

Browns Recycling Group Ltd.

Environmental Risk Assessment.

The proposed inert waste treatment facility is within the designated distance from of the designated site (SSSI) and thus the application is for a Bespoke Permit.

The waste to be accepted at the facility are listed in doc BG8 and are all classed as inert and therefore all no-hazardous in character.

Waste acceptance is strictly controlled at the site arrival point by examination of the documentation (Duty of Care) and also by visual examination at the arrival pont and at the waste deposit location.

Any non-conforming item/s in the consignment are removed and deposited in the set aside isolation container prior to be removed either back to the source or to a suitably permitted disposal facility.

The site is currently mainly consolidated by the many years of use as a colliery facility and more recently as a coal screening site. The areas to be used as an inert storage and / or treatment area which may appear to require further consolidation will be subject to application of "clean" post treated inert waste and further consolidated by application of suitable mechanical plant.

Precipitation on to the site pre permit is by controlled run-off into an existing pond and will continue to be controlled in that manner which has proved to be without any record of pollution over many years.

Other possible pollution sources are identified as dust, noise and Spilled Debris / Litter. These are subject to controls and are detailed in Dust Management Plan, Site Noise by Plant Maintenance and Debris/ Litter as detailed in the Spillage Plan.

The above matter are also identified and described briefly in the Risk Assessment Chart (doc BG 11) as part of a staff / operative training programme.

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Browns Recycling Group Ltd.

Resume of Environmental Management System.

The Environmental Management System will be presented on receipt of the site permit and prior to site operations commencing. The document will be in accordance with the Environmental Permitting Regulations and will comply with the terms of the Site Permit.

1. The ems document will include detailed operational plans which will identify the specific operational areas, their surfacing, buildings and enclosure, drainage, access point, weighbridge, security systems (CCTV).
2. Specific details of waste acceptance procedures including documentation checking (Duty of Care), consignment inspection, checking against schedule of permitted waste, quantity of waste as recorded at weighbridge and action to be implemented in cases of non-compliance. Following approved acceptance, the ems will detail the treatment of the inert waste, its location and stockpile arrangements.
3. Site inspection procedures including site security fencing and access gates, defective surfacing with details of repairs necessary, compliance with dust management system, drainage operation arrangements and recording any non-compliant matters in the site log / diary. Site inspection will also include monitoring of environmental controls e.g. noise, pest control, spillage and debris, dust management.
4. The ems will also include specific environmental controls and plans including Dust Management Plan, Spillage Plan and Site Emergency plans.
5. Records with relevant pre-printed forms are also important matters such as Complaints Procedures, Accident and Incident Record
6. Detailed training record documentation will be included in order to ensure that operatives are competent in their particular responsibilities as are records of employee induction training.
7. Emergency Procedures

In order that NRW Environment Officer/s are kept fully aware of matters that require attention in order to ensure full permit compliance, all defects noted will be subject to early formal notification

Ref BG5

Browns Recycling Group Ltd.

Former Morlais Colliery, Llangennech.

Site Conditioning Report.

The site on which the proposed inert waste crushing and screening permit application relates is that which was formerly that of Morlais Colliery which was first listed as a colliery in 1883 and was closed in 1981.

Latterly the site was used for the screening of coal.

The operations at the site was such that plant and equipment was used thus consolidating the surface layers which is identified in the borehole results undertaken by the applicant's consultant during 2016 and used as part of the approved planning consent (S/34071) issued by the Local Planning Authority on 24 August 2017.

Boreholes which were not interrupted by buried concrete slabs showed " Made ground to a depth of between 1.40m to 3.20m after which the strata was identified as orange brown sandy slightly gravelly CLAY".

The made up ground was noted as " Black silty sandy gravel" which was shown in site photographs included in the borehole report which confirmed the site latter use as coal screening operations.

There is no record of the site operations resulting in contamination of the ground resulting in any pollution reports.

Browns Group Ltd former Morlais Colliery

Part B2 – Question 6c – Non – Technical Summary.

The permit application is for a bespoke permit due to the proximity of the application site to a SSSI (Burry Inlet SSSI and Carmarthen Bay and Estuaries SAC) and involves the creation of an inert waste processing centre for which a planning Consent (S/34071) has been issued by the Local Planning Authority, Carmarthenshire County Council on 24 August 2017.

The waste imported to the site is limited to inert waste for which pre-delivery checks are carried out to ensure that the source is limited to that producing inert waste.

On arrival at the site, any non- inert items note are removed and stored in a secure location prior to removal to a suitably permitted location e.g. for treatment or disposal.

The inert waste will be transported to the holding area prior to use in the crushing and screening process which will provide aggregate construction or approved fill for industrial use this reducing the need for use of natural quarried material and support the policy of Waste Hierarchy as identified as an important contributor to the local and national recycling policies.

Any dust produced at the site will be monitored and controlled by application of fine water spray to the offending area.

Surface water run off from the permitted area will be channelled into an existing drainage pond which will control run off and intercept any silt suspended in the surface water run off.

This suspended silt will be cleared from the pond silt chamber periodically

The proposed surface water drainage arrangements will not interfere with those arrangements which have operated successfully for a number of years.

The permit application will also include evidence of the site manager holding an appropriate Certificate of Technical Competence issued by WAMITAB (Waste Industry Management Training Accreditation Board) which will ensure efficient site management which will accord with the terms of the Environmental Permit.



Certificate No. OCC64654

Operator Competence Certificate

Qualification Title:

Non Hazardous transfer/with or without treatment (not otherwise specified) (4MPTNH6)

This Certificate is awarded to

Stephen Robert Brown

Awarded: 17/03/2014

Authorised

WAMITAB Chief Executive Officer

CIWM Chief Executive Officer



**The Chartered Institution
of Wastes Management**

This certificate is jointly awarded by WAMITAB and the Chartered Institution of Wastes Management (CIWM) and provides evidence to meet the Operator Competence requirements of the Environmental Permitting (EP) Regulations, which came into force on 6 April 2008.



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Browns Recycling Group Ltd

Part B4 – 3a Technical Standards

Operating Techniques.

On the issue of the relevant Site Permit, the operator will have prepared an Environmental Management System (ems) which details the manner in which all the permit conditions are managed.

The application is for the crushing and screening of inert waste for use in the construction industry as construction fill or aggregate and as the operation is within a specified distance of a protected area (SSSI), it is subject to a Bespoke Permit.

The basis of the facility follows the guidance contained in the Natural Resources Wales document “ How to Comply with your Environmental Permit”.

General Management.

The site permit terms and conditions will be managed by a suitably qualified competent person who will record his / her attendance on site by entering the appropriate details in the site diary / site log. These details will be made available to the Regulatory Officer (NRW).

The Competence Person will ensure that the terms of the site permit are followed as detailed in the ems and as required by Statutory Requirements e.g. Health and Safety Legislation and Town and Country Planning Legislation as they apply to the particular site.

Emissions and Monitoring

As there are no point emissions arising from an operation, this heading is not included in the Technical Standards although a heading of Dust Management Plan is included in the site ems and a brief explanation is included in this document.

Dust.

The Dust Management Plan will detail the monitoring and treatment of dust created by movement of site vehicles / plant and dust generated by tipping of inert waste, crushing / screening or wind affected area on site storage areas.

Any dust generated will be treated by application of fine water spray and such application will be noted in the site diary / log.

Pests.

Regular site inspections will include pest nuisance checks even though the waste stored or treated on site is not of a character to encourage pest infestation. Any pest noted will be dealt with by arrangements made with competent pest control contractors.

Site Condition Report

A full site condition report is included as an appendix Ref BG5 to the form Part B4.

Any changes on site which are considered to amend the content of this Technical Standards document will be fully investigated and if found to be confirmed will be reported to the Regulatory Officer and subject to a full review.
