufacture of glass and glass products	
10 11 03	Waste glass-based fibrous materials	
10 12	Wastes from manufacture of ceramic goods, bricks, tiles and construction products	
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)	
10 13	Wastes from manufacture of cement, lime and plaster and articles and products made from them	
10 13 14	Waste concrete	
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 07	Glass packaging	
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 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 ¹
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 09	Other construction and demolition wastes
17 09 04	17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 03	Stabilised/solidified wastes
19 03 05	Vitrified waste
19 03 07	Solidified wastes other than those mentioned in 19 03 06
19 08	Wastes from waste water treatment plants not otherwise specified
19 08 02	Waste from desanding
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	Glass
19 12 09	Minerals (for example sand, stones)
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 INSITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)
20 01 02	Glass
20 02	Garden and park wastes (including cemetery waste)
20 02 02	Soil and stones

Table A4: Proposed Waste Types for Non-Hazardous Shredding Activity

Waste Code	Description
02	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 04	Waste plastics (except packaging)
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	Wastes from pulp, paper and cardboard production and processing
03 03 08	Wastes from sorting of paper and cardboard destined for recycling
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	Wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	Waste plastic
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
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	Wood, glass and plastic
17 02 03	Plastic
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 01	Paper and cardboard
19 12 04	Plastic and rubber
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 38	Wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 02	Garden and park wastes (including cemetery waste)
20 02 03	Other non-biodegradable wastes
20 03	Other municipal wastes
20 03 01	Mixed municipal waste
20 03 07	Bulky waste

APPENDIX B – CERTIFICATES OF TECHNICAL COMPETENCE

APPENDIX C – INDICATIVE MANAGEMENT SYSTEM SUMMARY