

Gwynedd Council

Ffridd Rasmus Civic Amenity Site and Closed Landfill

Variation and Consolidation of Environmental Permit



January 2018

Amec Foster Wheeler Environment
& Infrastructure UK Limited



Report for

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Senior Waste Manager
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Document revisions

No.	Details	Date
1	Draft report	14/12/17
2	Final Report	20/12/17
3	Revised Final Report	02/01/18



Executive summary

Purpose of this report

This report has been produced in support of a variation application to consolidate Environmental Permits EPR/PP3294FJ and EPR/BP3398EW at Ffridd Rasus Waste Management Facility, Gwynedd, Wales.



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1. Introduction

1.1 Background

Gwynedd Council (the Council) has appointed Amec Foster Wheeler Environment & Infrastructure (UK) Ltd (Amec Foster Wheeler) to prepare and submit a variation application to consolidate Environmental Permit (EP) reference EPR/PP3294FJ for the Civic Amenity (CA) Site and EPR/BP3398EW for the In Vessel Composting (IVC) Facility at the Ffridd Rasus Waste Management Facility. It is proposed to extend the permit boundary to incorporate the area previously covered by the Environmental Permit for the IVC Facility and to continue to use the IVC building for waste management operations under the permit conditions for the CA site.

The site location is shown on Figure 1.1 and the revised EP boundary is shown on Figure 1.4.

1.2 Purpose of this Report

In accordance with regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 (EPR) (as amended), where any changes to the operation impact on the conditions of the EP, the operator must apply to vary the EP by making an application to the Regulator (in this instance Natural Resources Wales (NRW)).

1.3 Types of Variation

Depending on the proposed change to an EP, it is necessary to apply for one of the following types of variation:

- ▶ an administrative only change (free of charge);
- ▶ a minor technical change;
- ▶ a normal variation;
- ▶ a substantial variation (applies to installations or mining waste facilities);
- ▶ conversion of a bespoke permit to become a standard permit.

Pre-application discussions with NRW has confirmed a 'normal variation' is required.

1.4 Pre-Application Discussions with Natural Resources Wales

Initial pre-application discussions were held with the NRW Environmental Compliance Officer for the Ffridd Rasus site, Rhys Thomas, in June 2017 on the possible permitting options for the wider Ffridd Rasus waste management facility. A copy of the possible permitting options discussed is attached at Appendix A.

A further email from Rhys Thomas was sent to the Council on 30 October 2017 confirming the application is a 'normal variation' is provided at Appendix A.

Following the submission of two applications (a surrender application and a variation application) to the Permitting Team at NRW on the 21 December 2017, it was advised that the surrender application was not required and the changes could be carried out as part of a variation application to consolidate the two permits and retain the waste codes from the IVC permit which are not included in the EP for the CA site. This application variation has been updated in light of this and a request to withdraw the surrender application has been made.

1.5 Charging Scheme

NRW has produced an Environmental Permitting Charging Scheme, effective from 1 April 2017, which covers the fees and charges for obtaining and maintaining permits made under the Environmental Permitting Regulations. The scheme is based on the Unified Charging Framework which has three tiers which are linked to the relative risks of an activity:

- ▶ Tier 1 - low risk facilities where the NRW only need to record basic details such as the nature of the activity being undertaken, the operator's name and location;
- ▶ Tier 2 - medium risk facilities, in most cases based on standard rules;
- ▶ Tier 3 - more complex and high risk facilities that require more detailed and individually tailored permits.

NRW has confirmed that the CA site and closed landfill (Area 2) at Ffridd Rasus Waste Management Facility comprises a Tier 3 waste facility and the subsistence charges have been calculated using the Operational risk appraisal (Opra) tool. For a normal variation the charge is currently £7 645.00.

1.6 Planning Permission

Planning permission was granted in 2013 by Snowdonia National Park Planning Authority (NP5/61/70K) for the following changes to the current permissions held for the whole site:

- ▶ To consolidate the existing permissions for the Household Waste Recycling Centre (HWRC) and the IVC facility currently at the Ffridd Rasus site into one planning permission;
- ▶ A request for a change in operation to the activities carried out in the reception hall of the pulveriser building to operate it as a waste transfer facility;
- ▶ A request to allow the bulking of food waste and garden waste at the IVC facility for onward transfer; and
- ▶ The use of the IVC maturation pad to accept street sweepings for bulking up and onward transfer and treatment off-site.

A copy is provided at Appendix B.

2. Environmental Permit Application Form

2.1 Overview

The following application forms have been completed and are provided in Appendix C:

- ▶ Form Part A - about you;
- ▶ Form Part C2 - Varying a bespoke permit: General;
- ▶ Form Part C4 - Varying a bespoke waste operation permit; and
- ▶ Form Part F- Opra, charges, declarations and so on.

2.2 Background to Requirement

The Ffridd Rasus Waste Management Facility is divided into three areas and a number of regulated facilities, as follows:

- ▶ Area 1 covers approximately 1.5 hectares (ha) and comprises the CA Site, the In Vessel Composting (IVC) facility, the weighbridge and site control office, the waste transfer station (WTS) and workshop. Area 1 has not been subject to waste disposal;
- ▶ Area 2 was used for the disposal of pulverised domestic, commercial and non-hazardous industrial waste from 1981 until 2007, when it was closed. Area 2 was developed as a land raise, covering an area of approximately 9.5 ha and was operated on the principle of “dilute and disperse”, with no engineered containment; and
- ▶ Area 3 covers some 8.7 ha and was operated as a non-hazardous waste landfill and is fully contained comprising four engineered cells. It moved into the aftercare phase in April 2016.

The site is currently operated in accordance with the requirements of the following EPs as set out in Table 2.1

Table 2.1 Ffridd Rasus Site Environmental Permits

Activity	Permit Reference Number	Type of Regulated Facility	National Grid Reference (Centre)	Area Reference
Non Hazardous Landfill Site	EPR/GP3330BY	Installation	SH 57644 33852	3
In-Vessel Composting (IVC) Facility	EPR/BP3398EW	Waste Operation	SH 57987 33859	1
Civic Amenity Site (CA) and Closed Landfill (Area 2)	EPR/PP3294FJ	Waste Operation	SH 57996 33954 (CA site) SH 57861 33751 (Area 2)	1 2
Waste Transfer Station	EPR/YB3897TF	Waste Operation	SH 57860 33885	1

2.3 Proposed Changes

The Council wishes to streamline the number of EPs at the Ffridd Rasus Waste Management Facility now that the site no longer carries out in vessel composting of kerbside collected organic waste. Therefore, an application to consolidate EPR/BP3398EW and EPR/PP3294FJ is being sought.

It has been agreed through pre-application discussions that the current activity of bulking up organic waste for offsite treatment can be carried out under the conditions of the EP for the CA site but this EP boundary would need to be extended to cover the area currently covered by the EP for the IVC facility so that this activity can continue in this area along with other permitted waste management operations currently covered by the CA site EP.

A review of the permitted activities and the permitted waste types under the two permits has been carried out to ensure all necessary changes are incorporated in this variation application. The activities currently permitted under the EP for the CA site (EPR/PP3294FJ) include those for the IVC facility EP (EPR/BP3398EW), specifically R13 - Storage of wastes pending the operation numbered R3, which will apply to the organic waste transfer operations.

Additional waste types

However, not all of the waste types permitted under the IVC permit are included in the CA site EP and therefore this variation seeks to add the following waste types to Table S2.1 of EPR/PJ3294FJ:

Table 2.2 Additional waste types to be included in Table S2.1 of EPR/PJ3294FJ

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 03	plant-tissue waste
02 01 06	animal faeces, urine and manure (including spoiled straw)
02 01 07	wastes from forestry
02 03	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 03 04	materials unsuitable for consumption or processing (biodegradable only)
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing (biodegradable only)
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing (biodegradable only)
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 and particle board other than those mentioned in 03 01 04 only
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 01	paper and cardboard packaging (excluding veneers, plastic coatings or laminates)

Waste Code	Description
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

The additional waste types are not considered significantly different to those accepted under the current permit for the CA site and have also been accepted at the site under the IVC permit. An odour management plan (Amec Foster Wheeler report reference 28587rr814i2 dated 5 November 2013) and a risk assessment (Amec Foster Wheeler report reference 28587rr793i3 – Appendix C dated 7 October 2013) were completed for the IVC facility and it is considered these documents remain valid for the ongoing transfer activities and will not be revisited as part of this application.

Revised EP Boundary

This application also seeks to amend the EP permit boundary to include additional land including the area covered by the IVC facility but excluding the areas covered by the waste transfer station, the leachate tanks and the landfill gas compound. The revised EP boundary is shown on Figure 1.4.

2.4 Site Condition Report

A Site Condition Report (SCR) has been completed in support of this application having regard for the Environment Agency guidance H5 guidance 'Site condition report – guidance and templates' (LIT 8001 Version 3.0 April 2013). A SCR is required in support of this application to take account of the additional areas of land to be included within the EP boundary. A copy is provided at Appendix D.

A SCR describes and records the condition of the land at a site, at the time of applying for an EP or where any new areas of land are covered by the EP as part of a variation application, in order to provide a point of reference at the start of site operations or at the time the EP is issued. This is required so that when the EP is surrendered, the operator can demonstrate whether there has been any additional contamination of the site during operation of the facility and ensure that the condition of the land is in a "satisfactory state" on surrender of the Permit.

In accordance with the guidance:

- ▶ Sections 1 3 have been completed;
- ▶ Sections 4 7 of the report should be maintained for the life time of the EP; and
- ▶ When an application is made to surrender the EP, add a new document reference to Part 1.0 and Sections 8 10 should be completed and submitted.



Appendix A

Pre-Application Discussions

To: Edwards Steven (PAB) <stevenedwards@gwynedd.llyw.cymru>
Cc: Francis Susan Jane (PAB) <susanjanefrancis@gwynedd.llyw.cymru>
Subject: RE: Ffridd Rasus

Bore da Steven,

Er mwyn ildio trwydded yr IVC ac ehangu trwydded y CA bydd angen cyflwyno dau gais. **In order to surrender the IVC permit and extend the CA permit there will need to present two applications.**

Bydd angen cyflwyno y ffurflenni canlynol ar gyfer y 'permit surrender' i'r IVC; Rhan **A, E2, F1**. Mae'r rhain ar gael yma: <http://naturalresources.wales/permits-and-permissions/waste/waste-permits/apply-to-surrender-a-waste-permit/?lang=en> **Need to complete the following forms to surrender the IVC permit – A, E2, F1.**

Dylai hwn allu gael ei wneud fel 'low risk surrender', ac felly cost y cais i ildio fydd £2532. Fydd hyn yn golygu na fyddwch yn talu y gost flynyddol y drwydded o hyn allan, sydd ar hyn o bryd yn £1456. **This should be a low risk surrender and as such attract a cost of £2532. This will mean you will not then pay the annual cost from then on, currently £1456.**

Ar gyfer ehangu'r drwydded CA bydd angen cyflwyno cais 'normal variation'. Bydd angen ffurflenni rhan; **A, C2, C4, F1**. Os ydych yn bwriadu mynd ymlaen gyda'r cais yma ni fydd rhaid cyflwyno cais arall arwahan (C.05 admin variation) er mwyn ychwanegu'r ddau ffrwd gwastraff newydd, gan bod modd gwneud hyn fel rhan o'r 'normal variation'. **In order to extend the CA permit you will need to prepare a normal variation. Need to complete the following forms A, C2, C4, F1. If you intend to go ahead with this, there will be no need for you to complete a separate admin variation to add the two waste streams (aerosols and tetras) you can do this as part of the normal variation.**

Bydd y gost o'r normal variation yn dibynu ar OPRA. Yn anffodus does dim ffurflen OPRA ar gael ganddom ni ar gyfer y safle CA, felly bydd rhaid cwblhau un newydd. Mae gwybodaeth ynglyn a OPRA ar gael yma: <http://naturalresources.wales/about-us/what-we-do/how-we-regulate-you/our-charges/?lang=en> **The cost for the normal variation will depend on the OPRA, unfortunately we do not have an OPRA profile for the CA, one will have to be completed.**

Pan fydd y ffurflen OPRA wedi gwblhau bydd yn dangos beth yw cost 'normal variation'. **When the OPRA profile has been completed the normal variation cost will be known.**

Mae yna opsiwn ar gael i gyfuno y ddau drwydded (permit consolidation – multiple permits). Yn ymarferol bydd hyn yn golygu 'normal variation' o'r drwydded y CA er mwyn cyfuno amodau'r IVC iddo. Cost 'normal variation' yn ol ffurflen OPRA y drwydded CA fydd hyn eto, felly bydd angen cwblhau'r OPRA er mwyn gweithio allan y gôst. Mae'n debygol na fydd unrhyw newid i'r costau blynyddol yn dilyn y newid yma. **There is the option of consolidating both permits, meaning a normal variation of the ca permit and combine / merge the IVC permit conditions. Cost of normal variation depends on OPRA outcome. Probably no change to the current annual costs following this change.**

Hapus i drafod hyn ymhellach, neu i rhoi unrhyw gyngor pellach hefo cwblhau'r ffurflenni cais os oes angen. **Happy to discuss further, and to provide further advice with completing application forms if required.**

Diolch,
Rhys

Rhys Thomas
Swyddog Amgylchedd / Environment Officer
Cyfoeth Naturiol Cymru / Natural Resources Wales
Ffôn/Tel: 03000 65 3765
E-bost/E-mail:
Rhys.Thomas@cyfoethnaturiolcymru.gov.uk Rhys.Thomas@naturalresourceswales.gov.uk

Siaradwr Cymraeg

Gwefan / Website: cyfoethnaturiol.cymru / naturalresources.wales

Yn falch o arwain y ffordd at ddyfodol gwell i Gymru trwy reoli'r amgylchedd ac adnoddau naturiol yn gynaliadwy.

Proud to be leading the way to a better future for Wales by managing the environment and natural resources sustainably.

Ffridd Rasus – Permit variation discussions 18/05/2017

Three permits currently in place:

EPR/PP3294FJ - EAWML 37004 – Landfill Area 2 (closed landfill) and Civic Amenity Site **Current subsistence fee – total of £5630 (£810 landfill £4828 CA)**

EPR/YB3897TF - EAWML 900056 – Transfer station SR2008No1 **Current subs fee – £2481**

EPR/BP3398EW - EAWML 100235 – In Vessel Composting **Current subs fee – £1456**

The Area 2 and CA Site permit boundary mainly covers the closed landfill area but has a section which branches out into the North-Eastern part of site where it permits the CA site and associated storage areas.

The Transfer station covers a building only which is used for bulking and transfer of residual waste and recyclates.

IVC permit is no longer used, no composting taking place on site. No plans for any future composting on site therefore IVC permit no longer required. IVC building and associated storage areas to be used for other storage and bulking up purposes.

Can this area all be managed under less permits and better reflect current activities on site?

Options discussed:

1.

- Surrender IVC permit. Depending on type of surrender the cost would either be **£2532** if able to meet the requirements of a low risk. If can't meet low risk and need to apply for full surrender cost would be based on current OPRA which is around **£5625** (based on OPRA on record)
- Keep Transfer station standard rules permit as it is.
- Vary CA site permit to include IVC area – boundary extension. Variation would be a normal variation fee and would be based on current OPRA profile. The OPRA profile is unavailable so a rough estimation of cost would be around **£3000**.

Costs/charges - permit surrender & bespoke permit normal variation? Total application fees would be around the **£5500** if low risk surrender and around **£8000** if OPRA charged surrender and variation.

Notes – Left with 2 permits instead of 3. Total annual subsistence fees would be **£8119** but that is not taking into account if you wish to vary the CA permit in such a way that it would increase its current annual through put for example, additional changes to the CA permit may increase the annual subsistence fee.

2.

- Surrender IVC permit. Same as above – either £2532 or £5625
- Surrender Transfer station Standard Rules permit £3588
- Vary CA site permit to include IVC and transfer station area. Same as above approx. £3000

Costs/charges - 2 x permit surrender & bespoke permit normal variation. Total application costs if higher surrender cost £12213

Notes – Left with 1 permit instead of 3. One set of conditions and subsistence fees. If only CA permit (PP3294FJ) in place annual sub fees would be £5638 but depending upon any other changes you wish to make to this permit e.g. increasing annual through put adding in waste transfer station activity this would increase.

3. Permit consolidations:

(described on page 23 of charging scheme – consolidating two or more permits.)

It is possible to undertake multi permit consolidations and the fee would depend upon on a number things including if you were to vary the transfer station Standard Rules Permit (SRP) to a bespoke or it remain a SRP within a bespoke permit as a result of the consolidation.

If the permits were only being varied to facilitate the consolidation it would be SRP variation fee plus two minor tech fees (£2560 + £1280 times 2).

Or three normal variation fees based on current OPRA profile.

The subsistence fee would be dependent upon what happens to the permits as a result of the consolidation.

If it was one permit made up of the landfill activity and the waste activity there would be the £810 fee for the landfill activity and another fee for the waste activity.

If it was one permit made up of the landfill, SRP and bespoke waste activity it would be £810, £2481 and the bespoke subsistence fee.

Depending if any other changes are made as previously highlighted this could impact the subsistence fee.

The consolidation would not remove the IVC activity this would still need to be surrender (if you wish to remove it from the permit) this would be the surrender fees previously outlined.

The possibility of operating under a Standard rules set that will cover activities for the whole area was discussed during our meeting. This was not seen as a practical option due to lack of flexibility for changes in operation in the future but can be looked into further if required.



Appendix B

Planning Permission



Awdurdod Parc Cenedlaethol Eryri ~ Snowdonia National Park Authority

Rhif Cais: NP5/61/70K

Cofrestrwyd: 17/10/13

Math Caniatad: Llawn

Mr. Chris Prydderch
AMEC E & I UK Ltd.
Canon Court Abbey Lawn
Abbey Foregate
Shrewsbury
Shropshire
SY2 5DE

Deddf Cynllunio Gwlad a Thref, 1990
Gorchymyn Cynllunio Gwlad a Thref, (Gweithdrefn Rheoli Datblygiad) (Cymru) 2012

Mae'r Awdurdod a enwir uchod, yr awdurdod cynllunio lleol, **TRWY HYN YN CANIATAU'R** datblygiad a fwriedir gennych, sef:

Cais llawn i ddatblygu'r isadeiledd rheoli gwastraff presennol (yn ymgorffori IVC, cyfleuster ailgylchu gwastraff tŷ ac adeilad maluriwn) yn orsaf drosglwyddo gwastraff i dderbyn, pecynnau a throsglwyddo gwastraff oddi ar y safle, Safle Tirlenwi Ffridd Rasmus, Harlech.

yn unol a'r cynlluniau a'r cais a gyflwynwyd i'r Awdurdod ar yr amod(au) a nodir isod:

1. Rhaid cychwyn y gwaith y cyfeiria'r caniatad hwn ato o fewn PUM mlynedd o ddyddiad y caniatad hwn.
2. Cymerir camau priodol digonol i sicrhau fod y safle yn cael ei gynnal mewn cyflwr i fodlonrwydd yr Awdurdod Cynllunio Lleol. Ni chaniateir storio deunyddiau gwastraff ar unrhyw adeg tu allan i ardal sydd wedi'i glustnodi ac ni chaniateir i adael unrhyw eitemau ar y llawr ar unrhyw adeg.
3. Oni bai fod amod cynllunio yn gofyn am hynny, neu fod cytundeb ysgrifenedig gyda'r Awdurdod Cynllunio Lleol, rhaid i'r datblygiad gael ei wneud yn hollol unol â'r lluniadau, cynlluniau a'r manylion a ddilyswyd gyda'r cais dyddiedig 17/10/2013 ac unrhyw fanylion eraill a gymeradwywyd wedi hynny mewn ysgrifen gan yr Awdurdod Cynllunio Lleol.
4. Ni chaniateir unrhyw waith ar y safle fydd yn achosi codi llwch a rhaid dyfrio pob ardal lle bydd cerbydau olwyn yn teithio arnynt wrth symud defnyddiau, neu eu trin pryd bynnag fydd angen i arbed codi llwch o'r fath.

Y rhesymau am ddyfarniad yr Awdurdod i ganiatau y datblygiad yn ddarostyngedig i'r amodau a nodwyd eisioes yw:

1. I atal casglu caniatadau cynllunio sydd heb eu gweithredu.
2. Er mwyn gofalu y datblygir y safle'n briodol ac er budd mwynderau gweledol yr ardal.
3. Er mwyn gofalu y datblygir y safle'n briodol.
4. Er lles mwynderau cymdogion a thrigolion cyfagos.

NODYN CYNGHOROL

1. Tynnir eich sylw at gynnwys y llythyrau ynghlwm gan Dwr Cymru a Cyfoeth Naturiol Cymru.

Penderfynwyd ar y cais drwy ystyried y polisi/au a ganlyn o Gynllun Datblygu Lleol Eryri 1, 4, A, D, F.

**** MAE'N BWYSIG EICH BOD YN DARLLEN Y NODIADAU AMGAEEDIG ****



CYFARWYDDWR CYNLLUNIO A TREFTADAETH DIWYLLIANNOL

Dyddiad: 15/01/14



Awdurdod Parc Cenedlaethol Eryri ~ Snowdonia National Park Authority

Application Number: NP5/61/70K

Registered: 17/10/13
Permission Type: Full

Mr. Chris Prydderch
AMEC E & I UK Ltd.
Canon Court Abbey Lawn
Abbey Foregate
Shrewsbury
Shropshire
SY2 5DE

Town and Country Planning Act, 1990

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

The above named Authority being the local planning authority **HEREBY PERMIT** the development proposed by you, namely:

Full application for development of the existing waste management infrastructure (incorporating IVC, household waste recycling facility and pulveriser building) into a waste transfer station for the receipt, bulking and off-site transfer of waste, Ffridd Rasus Landfill Site, Harlech.

In accordance with the plans and application submitted to the Authority and subject to any conditions specified hereunder:

1. The development to which this permission relates shall be begun before the expiration of FIVE years beginning with the date of this permission.
2. Appropriate measures shall be taken sufficient to ensure that the site is maintained in a condition to the satisfaction of the Local Planning Authority. Waste materials shall not at any time be stored outside the designated area and no items shall be left on the ground at any time.
3. Unless otherwise required by planning condition or agreed in writing by the Local Planning Authority the development shall be carried out only in accordance with the drawings, plans and details validated with the application dated 17/10/2013 and other details as may subsequently be approved in writing by the Local Planning Authority.
4. No operations on the site shall be undertaken in such a manner as to cause the raising of fugitive dust and all areas traversed by wheeled vehicles or within which the handling or movement of material is undertaken shall be watered or otherwise treated at such times and intervals as may be necessary to prevent the raising of such dust.

The reasons for the Authority's decision to grant permission for the development subject to compliance with the conditions herein before specified are:

1. To prevent the accumulation of unimplemented planning permissions.
2. To secure the proper development of the site and in the interests of the visual amenities of the area.
3. To secure the proper development of the site.
4. In the interests of the amenity of nearby and local residents.

ADVISORY NOTE

1. Your attention is drawn to the attached copy letters from Dwr Cymru/Welsh Water and Natural Resources Wales.

The application was determined having regard to the following policy(ies) in the Eryri Local Development Plan 1, 4, A, D, F.

**** IT IS IMPORTANT THAT YOU READ THE ENCLOSED NOTES ****



DIRECTOR OF PLANNING AND CULTURAL HERITAGE

Date: 15/01/14



Appendix C

Application Forms

Application for an environmental permit:

Part A – About you

<p>Fill in this part A if you are applying for a new permit, applying to change or surrender an existing permit, or want to transfer an existing permit to yourself.</p> <p>Please check that this is the latest version of the form available from our website.</p> <p>Please read through this form and the guidance notes that come with it. All relevant guidance documents can be found on our website.</p> <p>Where you see the term 'document reference' on the form,</p>	<p>give the document references and send the documents with the application form when you've completed it.</p> <p>Contents</p> <p>1 About you</p> <p>2 Applications from individuals</p> <p>3 Applications from organisations of individuals</p> <p>4 Applications from public bodies</p> <p>5 Applications from a registered company or other corporate body</p> <p>6 Your address</p> <p>7 Contact details</p>
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1 About you

Are you applying as an individual, an organisation of individuals (for example, a partnership), a company (this includes Limited Liability Partnerships) or a public body?

- | | | |
|---|-------------------------------------|------------------------|
| An individual | <input type="checkbox"/> | <i>Go to section 2</i> |
| An organisation of individuals (for example, a partnership) | <input type="checkbox"/> | <i>Go to section 3</i> |
| A public body (such as a local council) | <input checked="" type="checkbox"/> | <i>Go to section 4</i> |
| A registered company or other corporate body | <input type="checkbox"/> | <i>Go to section 5</i> |

2 Applications from individuals

2a Please give us the following details

Title	<input type="text"/>	
First name	<input type="text"/>	
Last name	<input type="text"/>	<i>Go to section 6</i>

3 Applications from organisations of individuals

3a Organisation details

Organisation name	<input type="text"/>
Type of organisation	<input type="text"/>
If 'Other', please specify	<input type="text"/>

3b Main representative's details

Title	<input type="text"/>
First name	<input type="text"/>

Last name

3c Second representative's details:

Title

First name

Last name

3d Other representative's details

If relevant, please provide details of all other representatives on a separate sheet and tick here to show that you have done so.

☐

Go to section 6

4 Applications from public bodies

4a Public body details

Public body name

Gwynedd Council

Type of public body

Local council

If 'Other', please specify

4b Executive officer's details

The executive is an officer of the public body authorised to sign on your behalf.

Title

Mr

First name

Medwyn

Last name

Williams

Position

Senior Manager

Go to section 6

5 Applications from a registered company or other corporate body

5a Company details

Company name

Company registration number

Date of registration

If you are applying as a corporate organisation that is now a limited company, please provide evidence of your status and tell us the reference number you have given this document with this evidence.

Document reference

Go to section 6

6 Your address

6a Your main (registered office) address

For companies this *must* be the address on record at Companies House.

Address

Gwynedd Council

Municipal Works

	Cibyn Industrial Estate
	Caernarfon
Postcode	LL55 2BF
Telephone - mobile	
Telephone - office	01286 679765
Email address	medwynwilliams@gwynedd.llyw.cymru

If you are applying as an organisation of individuals, every partner needs to give us their details, including their title. If necessary, continue on a separate sheet and tell us the reference you have given the sheet.

Document reference	
--------------------	--

6b UK business address *only* if different from above

Address	
Postcode	
Telephone - mobile	
Telephone - office	
Email address	

Go to section 7

7 Contact details

7a Who can we talk to about your application?

This can be someone acting as a consultant or 'agent' for you.

Title	Mrs
First name	Charlotte
Last name	Pearson
Address	Amec Foster Wheeler E&I Uk Ltd
	Cannon Court
	Abbey Lawn, Abbey Foregate

	Shrewsbury
Postcode	SY2 5DE
Telephone - mobile	
Telephone - office	01743 342 062
Email address	charlotte.pearson@woodplc.com

7b Who can we talk to about your operation?

Same as the application contact in 7a	<input checked="" type="checkbox"/>
Title	
First name	
Last name	
Address	
Postcode	
Telephone - mobile	
Telephone - office	
Email address	

7c Who can we talk to about your billing or invoice?

Same as the application contact in 7a	<input type="checkbox"/>
Same as the operation contact in 7b	<input type="checkbox"/>
Title	Mr
First name	Medwyn
Last name	Williams
Address	As in 6a

Postcode

Telephone - mobile

Telephone - office

Email address

Application for an environmental permit:

Part C2 – General: Varying a bespoke permit

<p>Fill in this part of the form, together with part A, the relevant parts of C3 to C7 and part F1 or F2.</p> <p>Please check that this is the latest version of the form available from our website.</p> <p>Note: If you are applying to convert your existing permit to a standard permit or add a standard facility you need to fill out form C1.</p> <p>If you want to make an administrative change, you should complete form C0.5.</p> <p>You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or changing existing ones).</p>	<p>You do not need to resend any information from your original permit application.</p> <p>Please read through this form and the guidance notes that came with it. All relevant guidance documents can be found on our website.</p> <p>Contents</p> <ul style="list-style-type: none"> 1 About the permit 2 About your proposed changes 3 Your ability as an operator 4 Consultation 5 Supporting information 6 Environmental risk assessment Appendix 1 – Low impact installation checklist
--	--

1 About the permit

1a Discussions before your application

If you have had discussions with us before your application, give us the case reference number or details on a separate sheet.

Case or document reference

AFW report reference 40068rr007i3

1b Permit number

Permit number this application relates to?

EPR/PP3294FJ & EPR/BP3398EW

1c Site details

What is the name, address and postcode of the site?

Site name

Ffridd Rasus Waste Management Facility

Address

Morfa Road

Harlech

Gwynedd

Postcode

LL26 2UW

2 About your proposed changes

2a Type of variation

What type of variation are you applying for? (Please tick)

Standalone water discharge activity or point source groundwater activity

☐

- Minor technical ☐
- Normal variation ☒
- Substantial ☐

2b Provide a non-technical summary of your application

Please give us brief details of all the proposed changes to current activities, and any new activities you want to add to your permit.

You can use the box below, in Table 1 below. Or, you can use a separate sheet and send it to us with your application form. Tell us below the reference you have given this document.

Document reference

Table 1 – Details of the proposed changes

The Council wishes to streamline the number of EPs at the Ffridd Waste Management Facility now that the site no longer carries out in vessel composting of kerbside collected organic waste. It has been agreed through pre-application discussions that the current activity of bulking up organic waste for offsite treatment can be carried out under the conditions of the EP for the CA site but a variation application is required to cover a multi-permit consolidation of the two permits and to remove the IVC conditions, with the exception of the waste codes which should be kept. Full details are provided in Section 2.3 of the accompany report (Amec Foster Wheeler Report reference 40068rr07i3 dated 2 January 2018).

2c Consolidating existing permits into the modern style

Consolidating your permit can mean:

- combining the original permit and all subsequent changes into a single document (modern permit), or
- combining two or more environmental permits for the same operator and site into a single permit.

Note: In both cases we may require additional information from you about, for example your management system. Therefore we would always advise you to talk to us before you submit any application to modernise or consolidate permits.

2c1 Do you want to have a modern style (consolidated) permit?

No ☐ *Go to section 2d*

Yes ☒ *Please note: An additional charge may apply for modernising your permit(s).*

2c2 Identify all the permits you want to consolidate by listing the permit numbers/ versions in Table 2 below.

Table 2 – Permit numbers

EPR/PP3294FJ & EPR/BP3398EW

2d Low impact installations (installations only)

Are any of the regulated facilities low impact installations?

No ☒ *Go to section 2e*

Yes ☐

Please give us a description of your proposed activity telling us how you meet the conditions for a low impact installation and send it to us with your application form.

Document reference

Tick the box to confirm you have filled in the low impact installation checklist in Appendix 1 for each regulated facility.

☐

2e Treating batteries

Are you planning to treat batteries? (See the guidance notes on part C2.)

No

☒

Yes

☐

Tell us how you will do this, send us a copy of your explanation and tell us the reference you have given this explanation.

Document reference

3 Your ability as an operator

If you are only applying to change or add a water discharge activity, you only have to fill in question 3d.

If you are applying to add waste installations or waste operations to a permit that has not previously had them, you need to fill in all of section 3.

If you are applying to consolidate two or more permits or have an updated permit you must fill in question 3d.

3a Relevant offences - installations and waste operations only (See guidance notes on part C2)

Have you, or any other relevant person, been convicted of any relevant offence?

No

☒

Go to section 3b

Yes

☐

Please give details below

Title

First name

Last name

Date of birth (DD/MM/YYYY)

Position held at the time of the offence

Name of the court where the case was dealt with

Date of conviction (DD/MM/YYYY)

Offence and penalty set

Date any appeal against the conviction will be heard (DD/MM/YYYY)

If necessary, use a separate sheet to give us details of other relevant offences, and tell us below the reference number you have given the extra sheet.

Document reference

3b Technical ability - relevant waste operations only (see the guidance notes on part C2)

3b1 Which approved scheme are you using to show you have the suitable technical skills and knowledge to manage your facility?

CIWM / WAMITAB ☒

ESA / EU ☐

3b2 Do you already hold the relevant, formal qualifications to manage your facility?

Yes ☒ Tick to confirm you've included all original *and* continuing competence evidence. ☒

No ☐ Tick to confirm you've included evidence you've registered with a Scheme. ☐

3c Finances (installations, waste operations and mining waste operations only)

Do you or any relevant person have current or past bankruptcy or insolvency proceedings against you?

No ☒ *Go to section 3d.*

Yes ☐ Please give details of the required set-up (including infrastructure), maintenance and clean up costs for the proposed facility, against which a credit check may be assessed.

Please note: We may want to contact a credit reference agency for a report about your business's finances.

Landfill, Category A mining waste facilities and mining waste facilities for hazardous waste only

How do you plan to make financial provision (to operate a landfill or a mining waste facility you need to show us that you are financially capable of meeting the obligations of closure and aftercare)?

Bonds ☐

Escrow account ☐

Trust fund ☐

Lump sum ☐

Other ☐

Provide a plan of your estimated expenditure on each phase of the landfill or mining waste facility.

Document reference

3d Management systems (all)

You can find guidance on management systems in both 'How to Comply' and 'Horizontal Guidance Note 6 – Environmental Management Systems'. We have also developed environmental management toolkits for some business sectors which you can use to produce your own management system. You can get these by calling 0300 065 3000 or by downloading them from our guidance webpages.

3d1 Does your management system meet the conditions set out in our guidance?

Yes ☒

No ☐

3d2 What management system will you provide for your regulated facility?

EC Eco-Management and Audit Scheme (EMAS) ☐

ISO 14001	<input checked="" type="checkbox"/>
BS 8555 (Phases 1–5)	<input type="checkbox"/>
Green Dragon	<input type="checkbox"/>
Own management system	<input type="checkbox"/>

3d3 Make sure you include a summary of your management system which sets out any changes or additional measures you will put in place to the address risks from the proposed changes. Tick the box to confirm you've done this and tell us the reference below. ☐

Document reference

Water discharge activities: Go to section 5.

4 Consultation (fill in 4a to 4c for installations and waste operations and 4d for installations only)

Could the waste operation or installation involve releasing any substance into any of the following?

4a A sewer managed by a sewerage undertaker

No ☒

Yes ☐ Please name the sewerage undertaker

4b A harbour managed by a harbour authority

No ☒

Yes ☐ Please name the harbour authority

4c Direct into relevant territorial waters or coastal waters within the sea fisheries district of a local fisheries

No ☒

Yes ☐ Please name the fisheries committee

4d Is the installation on a site for which:

4d1 a nuclear site licence is needed under section 1 of the Nuclear Installations Act 1965?

No ☒

Yes ☐

4d2 a policy document for preventing major accidents is needed under regulation 5 of the Control of Major Accident Hazards

No ☒

Yes ☐

5 Supporting information

5a Provide a plan or plans for the site (see guidance notes on part C2 for what needs to be marked on the plan)

Document reference

AFW report reference 40068rr007i3

5b Do any of the variations you plan to make need extra land to be included in the permit?

No ☐

Yes ☒ Please provide a site report for the extra land.

Document reference

AFW report reference 40068rr007i3 –
Appendix C

5c Adding an installation

If you are applying to add an installation, tick the box to confirm that you have sent in a baseline report and provide a reference.

☐

Document reference

6 Environmental risk assessment - if you need one (see the guidance notes on part C2)

Provide an assessment of the risks each of your proposed activities cause to the environment. The risk assessment must use H1 or an equal method.

Document reference

Appendix 1 – Low impact installation checklist (see guidance notes on part C2)

Intallation reference				
Condition	Response			Do you meet this?
A – Management techniques	Provide references to show how your application meets A.			Yes <input type="checkbox"/>
	References			No <input type="checkbox"/>
B – Aqueous waste	Effluent created	m3/day		Yes <input type="checkbox"/>
				No <input type="checkbox"/>
C – Abatement systems	Provide references to show how your application meets C.			Yes <input type="checkbox"/>
	References			No <input type="checkbox"/>
D - Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
		No <input type="checkbox"/>		No <input type="checkbox"/>
E – Producing waste	Hazardous waste	Tonnes per year		Yes <input type="checkbox"/>
	Non-hazardous waste	Tonnes per year		No <input type="checkbox"/>
F – Using energy	Peak energy consumption	MW		Yes <input type="checkbox"/>
				No <input type="checkbox"/>
G – Preventing accidents	Do you have appropriate measures to prevent spills and major releases of liquids? (See 'How to comply'.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
	Provide references to show how your application meets G.			No <input type="checkbox"/>
	Reference			
H - Noise	Provide references to show how your application meets H.			Yes <input type="checkbox"/>
	Reference			No <input type="checkbox"/>
I - Emissions of polluting substances	Provide references to show how your application meets I.			Yes <input type="checkbox"/>
	Reference			No <input type="checkbox"/>
J – Odours	Provide references to show how your application meets J.			Yes <input type="checkbox"/>
	Reference			No <input type="checkbox"/>
K – History of keeping to the regulations	Say here whether you have been involved in any enforcement action as described in Compliance History Appendix 1 explanatory notes.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

Application for an environmental permit:

Part C4 – Varying a bespoke waste operation permit

<p>Fill in this part of the form, together with parts A, C2 and F1, if you are applying to vary (change) the conditions or any other part of the permit.</p> <p>Please check that this is the latest version of the form available from our website.</p> <p>You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or making changes to existing ones).</p> <p>You do not need to resend any information from your original permit application if it is not affected by your proposed changes.</p> <p>Please read through this form and the guidance notes that</p>	<p>came with it. All relevant guidance documents can be found on our website.</p> <p>Contents</p> <p>1 What waste operations are you applying to vary?</p> <p>2 Emissions to air, water and land</p> <p>3 Operating techniques</p> <p>4 Monitoring</p> <p>Appendix 1 – Specific questions for waste facilities that accept clinical waste</p> <p>Appendix 2 – Specific questions for waste facilities that accept hazardous waste</p> <p>Appendix 3 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes</p> <p>Appendix 4 – Specific questions for inert landfills</p>
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1 About your activities

1a What waste operations are you applying to vary?

Fill in Table 1a with details of what you are applying to vary.

Fill in a separate table for each waste operation you are applying to vary. Use a separate sheet if you have a long list and send it to us with your application form.

Tell us the document reference.

Document reference

AFW report reference 40068rr007i3

Notes to help you complete Table 1a:

1 This is the type of activity you are permitted to carry out. For example, household, commercial and industrial waste transfer or in-vessel composting.

2 Use the description from the guidance. Include any extra detail that you think would help to accurately describe the activity.

3 The R (recovery) and D (disposal) codes are as set out in Annex I and/or Annex II of the European Waste Framework Directive (as amended).

4 By 'capacity', we mean:

- the total landfill capacity (cubic metres) for landfills
- the total treatment capacity (tonnes each day) for waste treatment
- the total storage capacity (tonnes) for waste storage operations.

5 By 'total storage capacity', we mean the maximum amount of waste, in tonnes, you are able to store on the site at any one time.

Table 1a – Waste operations which do not form part of an installation				
Waste operation name (See note 1)	Description of the waste operation (See note 2)	Annex I or Annex II (disposal and recovery) codes (See note 3)	Hazardous waste treatment capacity (if this applies). (See note 4)	Non-hazardous waste treatment capacity (if this applies). (See note 4)
Ffridd Rasus Civic Amenity Site	Household waste amenity	D15, R13, D14, R3, R4 & R5		
For all waste operations	Total storage capacity of non-hazardous waste (see note 5)	Total storage capacity of hazardous waste (see note 5)		Total annual throughput (tonnes each year)
				5000 tonnes/annum

1b What waste types do you want to accept?

For each line in Table 1a, fill in a separate document to list those types of waste you will accept onto site for that activity. Give the List of Wastes catalogue code and description.

If you need to exclude wastes from your activity or facility by restricting the description, quantity, physical nature, hazardous properties, composition or characteristic of the waste, include these in the document. Send it to us with your application form.

If you want to accept any waste with a code ending in 99, you must provide more information and a full description in the document.

You can use Table 1b as a template.

Please provide the reference for each document.

Document references

Report ref 40068rr007i3 – section 2.3 lists the waste types to be carried over to the consolidated permit in addition to those listed in Table S2.1 of EPR/PP3924FJ.

Table 1b – Template example: types of waste accepted and restrictions	
Waste code	Description of waste
Example	Example
02 01 08*	Agrochemical waste containing dangerous substances
06 01 02*	Hydrochloric acid

1c Deposit for recovery purposes (see guidance notes on part C4)

1c1 Are you applying for a waste recovery activity involving the permanent deposit of waste in or on land, for construction, restoration or land reclamation?

No ☒ *Go to section 2*

Yes ☐

1c2 Have we confirmed that we believe the activity is waste recovery?

No ☐ *We recommend you confirm the activity is recovery with us, before you apply.*

Yes ☐

1c3 Have there been any changes to your proposal since the pre-application discussion?

No ☐

Yes ☐ *We recommend you confirm the effect of changes with us, before you apply.*

1c4 Please send us a copy of your waste recovery plan that complies with the guidance on waste recovery plans and permits. You can access this guidance via the guidance pages of our website.

Document reference

2 Emissions to air, water and land

Fill in Table 2 below with details of the emissions that result from the operating techniques at each of your waste operations (activities).

Fill in one table for each waste operation (activity). You can use Table 2 as a template. Please provide the reference for each document.

Document references

N/A

Table 2 – Emissions (releases)				
Waste operation name				
Point source emissions to air				
Emission point reference and location	Source	Parameter	Quantity Unit	Unit
Point source emissions to water (other than sewers)				
Emission point reference and location	Source	Parameter	Quantity Unit	Unit
Point source emissions to sewers, effluent treatment plants or other transfers off site				
Emission point reference and location	Source	Parameter	Quantity Unit	Unit
Point source emissions to land				
Emission point reference and location	Source	Parameter	Quantity Unit	Unit

3 Operating techniques

3a Technical standards

Fill in Table 3a for each operation you refer to in Table 1a above, and list the relevant technical guidance note (TGN) or notes you are planning to use. If you are planning to use the standards set out in the TGN, there is no need to justify using them.

You must justify your decisions in a separate document if:

- there is no technical standard;
- the technical guidance provides a choice of standards; or
- you plan to use another standard.

This justification could include a reference to the Environmental Risk Assessment provided in section 7 of part C2 (General bespoke permit) of the application form. The documents should summarise the main measures you use to control the main issues identified in the H1 assessment or technical guidance.

For each of the activities listed in Table 3a, describe the type of operation and the options you have chosen for controlling emissions from your process.

Fill in one table for each waste operation (activity). You can use Table 3a as a template.

Please provide the reference for each document.

Document references

N/A

Table 3a – Technical standards		
Waste operation name		
Description of waste operation	Relevant technical guidance note. You will need to refer to 'How to comply' for all permits.	Document reference (if appropriate)
	'How to comply'	
CA Site	H6 Management Systems	AFW Report Ref 28587rr443i2
	Environmental Risk Assessment	AFW Report Ref 28587rr797i3

If appropriate, use block diagrams to help describe the operation and process. Give the document references you use for each diagram and description.

Document references

3b General requirements

Fill in a separate Table 3b for each waste operation (activity). You can use Table 3b as a template. Please provide the reference for each document.

Document references

Table 3b – General requirements	
Waste operation name	N/A
If the TGN or H1 assessment shows that emissions of substances not controlled by emission limits are an important issue, send us your plan for managing them	Document reference or references
If the TGN or H1 assessment shows that odours are an important issue, send us your odour management plan	Document reference or references
If the TGN or H1 assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both)	Document reference or references
If our fire prevention guidance or your H1 assessment shows that fire risk is an important issue, send us your fire management plan	Document reference or references

3c Information for specific sectors

For some of the sectors, we need more information to be able to set appropriate conditions in the permit. For those activities listed below, you must answer the questions in the related Appendix.

Table 3c – Questions for specific sectors	
Sector	Appendix
Clinical waste	See the questions in appendix 1
Hazardous waste recovery and disposal	See the questions in appendix 2
Recovery to land for agricultural benefit of compost like outputs from the treatment of municipal mixed wastes	See the questions in appendix 3
Inert landfill	See the questions in appendix 4

4 Monitoring

4a Describe the measures you use to monitor emissions by referring to each emission point in Table 2 above

You should also describe any environmental monitoring. Tell us:

- how often you use these measures;
- the methods you use; and
- the procedures you follow to assess the measures.

Document references

No changes

4b Point source emissions to air only

Provide an assessment of the sampling locations used to measure point source emissions to air. The assessment must use Technical Guidance Note M1 (Monitoring). This is available in the Guidance section on our Website.

Document references

N/A

Appendix 1 – Specific questions for the clinical waste sector

Note: If your procedures are fully in line with the standards set out in EPR 5.07 then you should tick the 'yes' box and provide the procedure reference. There is no need for you to supply a copy of the procedure.

1 Are pre-acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.2 of EPR 5.07 and which are used to assess a waste enquiry before it is accepted at the facility?

No	<input type="checkbox"/>	Provide justification for departure from EPR 5.07 and submit a copy of the procedures	
		Document reference	<input type="text"/>
Yes	<input type="checkbox"/>	Document reference	<input type="text"/>

2 Are waste acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.2 of EPR 5.07, and which are used to cover issues such as loads arriving and being inspected, sampling waste, rejecting waste, and keeping records to track waste?

No	<input type="checkbox"/>	Provide justification for departure from EPR 5.07 and submit a copy of the procedures	
		Document reference	<input type="text"/>
Yes	<input type="checkbox"/>	Document reference	<input type="text"/>

3 Are waste storage, handling and dispatch procedures, and infrastructure in place that are fully in line with the appropriate measures set out in section 3.2 of EPR 5.07?

No	<input type="checkbox"/>	Provide justification for departure from EPR 5.07 and submit a copy of the procedures	
		Document reference	<input type="text"/>
Yes	<input type="checkbox"/>	Document reference	<input type="text"/>

4 Are monitoring procedures in place that are fully in line with the appropriate measures set out in section 3.3 of EPR 5.07?

No	<input type="checkbox"/>	Provide justification for departure from EPR 5.07 and submit a copy of the procedures	
		Document reference	<input type="text"/>
Yes	<input type="checkbox"/>	Document reference	<input type="text"/>

5 Are you proposing to either

- accept an additional waste not included in Table 2.1 of section 2.1 of EPR 5.07, or
- apply a permitted activity to a waste other than that identified for that waste in Table 2.1?

No	<input type="checkbox"/>		
Yes	<input type="checkbox"/>	You must provide justification	
		Document reference	<input type="text"/>

6 Please provide a summary description of the treatment activities undertaken on the facility. This should cover the general principles set out in section 2.1.4 of EPR 5.07

Document references	<input type="text"/>
---------------------	----------------------

7 Please provide layout plans detailing the location of each treatment plant and main plant items and process flow

Document references	<input type="text"/>
---------------------	----------------------

Appendix 2 – Specific questions for the hazardous waste recovery and disposal sector

Note: If your procedures are fully in line with the standards set out in SGN 5.06 then you should tick the 'yes' box and provide the procedure reference. There is no need for you to supply a copy of the procedure.

1 Are pre-acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.1.1 of SGN 5.06, and which are used to assess a waste enquiry before it is accepted at the facility?

No ☐ Provide justification for departure from SGN 5.06 and submit a copy of the procedures

Document reference

Yes ☐ Document reference

2 Are waste acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.1.2 of SGN 5.06, and which are used to cover issues such as loads arriving and being inspected, sampling waste, rejecting waste, and keeping records to track waste?

No ☐ Provide justification for departure from SGN 5.06 and submit a copy of the procedures

Document reference

Yes ☐ Document reference

3 Are waste storage procedures and infrastructure in place that are fully in line with the appropriate measures set out in section 2.1.3 of SGN 5.06?

No ☐ Provide justification for departure from SGN 5.06 and submit a copy of the procedures

Document reference

Yes ☐ Document reference

4 Provide a layout plan giving details of where the facility is based, the infrastructure in place (including areas and structures for separately storing types of waste which may be dangerous to store together) and capacity of waste storage areas and structures

Document references

5 Provide a summary of the treatment activities carried out on the facility. This should cover the general principles set out in section 2.1.4 of SGN 5.06 and the specific principles set out in sections 2.1.5 to 2.1.15 as appropriate of SGN 5.06

Document references

6 Provide layout plans giving details of where each treatment plant is based, the main items at each plant, and process flow diagrams for the treatment plant

Document references

Appendix 3 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes

1 Provide an accurate and reliable characterisation of your compost like outputs (CLO). This should be based on sampling and analysis of the CLO produced by the mechanical, biological treatment (MBT) process over a 12 month period and in accordance with section 2 of TGN 6.15

Document references

2 Provide an agricultural benefit assessment for the use of your CLO. This should be based on section 2 of TGN 6.15 and should be signed and dated by an appropriate technical expert

Document references

3 Provide a site specific risk assessment of risks to soil and food chain receptors. This should be based on Schedule 2 of TGN 6.15 and include a map with a green outline showing the boundary of the area being treated and include:

- locations where the waste will be stored and spread;
- any spring, well or borehole used to supply water for domestic or food production purposes that is within 250 metres of the area being treated;
- any spring, well or borehole not being used for domestic or food production purposes that is within 50 metres of the area being treated;
- any European designated sites (candidate or Special Area of Conservation, proposed or Special Protections Area in England and Wales or Ramsar Site) or Sites of Special Scientific Interest (SSSI) which are within 500 metres of the place where waste is to be stored or spread;
- the location of public rights of way;
- any Groundwater Source Protection Zones;
- surface watercourses;
- any buildings or houses within 250 metres of the area being treated;
- land drains within the boundary.

Document references

4 Are the technical standards and measures fully in line with those set out in section 3 of TGN 6.15?

Yes ☐

No ☐ Provide justification for departure from TGN 6.15 and a copy of the proposed technical standards, measures or procedures.

Document reference

Appendix 4 – Specific questions for inert landfills

1 Provide your Environmental Setting and installation Design (ESID) report

Document references

2 Have you completed a hydrogeological risk assessment (HRA) for the site?

No ☐

Yes ☐ Document reference

Note: For inert landfills, this is only necessary in certain cases. Refer to our guidance 'Environmental Permitting Regulations: Inert Waste Guidance, Standards and Measures for the Deposit of Inert Waste on Land'. This can be downloaded from our guidance webpages.

3 Provide your stability risk assessment (SRA) for the site

Document reference

4 Have you completed a landfill gas risk assessment (LFGRA) for the site?

No ☐

Yes ☐ Document reference

Note: For inert landfills, this is only necessary in certain cases. Refer to guidance 'Environmental Permitting Regulations: Inert Waste Guidance, Standards and Measures for the Deposit of Inert Waste on Land'. This can be downloaded from our guidance webpages.

Templates for these four reports can be found using the links on our Guidance Webpages.

5 Provide your proposed plan for closing the site and your procedures for looking after the site once it has closed

Document references

Application for an environmental permit:

Part F1 – Opra, charges and declarations

<p>Fill in this part for all applications for installations, waste operations, mining waste operations and groundwater discharges onto land.</p> <p>Please check that this is the latest version of the form available from our website.</p> <p>For applications for water discharge and point source groundwater discharge activities you need to fill in part F2 instead.</p> <p>Please read through this form and the guidance notes that</p>	<p>came with it. All relevant guidance documents can be found on our website.</p> <p>Contents</p> <p>1 Working out charges</p> <p>2 Opra profile (electronic)</p> <p>3 Payment</p> <p>4 The Data Protection Act 1998</p> <p>5 Confidentiality and national security</p> <p>6 Application checklist</p> <p>7 Declaration</p>
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1 Working out charges (you must fill in this section)

You have to submit an application fee with your application. You can find out the charge by looking at our current environmental permitting charging scheme. This can be found on our 'How we regulate you' webpages. Please remember that the charges are revised on 1 April each year and that there is an annual subsistence charge (for site based permis) to cover the costs we incur in the ongoing regulation of the permit.

Examples: We have included examples to help you complete the table. The Tier 2 charge example is for an application for a 'New standard rule' permit. The Tier 3 charge example is for an installation Opra based charge for a normal variation (multiplier) application.

Note: for Opra charged Tier 3 Facilities you also need to complete an Opra profile (see section 2).

Table 1 – Working out charges				
Type of application	Variation			
	Summary of charges			
Tier 2 facilities (including Part A(2) and Part B)	Charge identifier	Number of facilities	Charge for each facility (£)	Charges due (£)
EXAMPLE: SR2010 No12	S060A (W)	1	1,630.00	1,630.00
Tier 3 facilities				
EXAMPLE: Total Opra charging score for installations	90	x charge multiplier	57	5,130.00
Total Opra charging score for installations		x charge multiplier		
Total Opra charging score for waste operations	55	x charge multiplier	139	7645.00
Total Opra charging score for mining waste facilities				
Other charges (such as one-off assessments or fixed charge applications etc.)				
Total charges due				7645.00

2 Opra profile (does not apply to standard facilities, or other tier 2 permit applications)

If you are submitting a bespoke application, you must include a completed electronic copy in Excel of the *current* Opra spreadsheet. You can find the current Opra spreadsheet in the 'Our charges' section on our 'How we regulate you' webpages.

For all variations, full and partial surrenders: you will need to submit a copy of your current Opra profile based on your existing profile, not a new profile following the variation or surrender.

For transfers: you will need to submit a revised Opra profile to include your own operator performance. Note: this will not change the set transfer fee.

Important: your Opra profile (score) must match our records. If you are unsure about your current Opra profile (score), you should talk to your regulatory officer before submitting your application.

Tick this box to confirm that you have included the electronic OPRA spreadsheet ☐

3 Payment

3a How do you want to pay?

Tick an option below to show how you will pay.

- | | | |
|---|-------------------------------------|-------------------------|
| Electronic transfer (for example, BACS) | <input type="checkbox"/> | <i>Go to section 3b</i> |
| Credit or Debit card | <input type="checkbox"/> | <i>Go to section 3c</i> |
| Cheque | <input checked="" type="checkbox"/> | <i>Go to section 3d</i> |
| Postal order | <input type="checkbox"/> | <i>Go to section 3d</i> |

3b Paying by electronic transfer

If you choose to pay by electronic transfer use the following information to make your payment.

Company name: Natural Resources Wales

Company address: Income Dept., PO BOX 663, Cardiff, CF24 0TP

Bank: RBS

Address: National Westminster Bank Plc, 2 ½ Devonshire Square, London, EC2M 4BA

Sort code: 60-70-80

Account number: 10014438

Reference number

You can use any reference number but we prefer the number to be 'EPR' followed by the first nine letters of your organisation name followed by a four-digit number.

For example, for a company named Joe Bloggs Ltd, the reference number might be EPRJOEBLOGGS0001. (Remember you can use any four-digit number at the end.)

The reference number you will provide will appear on our bank statements so we can check your payment. We may need to contact your bank to make sure the reference number is quoted correctly.

You should also email your payment details and payment reference number to banking.team@naturalresourceswales.gov.uk / banking.team@cyfoethnaturiolcymru.gov.uk or fax it to 0300 065 3001 and enter it in the space provided below.

BACS reference

Amount paid

Making payments from outside the UK

These details have changed. If you are making your payment from outside the United Kingdom (which must be received in sterling), our IBAN number is GB70 NWBK6070 8010 0144 38 and our SWIFT/BIC number is NWBKGB2L.

If you do not quote your payment reference number, there may be a delay in processing your payment and application.

3c Paying by credit or debit card

If you are paying by credit or debit card, please fill in the separate form CC1.

You can download this from our website or you can ask for one of our customer service providers to send one by post. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro UK card only.

3d Paying by cheque or postal order

You should make cheques or postal orders payable to Natural Resources Wales and they should be marked 'A/c Payee'.

We will not accept post-dated cheques (cheques with a future date written on them).

Cheque/ postal order number	842262 and 701497
Amount paid	£7 645.00

4 The Data Protection Act 1998

We, the Natural Resources Body for Wales (hereafter "Natural Resources Wales"), will process the information you provide so that we can:

- deal with your application;
- make sure you keep to the conditions of the licence, permit or registration;
- process renewals; and
- keep the public registers up to date.

We may also process or release the information to:

- offer you documents or services relating to environmental matters;
- consult the public, public organisations and other organisations (for example, the Health and Safety Executive, local authorities, the emergency services, the Department for Environment, Food and Rural Affairs) on environmental issues;
- carry out research and development work on environmental issues;
- provide information from the public register to anyone who asks;
- prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken, and take any action that is needed;
- assess whether customers are satisfied with our service, and to improve our service; and
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows). We may pass the information on to our agents or representatives to do these things for us.

5 Confidentiality and national security

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential

Confidentiality

You can ask for information to be made confidential by enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application.

Only tick the box below if you wish to claim confidentiality for your application.

Please treat the information in my application as confidential ☐

Tick the box to confirm you have provided evidence to support your confidentiality claim and give us the document reference, below. ☐

Document reference

National security

You can tell the Welsh Ministers that you believe including information on a public register would not be in the interests of national security.

You must enclose a letter with your application telling us that you have told the Welsh Ministers and you must still include the information in your application. We will not include the information in the public register unless the Welsh Ministers decides that it should be included.

You can find guidance on national security in 'Core Environmental Permitting Guidance' published by Defra and available via the .Gov website.

You cannot apply for national security via this application.

6 Application checklist (you must fill in this section)

Tell us about the supporting evidence and information you have sent with this application.

Application fee - You must submit the correct application fee in line with our current charging scheme.

Tick the box to say you have included the correct fee.

☐

List all the documents you have included in Table 2. Please see the guidance notes for examples on how to complete the checklist.

If the relevant information for a question forms part of a larger document, please specify the relevant section(s) of the document. This will speed up the process of checking your application and making decisions.

If necessary, continue on a separate sheet and tell us the reference you have given the document below.

Document reference

Table 2 – application checklist		
Question reference	Document title/ reference	Document section
Part C2Q1a	Pre application discussions	Report ref 40068rr007i3
Part C2 Q5a	Site plan	Report ref 40068007i3
Part C2 Q5b	SCR	Report ref 40068rr007i3 Appendix C
Part C4 Q1a	Changes	Report ref 40068rr007i3 section 2.3
Part C4 Q1b	Waste Types	Report ref 40068rr007i3 section 2.3

7 Declaration

You must read this section before making the declaration and sending your form to us.

For transfer applications - Both you and the person receiving the permit must make the declaration.

Section 7d must be completed by the current holder *and* Section 7e must be completed by the proposed new holder.

A relevant person should make the declaration. You must be a relevant person or have the authority of a relevant person to sign this application on their behalf.

Relevant people means each applicant, and in the case of a company, a director, manager, company secretary or any similar officer or employee listed on current appointments in Companies House. In the case

of a Limited Liability Partnership (LLP), it includes any partner. If the permit holder is an organisation of individuals, each individual (or individual trustee) must complete the declaration.

To simplify and speed up the application process we recommend that the declaration is filled in by an officer of a company or one of the partners in a Limited Liability Partnership (LLP).

If you wish a manager, employee or consultant etc. to sign the declaration on behalf of a relevant person, we will need written confirmation from a relevant person; that is, an officer of the company, a partner in the LLP or the individual, confirming that the person has the authority to fill in the declaration.

If you are joint permit holders you should each fill in your own declaration. We have provided extra spaces for this below. Please send in a separate sheet with your application if you need more room for signatories.

Where the operator is the subject of any insolvency procedure, the declaration must be filled in by the official receiver/appointed insolvency practitioner.

7a Are you signing the form on *behalf* of a relevant person?

If you are *not* a relevant person, but want to sign the application on their behalf, you must include confirmation that you can do this.

I have included written confirmation from a relevant person to confirm I can sign on their behalf. ☐

7b Does your application include a standard facility?

If your application includes a standard facility, you also need to confirm that you are able to meet all relevant criteria of the standard rule set/sets for which you are applying.

I confirm that my standard facility will fully meet the rules that I have applied for. ☐

7c Does your application include ecological survey information?

If your application includes ecological survey information, please see the guidance notes on part F1 and tick the box below to confirm that you have no issue with us using information from any ecological survey you have supplied with your application.

I confirm I am happy for the ecological survey information I have supplied to be used as set out in the guidance. ☐

7d Declaration

If you're transferring the permit, the current holder or holders should sign this section of the declaration, and the proposed new holder or holders of the permit should sign the declaration in section 7e.

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- **I may be prosecuted; and**
- **if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title	<input type="text"/>	<input type="text"/>
First name	<input type="text"/>	
Last name	<input type="text"/>	
On behalf of (if relevant)	<input type="text"/>	
Today's date	<input type="text"/>	

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- **I may be prosecuted; and**
- **if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title	Mr	
First name	Medwyn	
Last name	Williams	
On behalf of (if relevant)	Gwynedd Council	
Today's date	02/01/2018	

7e Declaration for the person or persons *receiving* the permit (transfers only)

The persons 'receiving the permit' is the proposed new permit holder.

Note: If you cannot trace a person or persons holding the permit you may be able to transfer the permit without their declaration (in section 7d above). Please contact us to discuss this and supply evidence in your application to confirm you are unable to trace one or all of the permit holders.

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- **I may be prosecuted; and**
- **if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title		
First name		
Last name		
On behalf of (if relevant)		
Today's date		

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- **I may be prosecuted; and**
- **if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title

First name

Last name

On behalf of (if relevant)

Today's date



Appendix D

Site Condition Report



Technical note:

Ffridd Rasus CA Site and Area 2 - Site Condition Report

A Site Condition Report (SCR) has been completed in support of this application having regard for the Environment Agency guidance H5 guidance 'Site condition report – guidance and templates' (LIT 8001 Version 3.0 April 2013). A SCR is required in support of this application to take account of the additional areas of land to be included within the EP boundary. In accordance with the guidance Sections 1 - 3 have been completed.

1. Site Details

Name of the applicant	Gwynedd Council ('the Council')
Activity address	Ffridd Rasus Landfill Site Morfa Road Harlech Gwynedd LL46 2UW
National grid reference	SH 57957 33887 (centre of area subject to variation application)
Document reference and dates for Site Condition Report at permit application and surrender	Amec Foster Wheeler Report 40068N008i2 dated December 2017
Document references for site plans (including location and boundaries)	Figure 1.1 Site Location (ref. 40068Shr02) Figure 1.2 EP Boundary (ref 40068Shr03) Figure 1.4 Revised Environmental Permit Boundary (ref. 40068Shr05)

2. Condition of the Land at Permit Issue

<p>Environmental setting including:</p> <ul style="list-style-type: none">• geology• hydrogeology• surface waters	<p>The additional area to be included in the revised EP boundary includes land in 'Area 1' and the area covered under the EP for the IVC facility. The information in this section refers to the wider waste management facility and is taken from the application for the PPC permit for the landfill (Amec Foster Wheeler report ref 04602rr539i1 dated 5 November 2004)</p> <p>Regional Geology</p> <p>The Site is situated on a sub-horizontal marine/alluvial coastal plain. The underlying bedrock is the Gamlan Formation which is described as interbedded grey and purple siltstone and mudstone (BGS, 1982). The Gamlan Formation belongs to the Cambrian Harlech Grit Groups.</p> <p>Local Geology</p> <p>The Site is underlain by light brown, unconsolidated sand which is believed to be wind blown (BGS Sheet 135 Solid). Further west, the light brown/orange sand changes at depth (typically less than 2.5 m below ground level [bgl]) to unconsolidated grey sand.</p> <p>This grey sand is described as fine to medium grained, rounded to sub rounded quartz sand with abundant white shell fragments, occasional dark grey, rounded lithic fragments, with</p>
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	<p>occasional entire gastropod valves and rare slate pebbles. It is considered that the light brown sand represents a moderate energy coastal dune environment and the grey sand represents a higher energy beach environment. The sands become denser with depth and as silt content increases. The unconsolidated sand extends to a depth greater than 20 m bgl (the deepest borehole drilled on site to date).</p> <p>During an Entec site investigation in 2004, there was an apparent change in ground conditions at approximately 9-10 m bgl. Progress through this horizon was difficult although there were no observed justifications in the returned core samples. It is possible that this zone is slightly denser than the overlying sands due to increased silt content.</p> <p>HRA Review -Geology updates</p> <p>Three combined gas/groundwater boreholes have been drilled since the 2009 HRA review, BH34, BH35 and BH36, as replacements for boreholes BH7, BH26 and NRA2, respectively, which were lost during development of Area 3. These boreholes are located at the upgradient edge of Area 3/downgradient edge of Area 2. The logs for the new boreholes are provided in Amec Foster Wheeler report ref 28587rr954i2 – Appendix A and confirm the geological sequence at the site and add confidence to the site conceptual models.</p> <p>Hydrogeological Setting</p> <p>Aquifer Category and Characteristics</p> <p>The unconsolidated sands underlying the Site are classified by the EA as a Secondary 'A' Aquifer.</p> <p>There are no data available on the hydraulic conductivity of the sand obtained by pumping tests. However, analysis of the results of particle size distribution (PSD) measurements using the Fair and Hatch methodology (as given in Bear 1972) can indicate approximate conductivity values.</p> <p>The Fair and Hatch method is very sensitive to the porosity chosen for the sediment. Taking a range of between 20 and 40% for the porosity of the sand (LandSim), the method suggests hydraulic conductivities lie between 0.9 and 36 m/d.</p> <p>During development of the boreholes drilled during 2004 observed drawdowns were small (less than 0.50 m with a pumping rate of up to 0.5 m³/hr), with the water level stabilising rapidly. It is surmised that the hydraulic conductivity is therefore toward the higher end of the range suggested by the PSD results, between 5 and 20 m/d.</p> <p>Groundwater Abstractions</p> <p>NRW and Gwynedd Council have confirmed that there are no licensed or private groundwater and surface water abstractions and within 3 km of the site. There are currently no properties down hydraulic gradient of the site.</p> <p>Surface Water</p> <p>A series of drainage ditches run to the north and west of Areas 1 and 3 which connect into a surface water drain to the west of the site, which flows into the estuary. The flood risk map for the area indicates that the site is not at risk of flooding from either river or tidal sources.</p> <p>Surrounding Land Use</p> <p>The Ffridd Rasmus Waste Management facility (the whole site) is located approximately 3 km to the north of Harlech at National Grid Reference (NGR) SH 577 338. The site is accessed via an unclassified road, which connects to the A496. The site is a land raise and lies directly on a coastal plain.</p> <p>The Ffridd Rasmus Waste Management facility (the whole site) is bounded to the south and east by Forestry Commission plantations, to the north by agricultural grazing land, while to the west are a number of large fields currently used for crops or silage/hay in the summer and grazing in the winter.</p> <p>Land uses within 500 m of the whole site are detailed in Table 2.1.</p> <p>Table 2.1 Land Uses Within 500 m of the Site</p> <table border="1"> <tbody> <tr> <td>North</td><td>Glan-y-Mor and Tanforhesgen residential properties (each around 430 m away) and agricultural land.</td></tr> <tr> <td>East</td><td>Forestry Commission plantation and agricultural land.</td></tr> <tr> <td>South</td><td>Forestry Commission plantation and agricultural land.</td></tr> <tr> <td>West</td><td>Agricultural buildings and agricultural land.</td></tr> </tbody> </table>	North	Glan-y-Mor and Tanforhesgen residential properties (each around 430 m away) and agricultural land.	East	Forestry Commission plantation and agricultural land.	South	Forestry Commission plantation and agricultural land.	West	Agricultural buildings and agricultural land.
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South	Forestry Commission plantation and agricultural land.								
West	Agricultural buildings and agricultural land.								
Pollution history including:	<p>Historical Land Use</p> <p>A review of historical maps dated between 1889 and 1993 is presented in Table 2.3.</p>								

<ul style="list-style-type: none">• pollution incidents that may have affected land• historical land-uses and associated contaminants• any visual/olfactory evidence of existing contamination• evidence of damage to pollution prevention measures	<table><tr><th colspan="3">Table 2.3 Historical Development in the Vicinity of the Site</th></tr><tr><th>Date</th><th>Site Land Use</th><th>Adjacent Land Use</th></tr><tr><td>1889</td><td>Marsh land within an area labelled as 'Old Racecourse'. Track traverse site from north to south.</td><td>A series of field and marsh land with land drains to the north east and tracks to the east.</td></tr><tr><td>1890-1891</td><td>Marsh land within an area labelled as 'Old Racecourse'. Track traverse site from north to south.</td><td>No significant changes.</td></tr><tr><td>1901</td><td>Marsh land with some furze (shown on 1:10 560 OS map) within an area labelled as 'Old Racecourse'. Track traverse site from north to south.</td><td>Land to the north, east and south labelled as furze. Agricultural fields to the west and beyond the furze to the east.</td></tr><tr><td>1938-1954</td><td>Marsh land with some furze within an area labelled as 'Old Racecourse'. Tracks traverse site from north to south and east to west.</td><td>No significant changes.</td></tr><tr><td>1963</td><td>No changes to site.</td><td>Plantation to the east and south, marsh land to the north and agricultural land to the south.</td></tr><tr><td>1973</td><td>No changes to site.</td><td>No significant changes.</td></tr><tr><td>1976</td><td>No changes to site.</td><td>No significant changes.</td></tr><tr><td>1993</td><td>Landfilling shown in Area 2 and pulveriser building shown in Area 1. Area 3 still undeveloped.</td><td>No significant changes.</td></tr><tr><td colspan="3">There is no documented evidence of any historical pollution incidents associated with the area of land that is subject to the variation application.</td></tr></table>	Table 2.3 Historical Development in the Vicinity of the Site			Date	Site Land Use	Adjacent Land Use	1889	Marsh land within an area labelled as 'Old Racecourse'. Track traverse site from north to south.	A series of field and marsh land with land drains to the north east and tracks to the east.	1890-1891	Marsh land within an area labelled as 'Old Racecourse'. Track traverse site from north to south.	No significant changes.	1901	Marsh land with some furze (shown on 1:10 560 OS map) within an area labelled as 'Old Racecourse'. Track traverse site from north to south.	Land to the north, east and south labelled as furze. Agricultural fields to the west and beyond the furze to the east.	1938-1954	Marsh land with some furze within an area labelled as 'Old Racecourse'. Tracks traverse site from north to south and east to west.	No significant changes.	1963	No changes to site.	Plantation to the east and south, marsh land to the north and agricultural land to the south.	1973	No changes to site.	No significant changes.	1976	No changes to site.	No significant changes.	1993	Landfilling shown in Area 2 and pulveriser building shown in Area 1. Area 3 still undeveloped.	No significant changes.	There is no documented evidence of any historical pollution incidents associated with the area of land that is subject to the variation application.		
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Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	No records of historical site investigations relating to the site have been found. The area subject to the EP variation application was previously used as a purpose built IVC Facility in 2008. Prior to this it was undeveloped. During its use as an IVC facility, all areas used for the waste management operations have benefitted from an impermeable base and a sealed drainage system.																																	
Baseline soil and groundwater reference data	<p>No reference data for the site has been gathered as part of the application for the EP.</p> <p>Groundwater and gas monitoring boreholes external to the landfill installation and the closed landfill have been regularly monitored in accordance with the requirements of both environmental permits (old WML and installation). The purpose of this monitoring is to identify any migration of pollutants from the landfill and to demonstrate the containment structures are adequately operating. Results of the monitoring are presented to NRW on a quarterly basis.</p> <p>There are no monitoring points within the footprint which is subject to this application and the area of land in question is not used for the permanent deposit of waste.</p>																																	
Supporting information	<p>Geological, hydrogeological and hydrological information for the site was obtained from:</p> <ul style="list-style-type: none">• Groundwater Vulnerability Maps;• Ordnance Survey Landranger Series of Great Britain, 1:50 000, Sheet 124 Porthmadog & Dolgellau;• The Environment Agency website 'What's in your backyard?' feature.• EMS for Ffridd Rasus Waste Management Facility (AMEC Report Ref 28587rr443i2).• ESID Report for PPC application 04602rr539i1 dated 5 November 2004;• Ffridd Rasus AER - Amec Foster Wheeler report ref 28587rr954i2• Ffridd Rasus IVC Facility Surrender Site Condition report – 40068rr006i2 dated 20 December 2017 <p>Historical data was obtained from:</p> <ul style="list-style-type: none">• Old-maps.co.uk.																																	

3. Permitted Activities

Permitted activities	<p>The former IVC building will be used for waste management operations currently permitted under the EP (EPR/PP3294FJ) including activities previously covered under the IVC facility EP, namely, bulking up and storage of kerbside collected organic waste prior to it being sent for onward recovery.</p> <p>The permitted activities are:</p> <ul style="list-style-type: none"> • 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 on site pending other Category 'R' operations; • D14: Repackaging prior to submission to any of the operations numbered D1 to D13; • 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; • R5: Recycling/reclamation of other inorganic materials
Non-permitted activities undertaken	None.
Document references for: <ul style="list-style-type: none"> • plan showing activity layout; and • environmental risk assessment. 	<p>Amec Foster Wheeler Drawing reference 40068Shr04 (Figure 1.3: Site Layout).</p> <p>Environmental Risk Assessment:</p> <p>Amec Foster Wheeler report reference 28587rr797i3 Appendix C submitted in support of the application to vary the IVC EP (EPR/BP3398EW) dated 7 October 2013 remains valid.</p>

4. Changes to the Activity

Have there been any changes to the activity boundary?	
Have there been any changes to the permitted activities?	
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	
Checklist of supporting information	

5. Measures Taken to Protect Land

Checklist of supporting information	



6. Pollution Incidents that may have had an Impact on Land, and their Remediation

Checklist of supporting information	

7. Soil Gas and Water Quality Monitoring

Checklist of supporting information	

8. Decommissioning and Removal of Pollution Risk

Checklist of supporting information	

9. Reference Data and Remediation

Reference data is not required as part of a low risk surrender.	
Checklist of supporting information	

10. Statement of Site Condition

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Author

Charlotte Pearson

Reviewer

Julian Bromhead

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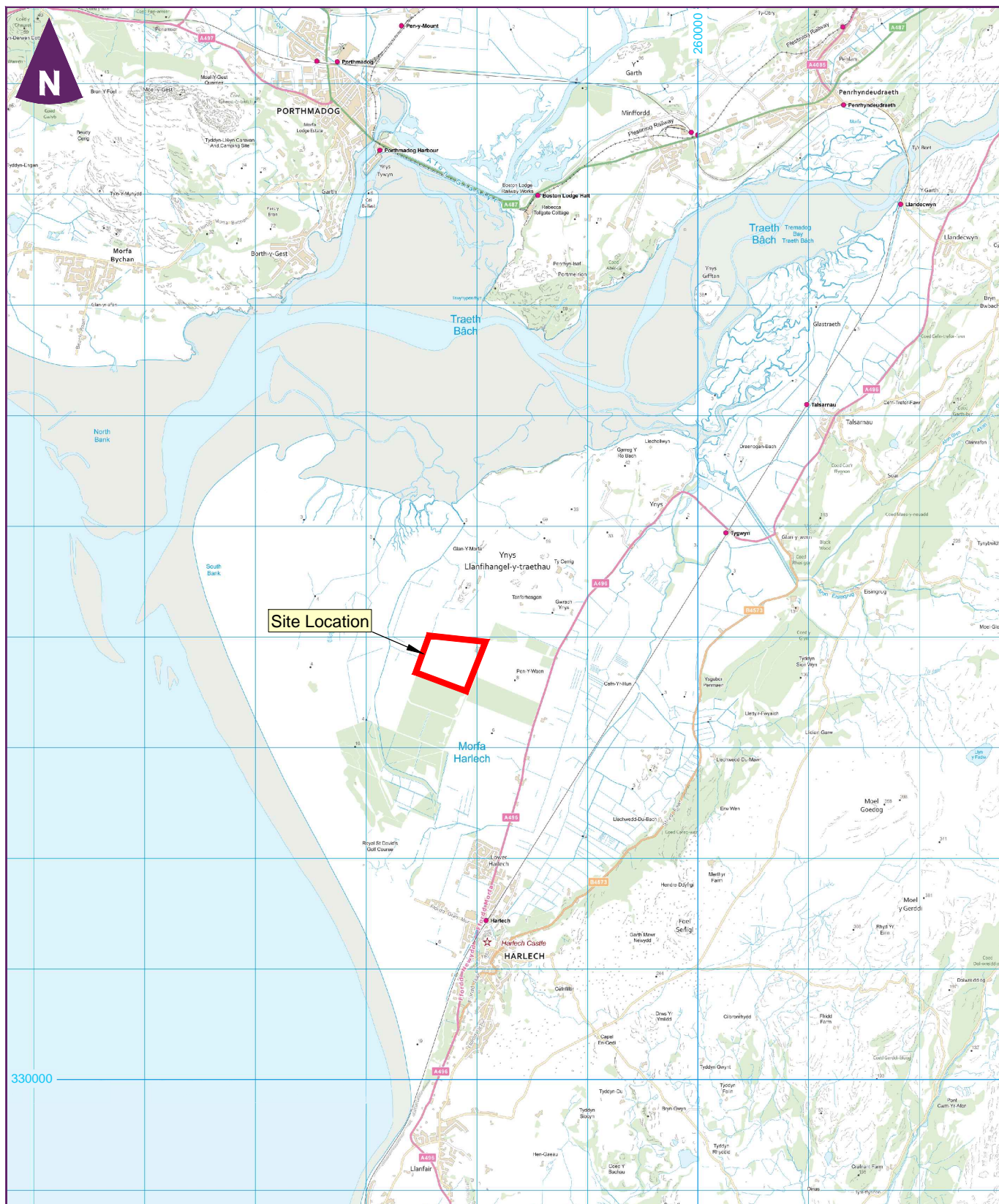
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Figures



Key



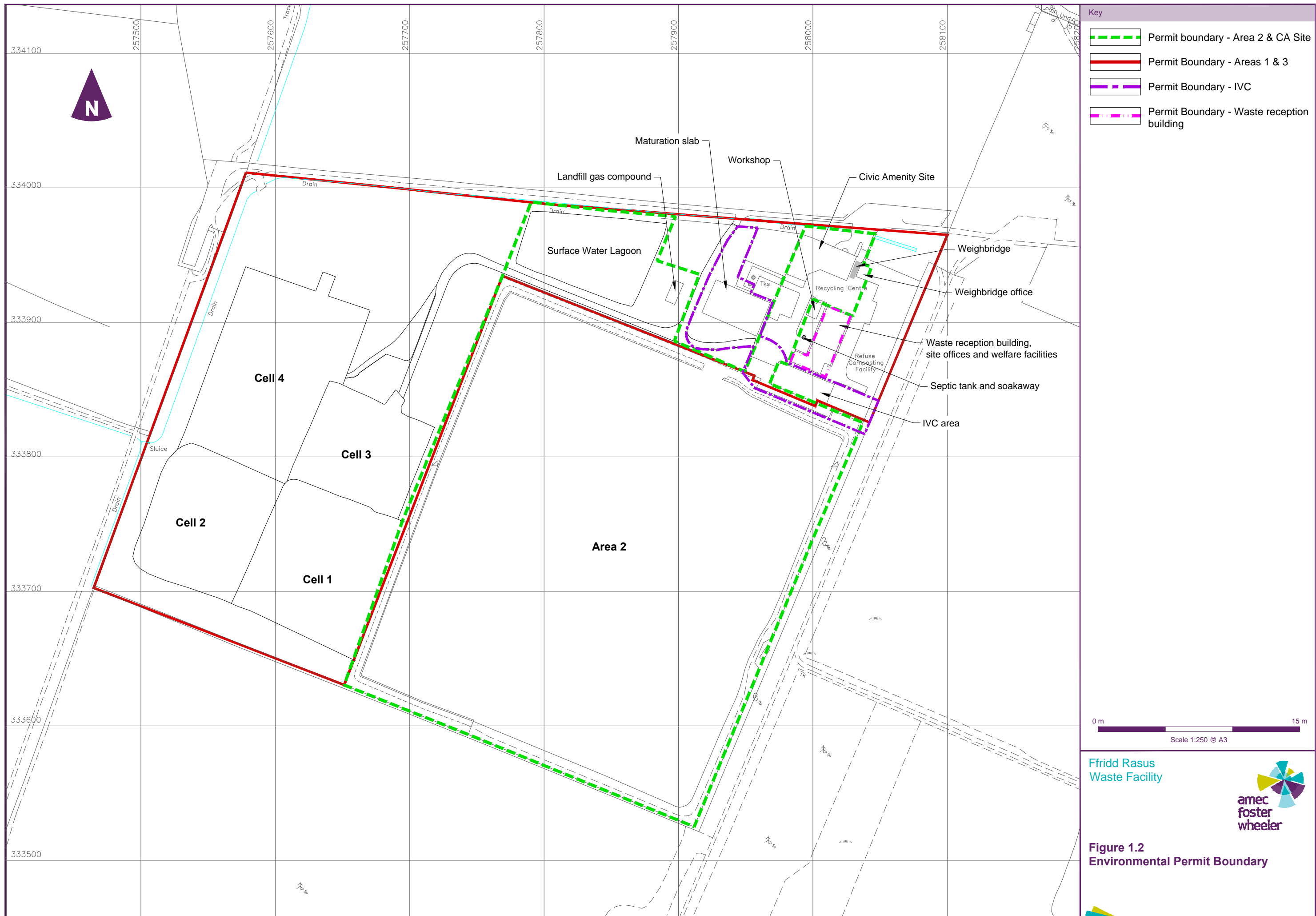
Site boundary

Ffridd Rasus
Waste Facility



Figure 1.1
Site location

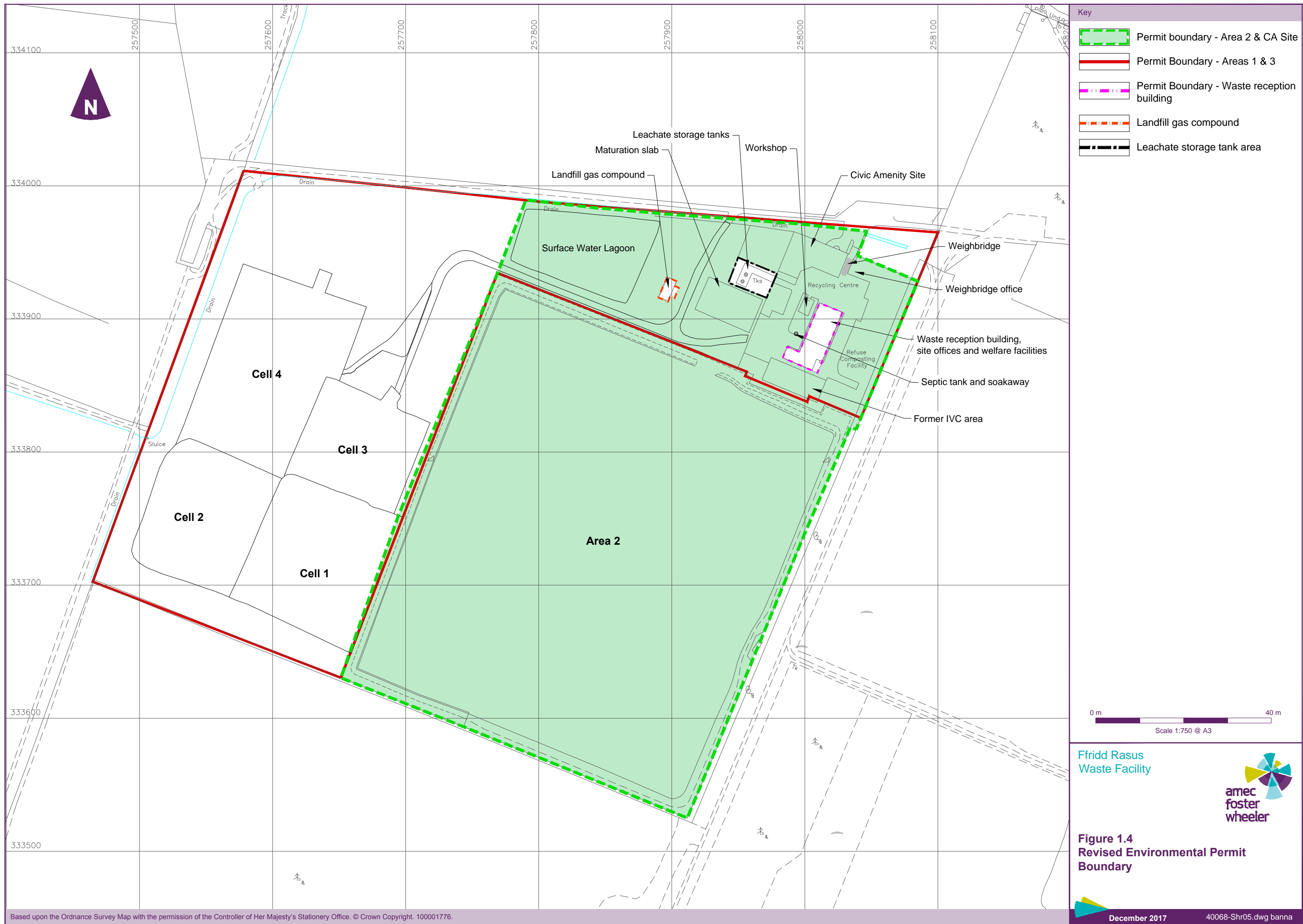
0 km 3 km
Scale 1:50,000 @ A4



Fridd Rasus
Waste Facility



Figure 1.2
Environmental Permit Boundary



- Key**
- Permit boundary - Area 2 & CA Site
 - Permit Boundary - Areas 1 & 3
 - Permit Boundary - Waste reception building
 - Landfill gas compound
 - Leachate storage tank area

0 m 40 m
Scale 1:750 @ A3



Figure 1.4
Revised Environmental Permit
Boundary

