



Non-Technical Summary

Pengarnddu Industrial Estate Transfer Station **Hampshire Demolition and Recycling Limited**

Report No. CRM 0127.001 PE R 003 NTS



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Project:	Pengarnddu Industrial Estate Transfer Station
For:	Hampshire Demolition and Recycling Limited
Status:	FINAL
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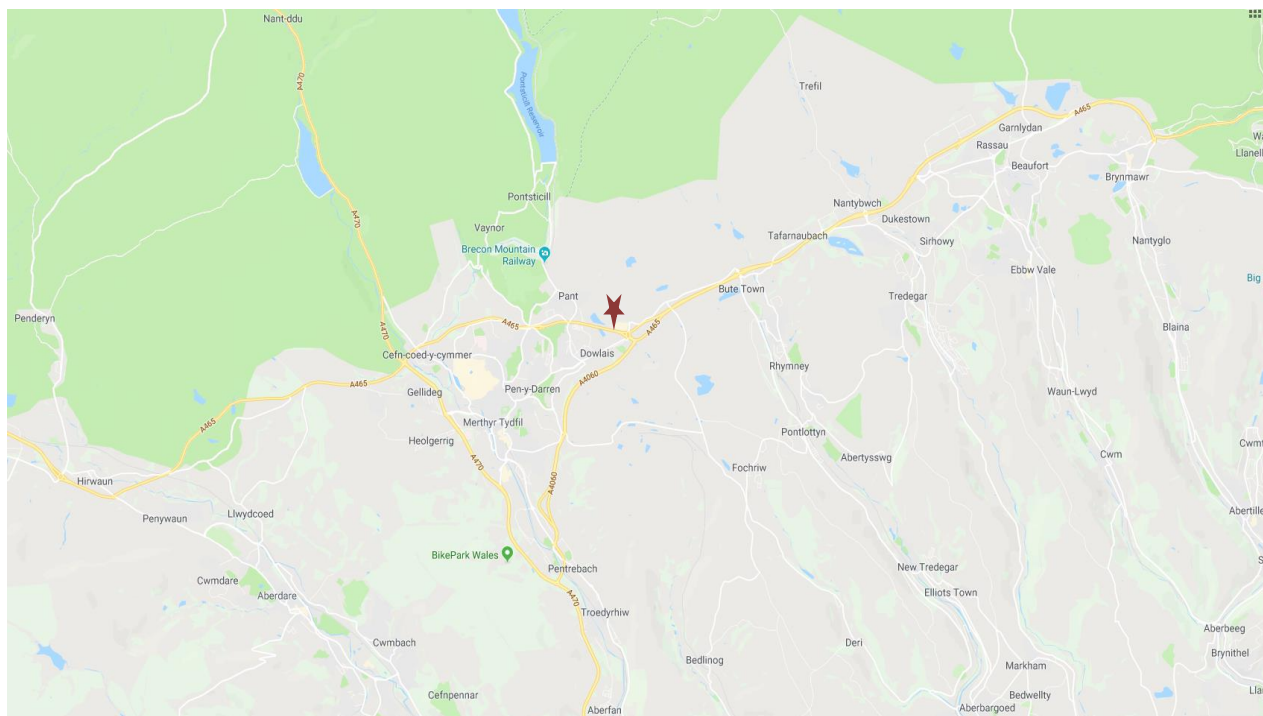
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1.0 Introduction

1.1 Introduction

- 1.1.1 This Non-Technical Summary related to an application to Natural Resources Wales (NRW) for an Environmental Permit to operate a waste transfer and treatment facility at Unit 2 Pengarnddu Industrial Estate, Pengarnddu, Merthyr Tydfil.
- 1.1.2 The Site Operator will be Hampshire Demolition and Recycling Limited (“the Operator”). Whose registered office address is: 62 Cygnet Court, Timothys Bridge Road, Stratford Upon Avon, Warwickshire, CV37 9NW. Company registration number is 08660913.
- 1.1.3 The Operator is applying to NRW for a Permit to operate a Waste Transfer and Treatment Facility at the Former Merthyr Industrial Services site at Pengarnddu, Merthyr Tydfil. This site was abandoned by its previous Operator, in December 2014 after court proceedings, leaving a large quantity of waste and plant and equipment in-situ.
- 1.1.4 The Operator is not proposing to import additional material to the site. Instead they will be treating the waste which is currently on the site and sending it off site for reuse, recycling or disposal.
- 1.1.5 Opus International Consultants were instructed by Merthyr Tydfil County Borough Council to assess the site and provided a report in February 2017 which details the contents of the various stockpiles of waste which remain on the site.
- 1.1.6 A remediation works specification and method statement has been produced by Hampshire Demolition and Recycling Limited and Merthyr Tydfil County Borough Council and this will be followed when treating and removing the waste from the site.
- 1.1.7 Figure 1.1 below shows the location of the Site. The Site is centred at NGR SO 07780 08940 and is located on approximately 2ha of land on the Pengarnddu Industrial Estate, located approximately 700m to the north of Dowlais Top on the opposite side of the A465, approximately 765m east of Pant and approximately 2.8kms to the west of Rhymney.

Figure 1.1: Site Location



1.2 Environmental Setting

1.2.1 The full address will be:

Pengarnddu Industrial Estate Transfer Station
Unit 2 Pengarnddu Industrial Estate
Pengarnddu
Merthyr Tydfil
Wales
CF48 2TA

1.2.2 The primary contact for the application is Steph Charnaud, Principal Consultant, Enzygo Limited
steph.charnaud@enzygo.com.

1.2.3 There is a series of unnamed drainage ditches running around the perimeter of the site.

1.2.4 The nearest residential receptor is approximately 300m to the west of the site on an unnamed road.

1.2.5 The Site is located above a minor aquifer with variable permeability.

1.3 Sensitive Receptors

1.3.1 The Key sensitive receptors that have the potential to be impacted by emissions from the site are summarised in Table 1.2.1 below. These receptors have been considered where appropriate within each risk assessment undertaken.

Table 1.3.1: Sensitive Receptors

Receptor	Type	Distance and Direction (m)
Unnamed drainage ditch	Ecological	0m north, south and west
Merthyr Reclamation	Business	0m south
Merthyr Salvage and Recycling	Business	15m east

Receptor	Type	Distance and Direction (m)
Reservoir (covered)	Ecological	16m west
Abba	Business	18m south
Reservoir (open)	Ecological	80m west
St Merryn	Business	105m east south east
New Tredegar Skip Hire	Business	150m south west
Residential houses	Residential	192m west
B&M Home Store	Business	243m south
Carpet Right	Business	277m south
Poundstretcher	Business	285m south
Houses on an unnamed road	Residential	300m south west
Trade Price Sofas	Business	339m south west
ASDA	Business	400m south
Comfort Zone Merthyr	Business	420m south
Electricity sub station	Utility	428m west
Lidl	Business	430m south east
Reclaimed Stone	Business	434m north west
Heads of the Valleys Salvage	Business	434m south east
CEMEX Merthyr Tydfil Concrete Plant	Business	437m south south east
Jepson's Pond	Ecological	444m north west
Valleys Filling Station	Business	607m south south east
Closest house at Dowlais Top	Residential	626m south
Closest house at Pant	Residential	714m west
Pantysgallog Primary School	Educational	1009m west
Trecatti Landfill Site	Business	1000m south south east
Blean Carno Farm	Residential/Business	1006m East south east
Nant Carno	Ecological	1012 East
Cwm Taf Fechan Woodlands (SSSI)	Ecological	2125m North West

1.4 Proposed Permitted Activities

1.4.1 Hampshire Demolition and Recycling Limited are applying to Natural Resources Wales for a Bespoke Environmental Permit to operate a Household, Commercial and Industrial Waste Transfer Station with Treatment and Hazardous Waste Storage. Waste Activities are listed in Table 1.4.1 below.

Table 1.4.1: Proposed Permitted Activities

Name of the Waste Operation	Description of the Waste operation	Annex I (D Codes) and Annex II (R Codes()) and Descriptions
Pengarnddu Industrial Estate	Treatment and transfer of waste:	Annex I Codes and descriptions
		D14: Repackaging prior to submission to any of the operations numbered D1 to D13.

Name of the Waste Operation	Description of the Waste operation	Annex I (D Codes) and Annex II (R Codes()) and Descriptions	
Transfer Station	Household, Commercial and Industrial	D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).	
		D9: Physico-chemical treatment of waste not listed elsewhere in this Part of this Schedule which results in the final compounds or mixtures with are discarded by means of any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule (for example evaporation, drying, calcination)	
		Annex II Codes and Descriptions	
		R2: Recycling or reclamation of organic substances which are not used as solvents.	
		R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	
		R4: Recycling/reclamation of metals and metal compounds.	
		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).	
		<u>Total Waste Storage Capacity</u>	All waste to be treated on site is already present. The estimated tonnage is approximately 17000 tonnes plus an unknown tonnage in the 'made ground' which consists of ~3000m³ of unknown waste
		<u>Non Hazardous Waste Treatment Capacity</u>	50 tonnes per day
		<u>Hazardous Waste Treatment Capacity</u>	<10 tonnes per day

1.5 Waste Types and Quantities

1.5.1 It is not proposed that any further wastes are accepted onto the site under this Permit Application.

1.5.2 A full list of waste codes has been agreed with NRW based on the wastes which are already at the site. This list appears in the Operational Techniques and Monitoring Plan which forms part of the Permit Application.

1.6 Process Description

1.6.1 Waste Transfer and Treatment operations shall be carried out on the site during the following operational hours:

- Monday to Saturday 07:30 – 18:30

- No handling operations shall take place on Sundays or Public Holidays.

1.6.2 The proposed Waste Transfer and Treatment Station shall comprise of the following elements:

- 12 remaining stockpiles of waste materials, (one stockpile has already been removed off site by MTCBC);
- Abandoned plant and equipment from the previous operator;
- Made ground which is considered to be an illegal deposit of waste;
- Trommel;
- Screener;
- Conveyor;
- Shredder;
- Crusher;
- Site Building;
- Interceptor;
- Fuel Storage

1.7 Non-Permitted Activities

1.7.1 The operator is not proposing to undertake any activities at the site other than those which will be included in the Environmental Permit.

1.8 Management and Control

1.8.1 The company is committed to ensuring that adequate resources are available to reduce any potential environmental impacts whilst also managing Health and Safety arrangements. An Environmental Management System will be in place.

1.9 Environmental Risk Assessment

1.9.1 An Environmental Risk Assessment has been undertaken to support this Permit Application. The Risk Assessment follows NRW's Guidance Documents.

1.9.2 The risk assessments have concluded that the proposed activities will not result in an unacceptable impact on nearby sensitive receptors. The Environmental Risk Assessment is provided within Chapter 5 to this Permit Application.

1.9.3 A Fire Prevention Plan is also provided in Chapter 8 which accompanies this Permit Application.

1.10 Operational Techniques and Monitoring Plan

1.10.1 Chapter 6 of this Permit Application provides details of the proposed operations and pollution prevention techniques to demonstrate compliance with relevant regulations and guidance.

1.11 Closure and Decommissioning

- 1.11.1 When activities cease on site and de-commissioning is required, a detailed Closure Plan will be submitted to Natural Resources Wales and other regulatory bodies as appropriate.



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