

Permit Receipt Centre (Cardiff)
Natural Resources Wales
29 Newport Road
Cambria House
Cardiff
CF24 0TP

30th July 2015

Dear Sir/Madam,

RE: Permit Application for Nant Newydd Quarry, Brynteg, Anglesey.

Please find enclosed 3no. paper copies and 1no. CD Copy of a Tier 2 Bespoke Permit Application for Nant Newydd Quarry, Brynteg, Anglesey.

The bespoke permit application has been undertaken due to the presence of Cors Erddreiniog SSSI/RAMSAR/SAC being located within 500m of the Site and therefore Standard Rules permit SR2010 No. 12 '*Treatment of waste to produce soil, soil substitutes and aggregate*' not being applicable.

It is noted that the Certificate of Technical Compliance enclosed in Appendix H is schedule to expire on 29th February 2016; we have confirmed with the site operator that the certificate is to be renewed prior to this date.

If you require any further information, or have any comments or queries, please do not hesitate to contact the undersigned.

Yours sincerely

Dr. Richard Furniss
For Egniol Environmental Ltd.

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

July 2015

W J Owen and Sons

Nant Newydd, Brynteg

Permit Application

Contents

Application for an environmental permit;

Part A	About You
Part B2	General – New Bespoke Permit
Part B4	New Bespoke Waste Operation Permit
Part F1	OPRA, charges and declarations

Drawings

4706.PLAN.01	Site location plan
4706.PLAN.02	Site Plan

Appendices

Appendix A	Reference Number List
Appendix B	Waste Operations
Appendix C	Planning Approval
Appendix D	Non Technical Summary
Appendix E	Environmental Risk Assessment
Appendix F	Waste List
Appendix G	Existing Site Permit
Appendix H	Certificate of Technical Compliance
Appendix I	Management System Summary

Application for an environmental permit

Part A – About you



You will need to fill in this part A if you are applying for a new permit, applying to change an existing permit or want to transfer an existing permit to yourself. Please check that this is the latest version of the form available from our website.

Please read through this form and the guidance notes that came with it. All relevant guidance documents can be found on our website. Please write clearly in the answer spaces.

Note: if you believe including information on a public register would not be in the interests of national security you must tick the box in section 5 of F1 or F2 and enclose a letter telling us that you have told the Welsh ministers. We will not include the information in the public register unless directed otherwise.

It will take less than one hour to fill in this part of the application form.

Where you see the term 'document reference' on the form, give the document references and send the documents with the application form when you've completed it.

Contents

- 1 About you
- 2 Applications from an individual
- 3 Applications from an organisation of individuals
- 4 Applications from public bodies
- 5 Applications from a registered company or other corporate body
- 6 Your address
- 7 Contact details
- 8 How to contact us

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

☐ Now go to section 2

An organisation of individuals (for example, a partnership)

☐ Now go to section 3

A public body

☐ Now go to section 4

A registered company or other corporate body

☐ Now go to section 5

2 Applications from an individual

2a Please give us the following details

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Date of birth (DD/MM/YYYY)

Now go to section 6

3 Applications from an organisation of individuals

3a Type of organisation

For example, a charity, a partnership, a group of individuals or a club

3b Details of the organisation

If you are an organisation of individuals, please give the details of the main representative below. If relevant, provide details of other members (please include their title Mr, Mrs and so on) on a separate sheet and tell us the document reference you have given this sheet.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

3 Applications from an organisation of individuals, continued

Last name

Date of birth (DD/MM/YYYY)

Now go to section 6

4 Applications from public bodies

4a Type of public body

For example, local health boards and unitary authorities

4b Name of the public body

4c Please give us the following details of the executive

An officer of the public body authorised to sign on your behalf

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position

Now go to section 6

5 Applications from a registered company or other corporate body

5a Name of the company

5b Company registration number

Date of registration (DD/MM/YYYY)

If you are applying as a corporate organisation that is not a limited company, please provide evidence of your status and tell us below the reference you have given the document containing this evidence.

Document reference

Now go to section 6

6 Your address

6a Your main (registered office) address

For companies this is the address on record at Companies House.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

6 Your address, continued

For an organisation of individuals every partner needs to give us their details, including their title Mr, Mrs and so on. So, if necessary, continue on a separate sheet and tell us below the reference you have given the sheet.

Document reference for the extra sheet

6b Main UK business address (if different from above)

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

Now go to section 7

7 Contact details

7a Who can we contact about your application?

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

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

7 Contact details, continued

7b Who can we contact about your operation (if different from question 7a)?

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

7c Who can we contact about your billing or invoice?

As in question 7a

☐

As in question 7b

☐

Please give details below if different from question 7a or 7b.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

8 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 0300 065 3000 (Monday to Friday, 8am to 6pm)

Email: enquiries@naturalresourceswales.gov.uk / ymholiadau@cyfoethnaturiolcymru.gov.uk

Website: www.naturalresourceswales.gov.uk / www.cyfoethnaturiolcymru.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form?

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

☐

No thank you

☐

Application for an environmental permit

Part B2 – General – new bespoke permit



Fill in this part of the form together with parts A, F1 or F2 if you are applying for a new bespoke permit. You also need to fill in part B3, B4, B5, B6, or B7 (this depends on what activities you are applying for). Please check that this is the latest version of the form available from our website.

Please note we cannot issue your permit for a relevant waste operation or mining waste facility until you have an appropriate planning consent. Please look at the guidance for this part for more information.

Please read through this form and the guidance notes that came with it. All relevant guidance documents can be found on our website. Please write clearly in the answer spaces.

It will take less than two hours to fill in this part of the application form.

Contents

- 1 About the permit
 - 2 About the site
 - 3 Your ability as an operator
 - 4 Consultation
 - 5 Planning status
 - 6 Supporting information
 - 7 Environmental risk assessment
 - 8 How to contact us
- 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 or details on a separate sheet. Tell us below the reference you have given this extra sheet.

Case or document reference

See Appendix A

1b Is the permit for a site or for a mobile plant?

Site

☒ Now go to section 2

Mobile plant

☐ Now go to question 1c

Note: The term 'mobile plant' does not include mobile sheep dipping unit.

Mobile plant

1c Have we told you during pre-application discussions that we believe that a mobile permit is suitable for your activity?

No ☐

Yes ☐

1d Have there been any changes to your proposal since this discussion?

No ☐ Now go to section 3

Yes ☐ You should send us a description of the activity you want to carry out, highlighting the changes you have made since our pre-application discussions.

Document reference

Now go to section 3

2 About the site (but not mobile plant)

2a What is the site name, address, postcode and national grid reference?

Site name

NANT NEWYDD QUARRY

Address

BRYNTEG

ANGLESEY

Postcode

LL78 7JJ

National grid reference for the site
(for example, ST 12345 67890)

SH 48214 81065

2b What type of regulated facility are you applying for?

Note: if you are applying for more than one regulated facility then go to 2c.

Installation

☒ Now tick the relevant box in question 2b1

Waste operation

☐ Now tick the relevant box in question 2b2

Mining waste operation

☐ Now tick the relevant box in question 2b3

Water discharge activity

☐ Now go to question 3d

Groundwater activity (point source)

☐ Now go to question 3d

Groundwater activity (discharge onto land)

☐ Now go to question 3d

What is the national grid reference for the regulated facility (if only one)? (See the guidance notes on part B2.)

As in 2a above

☐

Different from that in 2a

☐ Please fill in the national grid reference below

National grid reference for the regulated facility

What is the type of activity?

2b1 Installation

Intensive farming installation

☐ Landfill gas facility (closed landfill)

☐

Local authority (Part A (2) and Part B)

☐ Opra charged activity

☐

Low impact installation (see question 2d below)

☐ Pet cemetery

☐

Opra charged activity

☐ Tier 2 charged bespoke activity

Directly associated activity

☐ (see charging guidance for list)

☒

Paragraph-17 installation

☐

2b3 Mining waste operation

Non-Opra charged activity

☐

Opra charged activity

☐

Now go to question 2d

2 About the site, continued

2c If you are applying for more than one regulated facility on your site, what are their types and their grid references?

See the guidance notes on part B2.

Regulated facility 1

National grid reference

What is the regulated facility type?

Installation

☐ Now tick the relevant box in question 2c1

Waste operation

☐ Now tick the relevant box in question 2c2

Mining waste operation

☐ Now tick the relevant box in question 2c3

Water discharge activity

☐ Now go to question 3d

Groundwater activity (point source)

☐ Now go to question 3d

Groundwater activity (discharge onto land)

☐ Now go to question 3d

What is the type of activity?

2c1 Installation

Intensive farming installation

☐ Landfill gas facility (closed landfill)

☐

Local authority (part A (2) and part B)

☐ Opra charged activity

☐

Low impact installation (see question 2d below)

☐ Pet cemetery

☐

Opra charged activity

☐ Tier 2 charged bespoke activity

Directly associated activity

☐ (see charging guidance for list)

☐

Paragraph-17 installation

☐

2c2 Waste operation

2c3 Mining waste operationNon-Opra charged activity ☐Opra charged activity ☐**Regulated facility 2**National grid reference **What is the regulated facility type?**Installation ☐Waste operation ☐Mining waste operation ☐Water discharge activity ☐Groundwater activity (point source) ☐Groundwater activity (discharge onto land) ☐☐ Now tick the relevant box in question 2c1☐ Now tick the relevant box in question 2c2☐ Now tick the relevant box in question 2c3☐ Now go to question 3d☐ Now go to question 3d☐ Now go to question 3d**What is the type of activity?****2c1 Installation**Intensive farming installation ☐Local authority (part A (2) and part B) ☐Low impact installation (see question 2d below) ☐Opra charged activity ☐Directly associated activity ☐Paragraph-17 installation ☐**2c2 Waste operation**☐ Landfill gas facility (closed landfill) ☐☐ Opra charged activity ☐☐ Pet cemetery ☐☐ Tier 2 charged bespoke activity ☐☐ (Charging guidance for list) ☐**2c3 Mining waste operation**Non-Opra charged activity ☐Opra charged activity ☐

Use several copies of this page or separate sheets if you have a long list of regulated facilities. Send them to us with your application form. Tell us below the reference you have given these extra sheets.

Document reference for the extra sheets

Now go to question 2d

2d Low impact installations (installations only)

Are any of the regulated facilities low impact installations?

No ☒Yes ☐ If yes, tell us how you meet the conditions for a low impact installation. (See the guidance notes on part B2 – Appendix 1.)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 B2.)

No ☒Yes ☐ Tell us how you will do this, send us a copy of your explanation and tell us below the reference you have given this explanation.Document reference for the explanation **2f Multi-operator installation**

If the site is a multi-operator site (that is there is more than one operator of the installation) then fill in the table below the application reference for each of the other permits.

Table 1 – Other permit application references

3 Your ability as an operator

If you are only applying for a standalone water discharge or for a groundwater activity, you only have to fill in question 3d.

3a Relevant offences (for installations and waste operations only – see the guidance notes on part B2)

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

No ☒ Now go to question 3b

Yes ☐ Please give details below

Name of the relevant person

Title (Mr, Mrs, Miss and so on)

First name

Last name

Date of birth (DD/MM/YYYY)

Position at the time of the offence

Name of the court where the case was dealt with

Date of the conviction (DD/MM/YYYY)

Offence and penalty set

Date any appeal against the conviction will be heard

3 Your ability as an operator, continued

(DD/MM/YYYY)

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

Document reference of the extra sheet

Have you sent us a post conviction plan for this offence?

No ☐ You must send us a post conviction plan with this application and give us the document reference below

Document reference

Yes ☐ Please give us the reference for the post conviction plan you have sent and the date sent in

Post conviction plan reference

Date sent in (DD/MM/YYYY)

3b Technical ability (for specified waste management activities and waste operations only – see the guidance notes on part B2)

Please tick the scheme you are using to show you have the suitable technical skills and knowledge to manage your facility.

CIWM/WAMITAB



ESA/EU



Please send in a registration letter from your scheme as above



Now go to question 3c

3c Finances (for 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 ☒

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

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.

Give the document plan reference

Now go to question 3d

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.

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

No ☐

Yes ☒

What management system will you provide for your regulated facility?

- EC Eco-Management and Audit Scheme (EMAS) ☐
- ISO 14001 ☐
- BS 8555 (Phases 1–5) ☐
- Green Dragon ☐
- Own management system ☒

Please make sure you send us a summary of your management system with your application.

Document reference or references

SEE APPENDIX I

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 committee

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 Regulations 1999, or a safety report is needed under regulation 7 of those Regulations?

No ☐

Yes ☐

5 Planning status

For relevant waste operations, but not mobile plant operations, and relevant mining waste facilities only. If this does not apply to you, go to section 6.

Tick which situation applies to you (do not fill in this section if you are making an application for a mobile plant).

- I have planning permission ☒
- I have a certificate of lawful existing use or development ☐
- I have an established use certificate ☐
- The General Permitted Development Order 1995 applies ☐
- I do not need planning permission ☐ Please provide proof
- I have applied for planning permission but have not yet had a decision (You can still apply but we will not issue your permit until you can provide us with proof that you have got the permission you need) ☐

Name of the planning authority

ISLE of ANGLESEY County Council

Give us a copy of the relevant planning application or permission that shows that you have, or have applied for, appropriate planning for your proposed permit, including a plan showing the area covered by the planning application or permission.

Document reference of the application or permission

SEE APPENDIX C

6 Supporting information

6a Provide a plan or plans for the site (but not any mobile plant)

Mark the site boundary or discharge point, or both, in green – see the guidance notes on part B2.

Document reference or references of the plans

SUPPORTING INFORMATION - DRAWINGS

6b Provide the relevant sections of a site condition/baseline report if this applies (see the guidance notes on part B2 for what needs to be marked on the plan)

Document reference of the report

Not applicable.

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

☐

6c Provide a non-technical summary of your application (see the guidance notes on part B2)

Document reference of the summary

SEE APPENDIX D

7 Environmental risk assessment

Provide an assessment of the risks each of your proposed regulated facilities poses to the environment. The risk assessment must use H1 or an equivalent method.

Document reference for the assessment

SEE APPENDIX E

8 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 0300 065 3000 (Monday to Friday, 8am to 6pm)

Email: enquiries@naturalresourceswales.gov.uk / ymholiadau@cyfoethnaturiolcymru.gov.uk

Website: www.naturalresourceswales.gov.uk / www.cyfoethnaturiolcymru.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form?

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

☐

No thank you

☐

Plain English Campaign's Crystal Mark does not apply to appendix 1.**Appendix 1 – Low impact installation checklist (see the guidance notes on part B2)**

Installation reference			
Condition	Response		Do you meet this?
A – Management techniques	Provide references to show how your application meets A.		Yes ☐
	References		No ☐
B – Aqueous waste	Effluent created	m ³ /day	Yes ☐ No ☐
C – Abatement systems	Provide references to show how your application meets C.		Yes ☐ No ☐
	References		
D – Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?	Yes ☐ No ☐	Yes ☐ No ☐
E – Producing waste	Hazardous waste	Tonnes per year	Yes ☐ No ☐
	Non-hazardous waste	Tonnes per year	
F – Using energy	Peak energy consumption	MW	Yes ☐ No ☐
G – Preventing accidents	Do you have appropriate measures to prevent spills and major releases of liquids? (See 'How to comply'.)		Yes ☐ No ☐
	Provide references to show how your application meets G.		
	References		
H – Noise	Provide references to show how your application meets H.		Yes ☐ No ☐
	References		
I – Emissions of polluting substances	Provide references to show how your application meets I.		Yes ☐ No ☐
	References		
J – Odours	Provide references to show how your application meets J.		Yes ☐ No ☐
	References		
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 ☐ No ☐	

Application for an environmental permit

Part B4 – New bespoke waste operation permit



Fill in this part of the form, together with parts A, B2 and F1, if you are applying for a new bespoke permit for a waste operation. Please check that this is the latest version of the form available from our website.

Please read through this form and the guidance notes that came with it. All relevant guidance documents can be found on our website. Please write clearly in the answer spaces.

It will take less than three hours to fill in this part of the application form.

Contents

- 1 What waste operations are you applying for?
- 2 Emissions to air, water and land
- 3 Operating techniques
- 4 Monitoring
- 5 How to contact us
- Appendix 1 – Specific questions for waste facilities that accept clinical waste
- Appendix 2 – Specific questions for waste facilities that accept hazardous waste
- Appendix 3 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes
- Appendix 4 – Specific questions for inert landfills

1 What waste operations are you applying for?

Fill in Table 1a below with details of what you are applying for.

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

Document reference for the extra sheet

Types of waste accepted

For each line in Table 1a, fill in a separate document to list those wastes you will accept on the site for that operation. 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.

Table 1a – Waste operations which do not form part of an installation

Name of the waste operation	Description of the waste operation	Annex IIA or IIB (disposal and recovery) code and descriptions	Hazardous waste treatment capacity (if this applies). See note 1	Non-hazardous waste treatment capacity (if this applies). See note 1
Add extra rows if you need them. If you do not have enough room go to the line below or send a separate document and give us the document reference here	Use the description from the guidance. Include any extra detail that you think would help to accurately describe what you want to do			
For all waste operations	Total storage capacity (see note 2)			
	Annual throughput (tonnes each year)			

Notes

- 1 By ‘capacity’, we mean the total landfill capacity (cubic metres) for landfills, the total treatment capacity (tonnes each day) for waste treatment and the total storage capacity (tonnes) for waste storage operations.
- 2 By ‘total storage capacity’, we mean the maximum amount of waste in tonnes you store on the site at any one time.

1 What waste operations are you applying for?, continued

Please provide the document reference for each document. You can use Table 1b as a template.

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

Document reference for this document

Table 1b – Template example – types of waste accepted and restrictions

Waste code	Description of waste
Example 02 01 08* 06 01 02*	Example Agrochemical waste containing dangerous substances Hydrochloric acid

1c Deposit for recovery purposes (see guidance notes on part B4)

Are you applying for a waste recovery activity involving the permanent deposit on waste on land for construction or land reclamation?

No ☐

Yes ☐

Have we advised you during pre-application discussions that we believe the activity is waste recovery?

No ☐

Yes ☐

Have there been any changes to your proposal since this discussion?

No ☐

Yes ☐

You must send us a copy of your waste recovery plan that complies with Regulatory Guidance Note 13. You should highlight any changes made since our pre-application discussions and tell us below the reference you have given the copy of the justification.

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.

Fill in one table for each waste operation.

Table 2 – Emissions

Name of the waste operation				
Point source emissions to air				
Emission point reference and location	Source	Parameter	Quantity	Unit
Point source emissions to water (other than sewers)				
Emission point reference and location	Source	Parameter	Quantity	Unit

2 Emissions to air, water and land, continued

Point source emissions to sewers, effluent treatment plants or other transfers off site				
Emission point reference and location	Source	Parameter	Quantity	Unit
Point source emissions to land				
Emission point reference and location	Source	Parameter	Quantity	Unit

Supporting information**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 B2 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.

Table 3a – Technical standards

Fill in a separate table for each waste operation.

Name of waste operation		
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'	

3 Operating techniques, continued

In all cases, describe the type of facility or operation you are applying for and, if appropriate, use block diagrams to help describe the process. Provide the document references for the description.

Document reference for the description

3b General requirements

Fill in a separate Table 3b for each installation

Table 3b – General requirements

Name of the waste operation	
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

3c Information for specific sectors

For some of the sectors, we need more information to be able to set appropriate conditions in the permit. This is as well as the information you may provide in sections 5, 6 and 7. For those activities listed below, you must answer the questions in the related document.

Table 3c – Questions for specific sectors

Sector	Appendix
Clinical waste	See the questions in appendix 1
Disposing of and recovering hazardous waste	See the questions in appendix 2
Recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes	See the questions in appendix 3
Inert landfill	See the questions in appendix 4

General information

4 Monitoring

4a Describe the measures you use for monitoring 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 reference for this information

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 M1.

Document reference for the assessment

5 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 0300 065 3000 (Monday to Friday, 8am to 6pm)

Email: enquiries@naturalresourceswales.gov.uk / ymholiadau@cyfoethnaturiolcymru.gov.uk

Website: www.naturalresourceswales.gov.uk / www.cyfoethnaturiolcymru.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form?

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

☐

No thank you

☐

Plain English Campaign's Crystal Mark does not apply to appendices 1 to 4.

Appendix 1 – Specific questions for waste facilities that accept clinical waste

Note: If your procedures are fully in line with the standards set out in EPR5.07 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 installation or waste facility?

No ☐ Provide justification for departure from EPR 5.07 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 2.2 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 ☐ Provide justification for departure from EPR 5.07 and submit a copy of the procedures

Document reference

Yes ☐ Document reference

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 ☐ Provide justification for departure from EPR 5.07 and submit a copy of the procedures

Document reference

Yes ☐ Document reference

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 ☐ Provide justification for departure from EPR 5.07 and submit a copy of the procedures

Document reference

Yes ☐ Document reference

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 ☐

Yes ☐ Provide justification

Document reference

6 Please provide a summary description of the treatment activities undertaken on the waste facility. This should cover the general principles set out in section 2.1.4 of EPR S5.07

Document reference

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

Document reference

Appendix 2 – Specific questions for waste facilities that accept hazardous waste

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 waste facility?

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.

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 waste 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 reference

5 Provide a summary of the treatment activities carried out on the waste facility. This should cover the general principles set out in section 2.1.4 of SGN 5.06

Document reference

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 reference or 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 treatment (MBT) process over a 12 month period and in accordance with section 2 of TGN 6.15

Document reference

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 reference

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 reference

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 reference

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

Yes ☐

No ☐ 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?

Yes ☐

No ☐ 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.

We have developed templates for these four reports which can be found within H1 – Landfill Annex.

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

Document reference

Application for an environmental permit

Part F1 – Opra, charges and declarations



Fill in this part for all applications for installations, waste operations, mining waste operations and groundwater discharges onto land. Please check that this is the latest version of the form available from our website.

For applications for water discharge and point source groundwater discharge activities you need to fill in part F2 instead.

Please read through this form and the guidance notes that came with it. All relevant guidance documents can be found on our website. Please write clearly in the answer spaces.

It will take less than two hours to fill in this part of the application form.

Contents

- 1 Working out charges
- 2 Opra
- 3 Payment
- 4 The Data Protection Act 1998
- 5 Confidentiality and national security
- 6 Declaration
- 7 Application checklist
- 8 How to contact us
- 9 Where to send your application

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 either looking at the relevant standard rules permit page, the 'Making an application' webpage <http://www.environment-agency.gov.uk/business/topics/permitting/32318.aspx>, or the current environmental permitting charging scheme. This can be found on our guidance webpages. It sets out our charges under the Environmental Permitting Regulations 2013. Please remember that the charges are revised on 1 April each year and that there is an annual subsistence charge to cover the costs we incur in the ongoing regulation of the permit.

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	Summary of charges			
	Charge identifier	Number of facilities	Charge for each facility (£)	Charges due (£)
Tier 2 facilities (including Part A(2) and Part B; see guidance notes on part F1)				
Tier 3 facilities				
Total Opra charging score for installations		× charge multiplier		=
Total Opra charging score for waste operations		× charge multiplier		=
Total Opra charging score for mining waste facilities		× charge multiplier		=
Other charges				
Total charges due				

2 Opra (does not apply to standard facilities, any other tier 2 permit applications (e.g. groundwater land spreading activities), or water-discharge or groundwater point source discharge activities)

If you are submitting a bespoke application, you must include a completed electronic copy in Excel of the current Opra spreadsheet.

For variations, full and partial surrenders you will need to submit a copy of your current Opra profile based on your existing profile, not any 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.

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

☐

3 Payment

Tick below to show how you have paid.

Cheque

☐

Postal order

☐

Cash

☐ Tick below to confirm you are enclosing cash with the application

Credit or debit card

☐

Electronic transfer (for example, BACS)

☐ Remittance number
☐ Date paid (DD/MM/YYYY)

How to pay

Paying by cheque, postal order or cash

Cheque details

Cheque made payable to

Cheque number

Amount

£

You should make cheques or postal orders payable to Natural Resources Wales and make sure they have 'A/c Payee' written across them if it is not already printed on.

Please write the name of your company and application reference number on the back of your cheque or postal order.

We will not accept cheques with a future date on them.

We do not recommend sending cash through the post. If you cannot avoid this, please use a recorded delivery postal service and enclose your application reference details. Please tick the box below to confirm you are enclosing cash.

I have enclosed cash with my application

☐

Paying by credit or debit card

If you are paying by credit or debit card, either we can call you or you can fill in the separate form CC1 and enclose it with the application. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro card only.

Please call me to arrange payment by debit or debit card

☐

I have enclosed form CC1 with my application

☐

Paying by electronic transfer BACS reference

Applying for a permit in Wales?

If you choose to pay by electronic transfer and you are applying for a permit in the EA Wales region, you will need to use the following information to make your payment.

Company name: Natural Resources Wales

Company address: Income Dept., Cambria House, 29 Newport Road, Cardiff CF24 0TP

Bank: Citigroup Centre

Canada Square, London, E14 5LB

Sort code: 08-33-00

Account number: 12800578

Payment reference number: PSCAPPXXXXYYY

You need to create your own reference number. It should begin with PSCAPP (to reflect that the application is for a permitted activity) and it should include the first five letters of the company name (replacing the X's in the above reference number) and a unique numerical identifier (replacing the Y's in the above reference number). The reference number that you supply will appear on our bank statements.

3 Payment, continued

You should also email your payment details and a reference number to online@naturalresourceswales.gov.uk / arlein@cyfoethnaturiolcymru.gov.uk or fax it to 02920 466 404.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB48 CITI0833 0012 8005 78 and our SWIFTBIC number is CITI GB2LXXX.

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

Now read section 4 below.

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.

Now read section 5 below.

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.

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 ☐

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 Environment Agency website <http://www.environment-agency.gov.uk>.

You cannot apply for national security via this application.

Now go to section 6

6 Declaration

If you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2013.

A relevant person should make the declaration (see guidance notes on part F1). An agent acting on behalf of an applicant is NOT a relevant person.

Each individual (or individual trustee) who is applying for their name to appear on the permit must complete this declaration. You will have to print a separate copy of this page for each additional individual to complete.

If you are transferring all or part of your permit, both you and the person receiving the permit must make the declaration.

6 Declaration, continued

Note: If you are unable to trace one or more of the current permit holders please see below under the transfers declaration.

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.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

I confirm that my standard facility will fully meet the rules that I have applied for (this only applies if the application includes standard facilities)

☐

Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below

☐

Tick this box to confirm that you have no issue with us using information from any ecological survey that you have supplied with your application (for further information please see the guidance notes on part F1)

☐

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

on behalf of (if relevant; for example, a company or organisation and so on)

Position (if relevant; for example, in a company or organisation and so on)

Today's date (DD/MM/YYYY)

For transfers only – declaration for person receiving the permit

A relevant person should make the declaration (see guidance notes on part F1).

I declare that the information in this application to transfer an environmental permit to me 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.

Note: If you cannot trace a person or persons holding the permit you may be able to transfer the permit without their declaration as 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 deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

Tick this box to confirm that you understand and agree with the declaration above

☐

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

on behalf of (if relevant; for example, a company or organisation and so on)

Position (if relevant; for example, in a company or organisation and so on)

Today's date (DD/MM/YYYY)

Now go to section 7

The correct application fee under our charging scheme

☐ Tick the box to say you have included the fee

Document reference

[illegible]

8 How to contact us

General enquiries: 0300 065 3000 (Monday to Friday, 8am to 6pm)

Email: enquiries@naturalresourceswales.gov.uk / ymholiadau@cyfoethnaturiolcymru.gov.uk

Website: www.naturalresourceswales.gov.uk / www.cyfoethnaturiolcymru.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

9 Where to send your application (for how many copies to send see the guidance note on part F1)

Please send your filled in application form to:

Permit Receipt Centre (Cardiff)
Natural Resources Wales
29 Newport Road
Cambria House
Cardiff
CF24 0TP

Canolfan Derbyn Tryddedau
Ty Cambria
29 Heol Casnewydd
Caerdydd
CF24 0TP

Do you want all information to be sent to you by email?

Please tick this box if you wish to have all communication about this application sent via email (we will use the details provided in Part A) ☐

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form?

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please ☐

No thank you ☐



For Natural Resources Wales use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No ☐

Yes ☐

Amount received

£

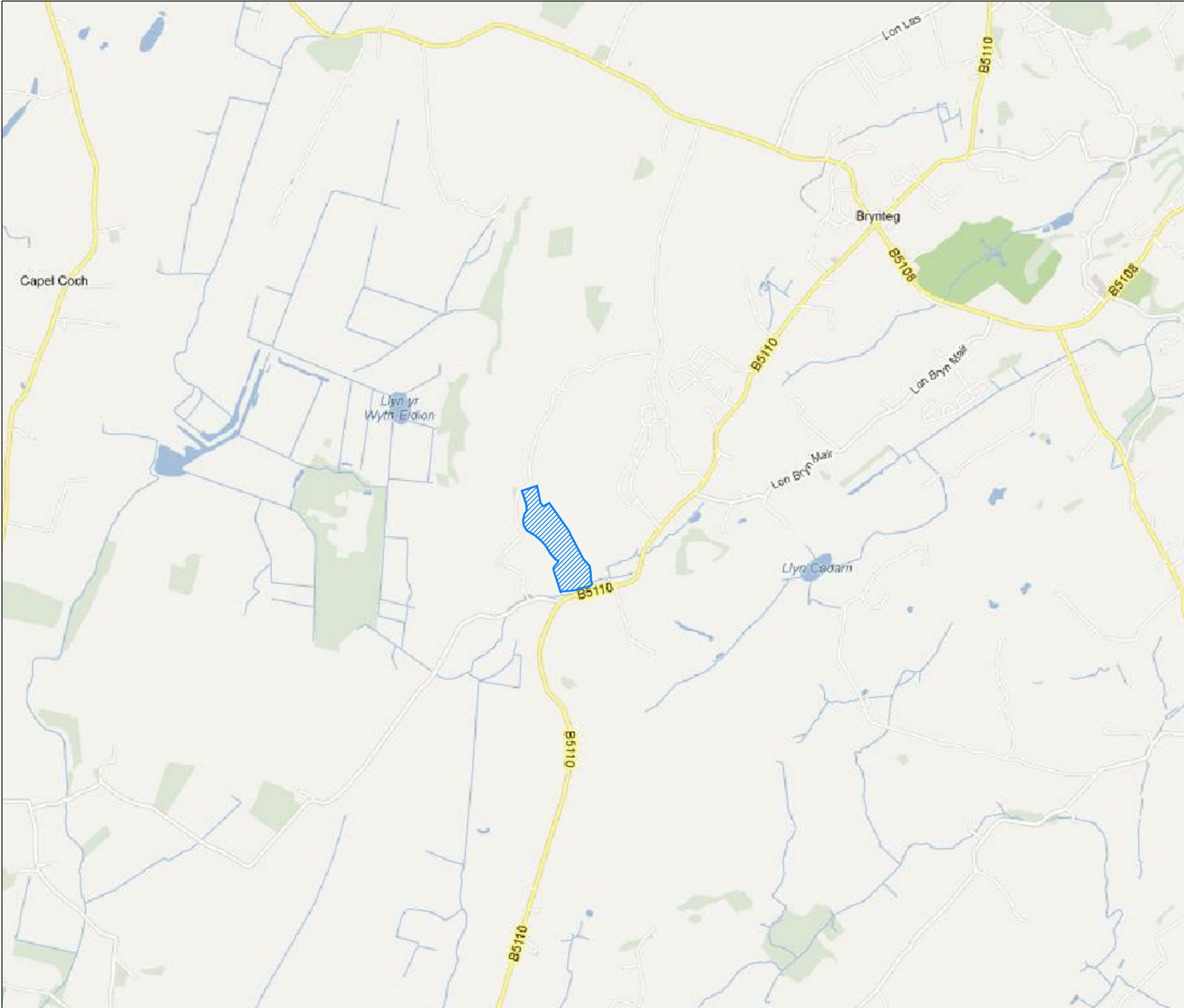
W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Drawings

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NOTES

1. KEY

— SITE BOUNDARY.

W.J OWEN & SONS

NANT NEWYDD
QUARRY

SITE LOCATION PLAN

DRAWN BY GOJR	DATE 05.10.2012	
CHECKED BY DM	SCALE © A3 NOT TO SCALE	
APPROVED BY PD	ISSUE -	REVISION -

DRAWING NUMBER
4706.PLAN.01

ENGINEERING
ENVIRONMENTAL
HEALTH & SAFETY



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NOTES

1. KEY

SITE BOUNDARY.

APPLICATION AREA (0.4ha).

W.J.OWEN & SONS

NANT NEWYDD QUARRY

SITE PLAN

DRAWN BY	GOJR	DATE	05.10.2012
CHECKED BY	DM	SCALE	A2 1:1250
APPROVED BY	PD	ISSUE	REVISION

DRAWING NUMBER

4706.PLAN.02

ENGINEERING ENVIRONMENTAL HEALTH & SAFETY

egniol

www.egniol.com

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix A – Reference Number List

Prior to the submission of this application, discussions were held with the Permitting Officer for Nant Newydd Quarry. Below is the list references supplied by Natural Resources Wales (NRW):

- NRW Reference – WPCC3723
- Site Reference – EAWML 900184
- Customer Reference – EPR-HB3890HV

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix B – Waste Operations

Part B4 – Table 1a – Waste Operations which do not form part of an installation

Name of Waste Operation	Description of Waste Operation	Annex IIA or Annex IIB (disposal and recovery) code and descriptions	Hazardous Waste treatment capacity (if this applies)	Non-hazardous Waste treatment capacity (if this applies)
Nant Newydd Quarry, Treatment of Waste Materials	Treatment of waste to produce soil, soils substitutes and aggregate	R13, R3 and R5	N/A	N/A
For all waste operations	Total storage capacity			40,000 tonnes
	Annual throughput (tonnes each year)			75,000 tonnes

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix C – Planning Approval



**CYNGOR SIR
YNYS MÔN
ISLE OF ANGLESEY
COUNTY COUNCIL**

Mr Gwilym Owen
c/o Mr Dermot McGee
Egniol Environmental Ltd
Tre Felin
Bangor
Gwynedd
LL57 4LH

Annwyl Syr/Madam,

DEDDF CYNLLUNIO GWLAD A THREF 1990

RHYBUDD PENDERFYNIAD

Darllenwch yr amodau isod yn ofalus iawn rhag ofn, o fethu cydymffurfio a nhw, y bydd hynny'n gwneud eich caniatad cynllunio'n annilys.

**Cais llawn ar gyfer canolfan ailgylchu anadweithiol yn / Full application for an inert recycling centre
at
Nant Newydd Quarry, Brynteg**

Mae eich cais wedi cael ei ystyried gan y Cyngor yn unol a'i awdurdod dan y Ddeddf uchod, a rhoddyd **CANIATÂD** gyda'r amodau canlynol:-

(01) Rhaid cychwyn y gwaith y cyfeiria'r caniatâd hwn ato o fewn 5 mlynedd o ddyddiad y caniatâd.

Rheswm: I gydymffurfio â gofynion Deddf Cynllunio Gwlad a Thref 1990.

(02) Oni bai fod amod cynllunio yn gofyn am hynny, neu fod cytundeb ysgrifenedig gyda'r awdurdod cynllunio mwynau a gwastraff. Rhaid i'r datblygiad gael ei wneud yn hollol unol â'r cynlluniau a'r manylion a dderbyniwyd ar y 30ain Hydref 2012 ac unrhyw fanylion eraill a gymeradwywyd wedi hynny mewn ysgrifen gan yr awdurdod cynllunio mwynau a gwastraff.

Rheswm: Er mwyn gofalu y datblygir y safle'n briodol ac er budd mwynderau gweledol yr ardal

JIM WOODCOCK

Pennaeth Gwasanaeth Cynllunio
Head of Planning Service
CYNGOR SIR YNYS MÔN
ISLE OF ANGLESEY COUNTY COUNCIL
Swyddfa'r Sir
LLANGEFNI
Ynys Môn / Anglesey
LL77 7TW
☎(01248) 752428 Fax: (01248) 752430

Gofynnwch am/Ask for: **Mwynau a Gwastraff - Gogledd Cymru**

☎
e-mail:

Cais Rhif / App. No. **26C14H**

Dear Sir/Madam,

TOWN AND COUNTRY PLANNING ACT 1990

NOTICE OF DECISION

Please read the conditions listed below carefully as failure to comply may invalidate your planning permission.

Your application has been considered by the Council in pursuance of its powers under the above mentioned Act and permission has been **APPROVED** subject to the following conditions:-

(01) The development to which this permission relates shall be begun before the expiration of 5 years beginning with the date of this permission.

Reason: To comply with the requirements of the Town and Country Planning Act 1990.

(02) Unless otherwise required by planning condition or agreed in writing by the mineral and waste planning authority the development shall be carried out in accordance with the, plans and details received with the application dated 30th October 2012 and such other details as may subsequently be approved in writing by the minerals and waste planning authority.

Reason: To secure the proper development of the site and in the interests of the visual amenities of the area

(03) Cymerir camau priodol digonol i sicrhau fod y safle yn cael ei gynnal mewn cyflwr i fodlonrwydd yr awdurdod cynllunio mwynau a gwastraff.

Rheswm: Er mwyn gofalu y datblygir y safle'n briodol ac er budd mwynderau gweledol yr ardal

(04) Ac eithrio gyda chaniatâd ysgrifenedig ymlaen llaw gan yr awdurdod cynllunio mwynau a gwastraff, ni chaniateir unrhyw waith a awdurdodwyd neu sy'n ofynnol dan y caniatâd hwn, sy'n golygu rhedeg peiriannau, prosesu gwastraff na allforio'r cynnyrch a broseswyd ar wahân i'r oriau rhwng:

**08.00 a 18.00 hrs o Ddydd Llun i Ddydd Gwener
08.30 a 13.00hrs Dydd Sadwrn
Dim o gwbl ar y Sul a Gwyliau'r Banc.**

Rheswm: Er lles mwynderau lleol a thrigolion cyfagos.

(05) Ni chaniateir unrhyw waith ar y safle fydd yn cyfrannu i greu llwch ffo. Yn ystod cyfnodau sych a/neu wyntog neu amgylchiadau ffafriol i greu llwch ar y safle fe fydd yn rhaid dyfrio pob ardal lle bydd cerbydau yn teithio.

Rheswm: Er lles mwynderau lleol a thrigolion cyfagos.

(06) Ni chaniateir rhagori'r ffigyrau canlynol mewn perthynas â'r nifer o deithiau lori HGV (Cerbydau dros 7.5 tonnau pwysau gros) fydd yn dychwelyd i'r ganolfan ailgylchu:

**4 yr awr
Neu 32 y dydd**

Rheswm: Er mwyn diogelwch y briffordd a diogelu mwynderau'r ardal

(07) Ni chaniateir i gerbydau adael y safle mewn cyflwr fydd yn peri i fwd, llwch neu unrhyw ddeunydd arall gael ei waddodi ar y briffordd

Rheswm: Er mwyn diogelwch y briffordd a diogelu mwynderau'r ardal

(08) Bydd yn rhaid i bob cerbyd, offer a pheiriant sydd yn cael ei weithredu o fewn y safle gael ei gynnal yn unol â manylion y gwneuthurwr drwy'r adeg, gan hefyd gael eu gosod â thawelyddion effeithiol.

Rheswm: I leihau aflonyddwch sydd yn gysylltiedig â'r gweithgaredd ac osgoi poendod i'r gymuned leol

(03) Appropriate measures shall be taken to ensure that the site is maintained to the satisfaction of the mineral and waste planning authority.

Reason: To secure the proper development of the site and in the interests of the visual amenities of the area

(04) Except with the prior written agreement of the minerals and waste planning authority, no operations authorised or required by this permission involving the operation of plant, the processing of inert waste material, the exportation of processed material shall be carried out other than between the hours of:

**08.00 to 18.00 hrs Monday to Fridays
08.30 to 13.00 Saturdays
Not at all on Sundays and Bank Holidays**

Reason: In the interests of local amenity and local residents

(05) No operations on the site shall be undertaken in such a manner as to cause the raising of fugitive dust. During dry and/or windy conditions or conditions that may cause the raising of dust on site all areas traversed by vehicles shall be watered.

Reason: In the interests of local amenity and local residents

(06) The number of return Heavy Goods Vehicle (vehicles in excess of 7.5 tonnes gross weight) loads in respect of the recycling centre shall not exceed the following limits:

**4 per hour
Or 32 per day**

Reason: In the interests of highway safety and safeguarding the amenity of the residents of the local area.

(07) Vehicles shall not be permitted to leave the site in such a condition as to deposit mud, dust and other materials onto the highway

Reason: In the interests of highway safety and safeguard the amenities of the area.

(08) All vehicles, plant and machinery operated within the site shall be maintained in accordance with the manufacturer's specification at all times, and shall be fitted with and use effective silencers.

Reason: To ensure minimum disturbance from operations and avoidance of nuisance to the local community

(09) Dim ond gwastraff anadweithiol a gaiff ei ddyddodi a'i brosesu ar y safle. I osgoi amheuaeth dylid diffinio gwastraff derbyniol yn unol â Chatalog Gwastraff Ewropeaidd (diwygiedig).

Rheswm: Byddai deunydd gwastraff arall yn codi ystyriaethau amgylcheddol a mwynder fyddai'n rhaid ei hystyried o'r newydd.

Mae'r cynllun datblygu ar gyfer Ynys Môn yn cynnwys Cynllun Fframwaith Gwynedd (1993), Cynllun Lleol Ynys Môn (1996) a'r Cynllun Datblygu Unedol a ddaeth i ben. 'Roedd y polisiau canlynol yn berthnasol i'r sylw a roddwyd i'r cais hwn: Polisiau 1 a 29 o Cynllun Lleol Ynys Môn, Polisiau GP1, WP5 a WP7 o Cynllun Datblygu Unedol a Stopiwyd, Polisiau D18 o Cynllun Fframwaith Gwynedd.

(09) Nothing other than inert waste material shall be deposited and treated at the site. The definition of acceptable wastes should be related to the European Waste Catalogue (as amended).

Reason: Other waste materials raise environmental and amenity issues that would require consideration afresh.

The development plan covering Anglesey consists of the Gwynedd Structure Plan (1993), the Ynys Môn Local Plan (1996) and the stopped Ynys Môn Unitary Development Plan. The following policies were relevant to the consideration of this application: Policies 1 and 29 of the Ynys Môn Local Plan, Policies GP1, WP5 and WP7 of the Stopped Unitary Development Plan, Policies D18 of the Gwynedd Structure Plan.

DYDDIAD Y PENDERFYNIAD **23/01/2013** DATE OF DECISION

Yr eiddoch yn gywir / Yours faithfully



JIM WOODCOCK

PENNAETH GWASANAETH CYNLLUNIO / HEAD OF PLANNING SERVICE

PP

NODIADAU - CANIATAD CYNLLUNIO	NOTES - PLANNING APPROVAL
(1) Oni cychwynnir ar y datblygiad o fewn y cyfnod hwnnw a nodir yn yr adroddiad yna bydd y caniatad hwn yn peidio a bod. Pe cychwynnid ar y datblygiad o fewn y cyfnod hwnnw ond bod y cyfnod yn dod i ben cyn i'r datblygiad gael ei gwblhau yna gall yr awdurdod cynllunio lleol, wedi iddo dderbyn cadarnhad y Cynulliad Cenedlaethol Cymru (Y Cynulliad Cenedlaethol), gyflwyno dan Adran 94 Deddf Cynllunio Gwlad a Thref 1990 rybudd yn mynnu fod y datblygiad yn cael ei gwblhau o fewn cyfnod penodol. (2) Petai'r ymgeisydd wedi ei dramgwyddo gan benderfyniad yr awdurdod cynllunio lleol i wrthod caniatad neu gymeradwyaeth i'r datblygiad arfaethedig, neu i roddi caniatad neu gymeradwyaeth boed gydag amodau ai peidio, yna gall apelio at y Cynulliad Cenedlaethol yn unol ag Adran 78 Deddf Cynllunio Gwlad a Thref 1990 cyn pen chwe mis i ddyddiad derbyn y rhybudd hwn. (Rhaid cyflwyno pob apel ar ffurflen fydd ar gael yn y Cynulliad Cenedlaethol) Mae hawl gan y Cynulliad Cenedlaethol i ganiatau cyfnod hwn ar gyfer cyflwyno rhybudd apel ond, fel arfer, ni fyddent yn fodlon manteisio ar yr hawl hon oni bai bod yna amgylchiadau arbennig yn cyfiawnhau oedi wrth gyflwyno rhybudd apel. Nid oes raid i'r Cynulliad Cenedlaethol ystryied apel petai'n ymddangos iddynt ef nad oedd modd i'r awdurdod cynllunio lleol roddi caniatad i'r datblygiad arfaethedig neu'n ymddangos nad oedd modd iddo roddi caniatad mewn unrhyw fodd ac eithrio gyda'r amodau hynny y mynnodd arnynt yn wyneb y gofynion statudol, darpariaethau'r gorchymyn datblygu ac unrhyw gyfarwyddiadau a roed dan y gorchymyn. Fel arfer nid yw'n gwrthod ystyried apel am yr unig reswm fod penderfyniad awdurdod cynllunio lleol yn seiliedig ar y gyfarwyddyd o'i eiddo ei hun. (3) Petai caniatad i ddatblygu tir yn cael ei wrthod neu'n cael ei ganiatau gydag amodau, boed gan yr awdurdod cynllunio lleol neu gan Cynulliad Cenedlaethol a pherchennog y tir yn dal nad oedd, bellach, fodd gwneud defnydd llesiaannol o fewn rheswm ohono yn ei gyflwr presennol a chwaith dim modd trefnu i wneud defnydd llesiaannol o fewn rheswm ohono oherwydd ymgymryd ag unrhyw ddatblygiad sydd naill ei wedi neu'n mynd i gael ei ganiatau yna gall gyflwyno i'r Cyngor Cyffredin neu i Gyngor y dosbarth lle saif y tir, yn ol fel y bo'r amgylchiadau, rybudd prynu yn mynnu fod y Cyngor hwnnw'n prynu ei fud ef yn y tir yn unol a darpariaethau Adran 137 Deddf Cynllunio Gwlad a Thref 1990.	(1) If the development is not begun within the period specified in the conditions this permission will lapse. If the development is begun within that period but the period elapses without it having been completed the local planning authority may, subject to confirmation by the National Assembly for Wales (the National Assembly), serve under Section 94 of the Town and Country Planning Act 1990 a notice requiring it to be completed within a specific period. (2) If the applicant is aggrieved by the decision of the local planning authority to refuse permission or to approve subject to the conditions, he may appeal to the National Assembly in accordance with Section 78 of the Town and Country Planning Act 1990 within six months of receipt of this notice. (Appeals must be made on a form which is obtainable from the National Assembly) The National Assembly has power to allow a longer period for the giving of a notice of appeal but they will not normally be prepared to exercise this power unless there are special circumstances which excuse the delay in giving notice of appeal. The National Assembly is not required to entertain an appeal if it appears to them that permission for the proposed development could not have been granted by the local planning authority, or could not have been so granted otherwise than subject to the conditions imposed by them, having regard to the statutory requirements to the provisions of the development order, and to any directions given under the order. They do not in practice refuse to entertain appeal solely because the decision of the local planning authority was based on a direction given by them. (3) If permission to develop land is refused or granted subject to conditions, whether by the local planning authority or by the National Assembly and the owner of the land claims that the land has become incapable of reasonable beneficial use by the carrying out of any development which has been or would be permitted, he may serve on the Council of the district in which the land is situated, as the case may be, a purchase notice requiring that council to purchase his interest in the land in accordance with the provisions of Section 137 of the Town and Country Planning Act 1990.

(4) Dan amgylchiadau arbennig mae'n bosib y cyflwynid cais yn erbyn awdurdod cynllunio lleol am iawndal pen fo caniatad yn cael ei wrthod neu'n cael ei roddi gydag amodau gan y Cynulliad Cenedlaethol ar apel neu ar ol trosglwyddo'r cais iddo ef. Mae'r amgylchiadau hynny y mae'n briodol talu'r cyfryw iawndal danynt yn cael eu cyflwyno yn Adran 120 Deddf Cynllunio Gwlad aThref 1990. (5) Petaech, rywbyrd yn y dyfodol, yn dymuno cael estyniad i gyfnod y caniatad hwn rhaid cyflwyno cais i'r pwrpas hwnnw i'r Cyngor cyn diwedd y cyfnod. (6) Ar bob gohebiaeth fydd yn ymwneud a'r cais hwn yn y dyfodol gofynnir i chwi ddefnyddu'r rhif hwnnw sy'n ymddangos ar gongl dde uchaf y ffurflen hon. (7) Caniatâd cynllunio'n unig yw hwn ac efallai y bydd yn rhaid wrth ganiatâd dan y Rheolau Adeiladu neu deddfwriaeth arall cyn gweithredu at y datblygiad; yn arbennig os oes bwriad i gael grant tuag at y costau gwella a/neu addasu dan Ddeddf Grantiau Tai, Adeiladwriad ac Adfywio 1979 yna rhaid cyflwyno cais i'r awdurdod lleol a chael ei ganiatâd cyn cychwyn ar y gwaith. (8) Gair i atgoffa'r ymgeisydd nad yw caniatâd cynllunio'n hodd i iddo'r hawl i greu rhwystr ar drawshawl dramwy. Petai rhaid cau neu wro llwybr tored neu lwybr marchogaeth fel y gellid ymgymryd a'r datblygiad yna rhaid iddo, ar ol derbyn caniatâd cynllunio ymgeisio heb oedi i'r awdurdod cynllunio lleol am orchymyn dan Adran 257 Deddf Cynllunio Gwlad a Thref 1990. Yn achos unrhyw hawl dramwy arall rhaid cyflwyno cais i'r Ysgrifenydd Gwladol am Orchymyn Dan Adran 247 y Ddeddf. Yn y naill achos neu'r llall ni chaniateir cychwyn gweithio ar y datblygiad hyd oni fydd penderfyniad wedi ei wneud ar y cais.	(4) In certain circumstances may be made against the local planning authority for compensation, where permission is refused or granted subject to conditions by the National Assembly on appeal or on a reference of the application to him. The circumstances in which such compensation is payable are set out in section 120 of the Town and Country Planning Act 1990. (5) If at a later date an extension of the period of this permission is desired, and application for that purpose should be made to the Council before the expiration of the period (6) Further correspondence regarding this application should bear the reference number quoted in the top right-hand corner of this form. (7) This is a planning permission only, and it may be necessary to obtain permission under the Building Regulations or under any other legislation before the particular development is carried out, in particular, if it is desired to obtain a grant towards the cost of improvement and/or conversion under the Housing Grants, construction and Regeneration Act 1996, an application must be made to the local authority, and their approval obtained, before the work is commenced (8) The applicant is reminded that the granting of planning permission does not entitle him to obstruct a right of way. If it is necessary to stop up or divert a footpath or bridle way in order to enable the development to be carried out, he should, on receipt of planning permission apply without delay to the local planning authority for an order under Section 257 of the Town and Country Planning Act 1990. In the case of any other right of way application should be made to the Secretary of State for an order under Section 247 of the Act. In either case development should not be started until a decision has been taken on the application
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**RHEOLAU ADEILADAU
2000**

**BUILDING REGULATIONS
2000**

Dygir eich sylw at y ffaith y byddwch, efallai, angen caniatad dan Reoliadau Cynllunio 2000 ar gyfer y datblygiad arfaethedig. Fe'ch cynghorir felly i sicio gydag Adain Rheoli Adeiladu yr Adran hon cyn cychwyn unrhyw waith datblygu. Y rhif cyswllt ydy 01248 752224.

Your attention is drawn to the fact that the development you propose to carry out may also require approval under the Building Regulations 2000. You are therefore, advised to check with the Building Control Section of this Department before you commence development. The contact number is 01248 752224.

**DEDDF ADEILADAU 1984
RHEOLAU ADEILADAU 2000**

**THE BUILDING ACT 1984
BUILDING REGULATIONS 2000**

RHAN II - RHEOLI 3

PART II - REGULATION 3

Bydd unrhyw berson sy'n bwriadu:

Any person who intends to:

- a) codi adeilad;
- b) gwneud unrhyw newidiadau strwythurol i adeilad neu i ymestyn;
- c) gwneud unrhyw newid sylweddol i ddefnydd adeilad (hyd yn oed os nad oes bwriad i wneud gwaith altro, gwella neu ymestyn);
- ch) gwneud gwaith altro sylweddol ar adeilad neu wasanaeth a reolir neu ffitiad;
- d) rhoddi deunydd inswleiddio rhwng dwy wal mewn adeilad;
- dd) gwneud unrhyw waith ar sylfeini adeilad;

- a) erect a building;
- b) make any structural alterations or extension to a building;
- c) make any material change of use to a building (even if alterations, improvements or extensions are not anticipated);
- d) carry out material alteration to a building or a controlled service or fitting;
- e) insert insulating material into the cavity wall of a building;
- f) carry out works involving the underpinning of a building;

yn gorfod cyflwyno rhybudd Adeiladu i'r Awdurdod Lleol yn unol a Rheoliad 12 neu gyflwyno cynlluniau llawn i'r Awdurdod Lleol yn unol a Rheoliad 13 cyn cychwyn unrhyw waith.

shall give Building Notice to the Local Authority in accordance with Regulation 12 or deposit full plans with the Local Authority in accordance with Regulation 13 prior to any works being commenced.

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix D – Non Technical Summary

Non-Technical Summary

W J Owen & Sons (WJO) of Nant Newydd Quarry (the Site) conduct inert waste land filling under permit number RP3337SE (issued 30th March 2007).

The Site is located off the B5110, approximately 2km south-west of Brynteg, on the Isle of Anglesey. It is a limestone quarry, where historically, Carboniferous Limestone has been extracted.

The area surrounding the site is rural in character, with agricultural fields found off its western, northern and eastern boundaries. The site is bound to the south by the B5110. Bodgynda Farm lies approximately 150m west of the site, Nant Uchaf approximately 300m to the north and Nant Newydd Farm and caravan park approximately 250m to the east. Tyn Y Lon is approximately 200m south of the site off the opposite side of the B5110.

Cors Erddreiniog is located to the west, its closest point to the site being approximately 200m away. The area of Cors Erddreiniog is a designated Site of Special Scientific Interest (SSSI), a Special Area of Conservation (SAC) and a Ramsar site.

For commercial reasons WJO are looking to undertake the import to site of inert wastes for the purposes of treatment and processing to produce soil, soil substitutes and aggregates with the materials produced then being exported from site. The proposed location for the processing operation is shown on drawing references 4706.PLAN.01 and 4706.PLAN.02 as enclosed.

In order to undertake this work WJO are applying for a Tier 2 Bespoke Permit. Standard Rules Permit SR2010 No. 12 – Treatment of waste to produce soil, soil substitutes and aggregate was considered, however the Site is within 500 metres of the Cors Erddreiniog SSSI/RAMSAR/SAC site, and therefore the standard rules cannot be applied.

The proposed operation at the Site has been risk assessed to have a low impact upon the Cors Erddreiniog area.

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix E – Environmental Risk Assessment

Generic risk assessment for draft standard rules set number SR2010No12 v 2.0

Standard Facility:	Waste Operation: Treatment of waste to produce soil, soilsubstitutes and aggregate
Location:	Nant Newydd Quarry, Anglesey
Location of environmentally sensitive sites (km / m):	Approximately 200m
Risk assessment carried out by:	Egniol Environmental Ltd.
Date:	29-Jun-15

The scope of the permit and associated rules is defined by the following risk criteria:

- Parameter 1 Permitted activities - The storage of waste (R13) and treatment to produce soil, soil substitutes roadstone and aggregate(R3,R5).
- Parameter 2 Permitted waste types - Non Hazardous as listed in rules other than waste consisting solely or mainly of dusts, powders or loose fibres or waste in liquid form
- Parameter 3 Quantity of waste accepted at the facility: <75,000 tonnes per annum.
- Parameter 4 The activities shall not be carried out within an Air Quality Management Area (AQMA) designated for particulate matter in the form of PM10.
- Parameter 5 The only point source discharges to controlled waters or groundwater, are surface water from the roofs of buildings and from areas of the facility not used for the storage or treatment of wastes.
- Parameter 6 The activities will be carried out within 500m of a European Site (candidate or Special Area of Conservation, proposed or Special Protection Area or Ramsar site) or a Site of Special Scientific Interest (SSSI). The site in question is Cors Erddreiniog SSSI, RAMSAR and SAC which is a large wetland nature reserve located approximately 200m to the west of the site at its closest point. No activities will be undertaken within 50 metres of site that has relevant species of habitats protected under the Biodiversity Action Plan that Natural Resources Wales considers at risk to this activity; 50 metres of a National Nature Reserve (NNR), Local Nature Reserve (LNR), Local Wildlife Site (LWS), Ancient Woodland or Scheduled Ancient Monument.
- Parameter 7 The activities will not be carried out within 250m of the presence of great crested newts where it is linked to the breeding ponds of the newts by good habitat.
- Parameter 8 The activities are outside groundwater source protection zones 1 (inner) or 2 (Outer) and will be 50 metres from any spring or well, or of any borehole not used to supply water for domestic or food production purposes or 50 metres from any spring, well or any borehole used for the supply of water for human consumption. This must include private water supplies.

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).

Appendix E - Risk Assessment

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population	Releases of particulate matter (dusts) and micro-organisms (bioaerosols).	Harm to human health - respiratory irritation and illness.	Air transport then inhalation.	Medium	Medium	Medium	Permitted waste types are predominantly inert and have a low potential to produce bioaerosols, but the treatment activities will produce particulate matter so a medium magnitude risk is estimated. The permitted level of throughput and potential size of the facility means there is potential for exposure if anyone is living or working close to the site (apart from the operator and employees). There is potential for increased dust generation from permitted activities during prolonged dry periods e.g. summer months.	Emissions of substances not controlled by emission limits (excluding odour and noise) shall not cause pollution. The operator shall not be taken to have breached this rule if appropriate measures, have been taken to prevent or where that is not practicable, to minimise, those emissions.	Low
Local human population	As above	Nuisance - dust on cars, clothing etc.	Air transport then deposition	Medium	Low	Medium	As above. Local residents often sensitive to dust.	As above	Low
Local human population, livestock and wildlife.	Litter	Nuisance, loss of amenity and harm to animal health	Air transport then deposition	Low	Low	Low	Local residents often sensitive to litter, however permitted waste types have low litter potential.	As above. Appropriate measures could include clearing litter arising from the activities from affected areas outside the site.	Very low
Local human population	Waste, litter and mud on local roads	Nuisance, loss of amenity, road traffic accidents.	Vehicles entering and leaving site.	Medium	Medium	Medium	Road safety, local residents often sensitive to mud on roads.	As above. Appropriate measures could include clearing waste, litter and mud arising from the activities from affected areas outside the site.	Low
Local human population	Odour	Nuisance, loss of amenity	Air transport then inhalation.	Low	Low	Low	Local residents often sensitive to odour, however permitted waste types have low odour potential.	Emissions shall be free from odour.	Very low
Local human population	Noise and vibration	Nuisance, loss of amenity, loss of sleep.	Noise through the air and vibration through the ground.	Medium	Medium	Medium	Local residents often sensitive to noise and vibration	Emissions shall be free from noise and vibration.	Low

Appendix E - Risk Assessment

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population	Scavenging animals and scavenging birds	Harm to human health - from waste carried off site and faeces. Nuisance and loss of amenity.	Air transport and over land	Low	Medium	Low	Permitted wastes unlikely to attract scavenging animals and birds but may become nesting / breeding sites.	Emissions of substances not controlled by emission limits (excluding odour and noise) shall not cause pollution. The operator shall not be taken to have breached this rule if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.	Very low
Local human population	Pests (e.g. flies)	Harm to human health, nuisance, loss of amenity	Air transport and over land	Low	Medium	Low	Permitted waste types unlikely to attract pests.	As above	Very low
Local human population and local environment	Flooding of site	If waste is washed off site it may contaminate buildings / gardens / natural habitats downstream.	Flood waters	Low	Low	Low	Permitted waste types are predominantly inert so any waste washed off site will add to the volume of the local post-flood clean up workload, rather than the hazard.	Permit requires a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances (will include flood risk management).	Very low
Local human population and / or livestock after gaining unauthorised access to the waste operation	All on-site hazards: wastes; machinery and vehicles.	Bodily injury	Direct physical contact	Medium	Low	Low	Permitted waste types are inert therefore only a low magnitude risk is estimated	Activities shall be managed and operated in accordance with a management system (will include site security measures to prevent unauthorised access).	Low

Appendix E - Risk Assessment

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population and local environment.	Arson and / or vandalism causing the release of polluting materials to air (smoke or fumes), water or land.	Respiratory irritation, illness and nuisance to local population. Injury to staff, fire fighters or arsonists/vandals. Pollution of water or land.	Air transport of smoke. Spillages and contaminated firewater by direct run-off from site and via surface water drains and ditches.	Medium	Low	Low	Permitted waste types do not include any flammable materials so a low magnitude risk is estimated.	As above, permit requires a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances (will include fire and spillages).	Low
Local human population and local environment	Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land.	Respiratory irritation, illness and nuisance to local population. Injury to staff or fire fighters. Pollution of water or land.	As above.	Medium	Low	Low	As above.	As above (excluding comments on access to waste). Permitted activities do not include the burning of waste.	Low
All surface waters close to and downstream of site.	Spillage of liquids, leachate from waste, contaminated rainwater run-off from waste e.g. containing suspended solids.	Acute effects: oxygen depletion, fish kill and algal blooms	Direct run-off from site across ground surface, via surface water drains, ditches etc.	Low	Low	Low	No point source emissions to water are permitted, but there is potential for contaminated rainwater run-off from wastes stored outside buildings especially during heavy rain.	All liquids shall be provided with secondary containment (applies to non- wastes such as fuels). Appropriate measures will be taken to prevent of where that is not practicable, to minimise, those emissions.	Very low
All surface waters close to and downstream of site.	As above	Chronic effects: deterioration of water quality	As above. Indirect run-off via the soil layer	Low	Low	Low	Waste types are non-hazardous and inert so harm is likely to be temporary and reversible.	As above	Very low

Appendix E - Risk Assessment

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Abstraction from watercourse downstream of facility (for agricultural or potable use).	As above	Acute effects, closure of abstraction intakes.	Direct run-off from site across ground surface, via surface water drains, ditches etc. then abstraction.	Low	Low	Low	Watercourse must have medium / high flow for abstraction to be permitted, which will dilute contaminated run-off.	As above. Also activities must be 50 metres from any spring or well, or from any borehole not used to supply water for domestic or food production purposes or 50m from any spring or well or any borehole used for the supply of water for human consumption. This must include private water supplies	Very low

Appendix E - Risk Assessment

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Groundwater	As above	Chronic effects: contamination of groundwater, requiring treatment of water or closure of borehole.	Transport through soil/groundwater then extraction at borehole.	Low	Low	Low	Permitted wastes unlikely to contaminate groundwater.	As above. The activities are outside groundwater source protection zones 1 (inner) and 2 (outer). Imported wastes from potentially contaminated sources require analysis. Total quantity limited to 75,000 tonnes per annum.	Very low
Local human population	Contaminated waters used for recreational purposes	Harm to human health - skin damage or gastro-intestinal illness.	Direct contact or ingestion	Low	Medium	Low	Unlikely to occur, but might restrict recreational use.	Emissions of substances not controlled by emission limits (excluding odour and noise) shall not cause pollution. The operator shall not be taken to have breached this rule if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.	Very low
Protected sites - European sites and SSSIs	Any	Harm to protected site through toxic contamination, nutrient enrichment, smothering, disturbance, predation etc.	Any	Low	Medium	Low	Unlikely to occur due to distance of greater than 200m from the site and the type of SSSI/RAMSAR/SAC site (Cors Erddreiniog)	Emissions of substances not controlled by emission limits (excluding odour and noise) shall not cause pollution. The operator shall not be taken to have breached this rule if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.	Low

Notes: Red triangle indicates comment containing supporting information

Yellow columns contain drop down menus that allow automatic evaluation of risk in green column

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix F – Waste List

Table 1 - Waste List – Maximum of 40,000 tonnes to be stored on site at any one time, with a maximum of 75,000 tonnes to be processed per year.

Exclusions:	
Wastes having any of the following characteristics shall not be accepted:	
• Consisting solely or mainly of dusts, powders or loose fibres • Hazardous wastes • Wastes in liquid form	
Waste Code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
02 02	waste from preparation and processing of meat, fish and other foods of animal origin
02 02 02	shellfish shells from which the soft tissue or flesh has been removed 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 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
10	WASTES FROM THERMAL PROCESSES
10 01	waste from power stations and other combustion plants
10 01 01	bottom ash and slag only
10 01 02	pulverised fuel ash only
10 01 05	gypsum (solid) only
10 01 07	gypsum (sludge) only
10 01 15	bottom ash and slag only from co-incineration other than those mentioned in 10 01 14
10 11	wastes from manufacture of glass and glass products
10 11 12	clean glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, brick, stiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products(after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster products and articles and products made from them
10 13 14	waste concrete only
15	WASTE PACKAGING
15 01	packaging
15 01 07	clean glass only
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic

17 02 02	clean glass only
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	road base and road planings (other than those containing coal tar) only
17 05	soil (including excavated soil from contaminated sites) stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 08	gypsum based construction material
17 08 02	gypsum only other than that mentioned in 17 08 01
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION / INDUSTRIAL WASTE
19 05	wastes from aerobic treatment of solid waste
19 05 03	compost from source segregated biodegradable waste only
19 08	wastes from waste water treatment plants not otherwise specified
19 08 02	washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	stone filter media if free from sewage contamination only
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	sludges from water clarification
19 12	wastes from the mechanical treatment of wastes
19 12 05	clean glass only
19 12 09	minerals (for example sand, stones)
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions
20 01 02	clean glass only
20 02	garden and park wastes
20 02 02	soil and stones

Table 2 – Wastes where storage on site is not to exceed 10,000 tonnes (in total) at any one time.

Waste Code	Description
03 01 01	waste bark and cork
03 03 01	waste bark and wood
10 01 01	bottom ash and slag only
10 01 05	gypsum (solid) only
10 01 07	gypsum (sludge) only
10 01 15	bottom ash and slag only from co-incineration other than those mentioned in 10 01 14
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 08 02	gypsum only other than that mentioned in 17 08 01
19 05 03	compost from source segregated biodegradable waste only
19 09 02	sludges from water clarification

19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix G – Existing Site Permit



**ENVIRONMENT
AGENCY**

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Nant Newydd Quarry Landfill Site

**J.T. Owen & G.T. Owen
Nant Newydd Quarry Landfill Site
Brynteg
Anglesey
LL78 7JJ**

Permit number

RP3337SE

Nant Newydd Quarry Landfill Site

Permit Number RP3337SE

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows:

Nant Newydd Quarry Landfill Site is an inert landfill in Brynteg, Anglesey, North Wales.

Landfilling of wastes is taking place in an operational limestone quarry, which is within 500m of Anglesey Fens SAC.

The previously deposited wastes were placed directly onto the base and sides of the quarry. The potential impacts from these wastes have been assessed in the application and permit conditions have been imposed where necessary.

Future deposits of waste will have to comply with the requirements of the Landfill Regulations 2002 (as amended). The main requirements that apply here are the stricter inert waste acceptance criteria and the establishment of a geological barrier (e.g. clay) between the waste and the limestone bedrock.

Landfill gas, groundwater and surface water monitoring requirements are included in permit conditions which will ensure that the landfill operation does not pose a risk to the environment.

Status log of the permit

Detail	Date	Response Date
Application RP3337SE	Received 18 th November 2005	
Response to Schedule 4 Notice	Request dated 3 rd April 2006	Response dated 11 th May 2006
Response to letter requesting further information	Request dated 24 th May 2006	Response dated 27 th July 2006
Results of waste characterisation requested in the Schedule 4 Notice and letter requesting further information.	Requests dated 3 rd April & 24 th May 2006	Responses dated 8 th September, 20 th September, 27 th October & 6 th October 2006
Submission of relevant WAMITAB Certificate	Requests dated 30 th October 2006 & 13 th December 2006	Response dated 20 th December 2006.
Permit determined	30 th March 2007	

Superseded or partially superseded licences/authorisations/consents relating to this installation

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
W.J. Owen & Sons	EAWML37144	19/07/1996	Fully Superseded

End of Introductory Note

Permit Number RP3337SE

Nant Newydd Quarry Landfill Site

Permit

Pollution Prevention and Control (England and Wales) Regulations 2000
Landfill (England and Wales) Regulations 2002

Permit

Permit number

RP3337SE

The Environment Agency (the Agency) in exercise of its powers under regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) and Regulation 6 of the Landfill (England and Wales) Regulations 2002 (SI 2002 No.1559) hereby **authorises Mrs J.T. Owen & Mr G.T. Owen** ("the Operator"),

whose principal office is

Nant Newydd Quarry

Brynteg

Anglesey

LL78 7JJ

Company registration number N/A

to operate an installation at

Nant Newydd Quarry Landfill Site

Brynteg

Anglesey

LL78 7JJ

to the extent authorised by and subject to the conditions of this permit.

Signed	Date
	30 th March 2007

Martin Jenkins

Authorised to sign on behalf of the Agency

Permit Number RP3337SE

Nant Newydd Quarry Landfill Site

Conditions

1. Management

1.1 General management

1.1.1 The Activities shall be managed and operated:

- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the Activities.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Accidents that may cause pollution

1.2.1 The operator shall:

- (a) maintain and implement an accident management plan;
- (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
- (c) make any appropriate changes to the plan identified by a review.

1.3 Finance

1.3.1 The financial provision for meeting the obligations under this permit set out in the agreement made between the operator and the Agency dated 30th March 2007 shall be maintained by the operator throughout the subsistence of this permit and the operator shall produce evidence of such provision whenever required by the Agency.

1.3.2 The operator shall ensure that the charges it makes for the disposal of waste in the landfill cover the cost of operating the landfill, as far as possible the cost of the financial provision required by condition 1.3.1 and thus the estimated costs for the closure and aftercare of the landfill.

1.4 Site security

1.5.1 Site security measures shall prevent unauthorised access to the site, as far as practicable.

2. Operations

2.1 Permitted activities

- 2.1.1 The operator is authorised to carry out the activities specified in schedule 1 table S1.1 (the "Activities").

2.2 The site

- 2.2.1 The Activities shall not extend beyond the Site, being the land shown edged in red on the site plan at schedule 2 to this permit.

2.3 Operating techniques

- 2.3.1 The Activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the Agency.

2.4 Off-site conditions

There are no conditions in this permit to which Regulation 12(12) of the PPC Regulations apply.

2.5 Improvement programme

- 2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

2.6 Pre-operational conditions

- 2.6.1 The Activities shall not be brought into operation until the measures specified in schedule 1 table S1.4A have been completed.

2.7 Engineering

- 2.7.1 No construction of any new cell shall commence until the operator has submitted construction proposals and the Agency has confirmed that it is satisfied with the construction proposals.
- 2.7.2 The construction of a new cell shall take place only in accordance with the approved construction proposals unless:
- (a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or
 - (b) a change has otherwise been agreed in writing by the Agency.

- 2.7.3 No disposal of waste shall take place in a new cell until the operator has submitted a CQA Validation Report and the Agency has confirmed that it is satisfied with the CQA Validation Report.
- 2.7.4 No construction of landfill Infrastructure shall commence until the operator has submitted relevant construction proposals or a written request to use previous construction proposals and the Agency has confirmed that it is satisfied with the construction proposals.
- 2.7.5 The construction of the Landfill Infrastructure shall take place only in accordance with the approved construction proposals unless:
- (a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or
 - (b) a change has otherwise been agreed in writing by the Agency.
- 2.7.6 The operator shall submit a CQA Validation Report as soon as practicable following the construction of the relevant Landfill Infrastructure.
- 2.7.7 Where pollution controls are immediately necessary to prevent an incident or accident, then conditions 2.7.4 and 2.7.5 do not apply and the relevant Landfill Infrastructure may be constructed, provided that the construction proposals are submitted to the Agency as soon as practicable.
- 2.7.8 For the purposes of conditions 2.7.1, 2.7.3 and 2.7.4, the Agency shall be deemed to be satisfied where it has not, within the period of 4 weeks from the date of receipt of the relevant construction proposals or CQA Validation Report, either:
- (a) confirmed whether or not it is satisfied; or
 - (b) informed the operator that it requires further information.

2.8 Waste acceptance

- 2.8.1 Wastes shall only be accepted for disposal if:
- (a) they are listed in schedule 3, and
 - (b) they are inert waste, and
 - (c) from 30th October 2007 they are not liquid waste (including waste waters but excluding sludge), and
 - (d) all the relevant waste acceptance procedures set out in schedule 1 of the Landfill Regulations have been completed, and
 - (e) they fulfil the relevant waste acceptance criteria, and
 - (f) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria, and
 - (g) from 30th October 2007 they are wastes which have been treated, except for wastes for which treatment is not technically feasible.
- 2.8.5 The operator shall visually inspect:
- (a) without unloading it, waste that is not in an enclosed container or enclosed vehicle on arrival at the landfill; and
 - (b) waste at the point of deposit;

and shall satisfy itself that it conforms to the basic characterisation documentation submitted by the holder.

- 2.8.6 Where the operator has taken samples to establish that the waste is in conformity with the documentation submitted by the holder then the samples taken shall be retained for at least one month and results of any analysis for at least two years.
- 2.8.7 The operator on accepting each delivery of waste shall provide a receipt to the person delivering it.
- 2.8.8 The total quantity of waste that shall be deposited in the landfill shall be limited by the pre-settlement levels shown on drawing ESID4 (dated September 2005).
- 2.8.9 The quantity of waste that is deposited in the landfill in any year shall not exceed the limits in schedule 1 table S1.5.
- 2.8.10 The operator shall maintain and implement a system which ensures that a record is made of the quantity, characteristics, date of delivery and, where practicable, origin of any waste that is received for disposal or recovery and of the identity of the producer, or in the case of multiple collection vehicles, of the collector of such waste. Any information regarded by the operator as commercially confidential shall be clearly identified in the record.

2.9 Closure, aftercare and decommissioning

- 2.9.1 The operator shall maintain and operate the Activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.

3. Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 table S4.1.

3.2 Emissions to groundwater

- 3.2.1 There shall be no emission from the activities into groundwater of any substance in List I (as defined by the Groundwater Regulations) contrary to those Regulations.
- 3.2.2 There shall be no emission from the activities into groundwater of any substance in List II (as defined in the Groundwater Regulations) so as to cause pollution (as defined in those Regulations).
- 3.2.3 The trigger levels for emissions into groundwater for the parameter(s) and monitoring point(s) set out in schedule 4 table S4.2 of shall not be exceeded.
- 3.2.4 The operator shall submit to the Agency a review of the Hydrogeological Risk Assessment:
 - (a) between 9 and 6 months prior to the fourth anniversary of the granting of the permit, and
 - (b) between 9 and 6 months prior to every subsequent 4 years after the fourth anniversary of the granting of the permit.

3.3 Fugitive emissions of substances

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.
- 3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the Site as soon as practicable.
- 3.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.
- 3.3.5 The limits for landfill gas arising from the installation set out in schedule 4, table S4.3, shall not be exceeded.

3.4 Odour

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the Site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

3.5 Noise and vibration

- 3.5.1 Emissions from the Activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

3.6 Monitoring

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake the monitoring for the parameters, specified in the following tables in schedule 4 to this permit:
 - (a) Point source emissions specified in table S4.1;
 - (b) Groundwater specified in tables S4.2 and S4.6;
 - (c) Landfill gas specified in tables S4.3 and S4.4; and
 - (d) Surface water specified in table S4.5.
- 3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.6.3 A topographical survey of the site referenced to Ordnance Datum shall be carried out:

- (a) annually, and
- (b) prior to the disposal of waste in any new cell or new development area of the landfill, and
- (c) following closure of the landfill or part of the landfill.

The topographical survey shall be used to produce a plan of a scale adequate to show the surveyed features of the site.

3.7 Transfers off-site

- 3.7.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

4. Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) the results of groundwater monitoring;
 - (ii) sub-surface landfill gas monitoring;
 - (iii) waste types and quantities;
 - (iv) topographical surveys; and
 - (v) the specification and as built drawings of the basal, sidewall and capping engineering systems

- 4.1.2. Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

- 4.1.3. All records required to be held by this permit shall be available for inspection by the Agency at any reasonable time.

4.2 Reporting

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to this installation and any agreed amendments thereto;
 - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
 - (c) the annual production/treatment set out in schedule 5 table S5.2.
 - (d) details of any contamination or decontamination of the site which has occurred;
 - (e) the topographical surveys required by condition 3.6.3 other than those submitted as part of a CQA validation report;
 - (f) the volumetric difference (reported in cubic metres) between the most recent topographical survey and the previous annual topographical survey i.e. the additional volume of the landfill void that is occupied by waste;
 - (g) an assessment of the settlement behavior of the landfill body based on the difference between the most recent topographical survey and previous annual topographical survey for the areas of the landfill which did not receive waste between the surveys;
 - (h) a calculation of the remaining capacity (reported in cubic metres) derived from the pre-settlement contours and the most recent topographical survey;
 - (i) a summary of the WAC compliance testing undertaken in the period;
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 5 table S5.1;
 - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.3; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency

4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;

- (b) the breach of a limit specified in the permit;
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3. Prior written notification shall be given to the Agency of the following events and in the specified timescales:
 - (a) as soon as practicable prior to the permanent cessation of any of the permitted activities;
 - (b) as soon as practicable prior to the cessation of the landfill disposal activities, for a period likely to exceed 1 month; and
 - (c) at least 7 days prior to the resumption of the landfill disposal activities after a cessation notified under (b) above.
- 4.3.4 Where the Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.5 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
 - (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

Schedule 1 - Operations

Table S1.1 Activities

Activity listed in schedule 1 of the PPC Regulations	Description of specified activity	Limits of specified activity
Section 5.2 Part A(1) (b), The disposal of waste in a landfill.	Landfill for inert waste (landfill classification under the Landfill Regulations 2002)	Receipt, handling, storage and disposal of wastes, consisting of the types and quantities specified in conditions 2.8, as an integral part of landfilling.
Directly Associated Activities		
Water discharges to controlled waters.	Discharges of site drainage from the landfill.	From surface water management system to point of entry to controlled waters.
Fuel storage.	Storage of fuel for operation of plant and equipment.	Fuel storage tank.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to questions B2.1, B2.2, B2.3, B2.5, B2.7, B2.8, B2.9, B2.11 and B3.1 of the Application excluding the answers to the following questions: B2.2.1 to B2.2.6 B2.2.38 B2.2.39 B2.2.41 B2.2.42 B2.2.46 B2.2.47 B2.2.52 B2.2.57 B3.1.2	18 th November 2005
Response to Schedule 4 Notice dated 3 rd April 2006	All Parts	11 th May 2006
Additional information submitted following analysis of existing wastes	All Parts	8 th September 2006
Additional information submitted following analysis of existing wastes	All Parts	20 th September 2006
Additional information submitted following analysis of existing wastes	All Parts	27 th September 2006
Additional information submitted following analysis of existing wastes	All Parts	6 th October 2006
Submission of relevant WAMITAB Certificate	All Parts	20 th December 2006.

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
1.3.1	The Operator shall submit to the Agency for approval, revised interim Groundwater Monitoring and Contingency Action Plans for the boreholes installed in accordance with pre-operational condition Table S1.4A - reference 3. These plans shall be based on the Environment Agency guidance LFTGN01 'Hydrogeological Risk Assessment for Landfills' and LFTGN02 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water'. The plans shall be implemented by the Operator from the date of approval in writing by the Agency.	1 st June 2007
1.3.2	The Operator shall obtain 12 months of new groundwater monitoring data at the frequencies specified for the substances listed in tables S4.2 and S4.6 from all monitoring boreholes required under Table S1.3 reference 1.3.1 and Table S1.4A reference 3. A report shall be submitted to the Agency for approval that: - fully characterises the groundwater regime at the site. This shall include all groundwater level and quality data; characterises variations in groundwater levels; determines the groundwater flow direction; provides a fully annotated, scaled, contoured plan of groundwater contours within in the Carboniferous Limestone aquifer across the site; provides full characterisation and interpretation of groundwater quality in the inflow and outflow zones. The report shall also include a plan/ drawing indicating all groundwater and other monitoring points; - reviews the 12 months of new groundwater monitoring data from the monitoring boreholes; - undertakes a detailed review of the Control Levels and Trigger Limits included in this Permit. The review shall include revised post-interim Control Levels and Trigger Limits derived in accordance with Agency guidance document LFTGN01 'Hydrogeological Risk Assessments for landfills'; - Considers the need for the installation of additional groundwater monitoring boreholes to demonstrate compliance with the requirements of the Groundwater Regulations and the Landfill Regulations; - Includes a revised and updated Site Conceptual Model including detailed, appropriately-scaled and fully annotated cross-section drawing(s) that includes detailed information required under other improvement conditions and pre-operational conditions to fully revise the understanding and interactions of the groundwater regime, the geology and the wastes at the site; - Includes revised numerical modelling demonstrating that the site complies with the Groundwater Regulations. This modelling shall include containment engineering that complies with the requirements of the Landfill Regulations and fully justified modelled contaminant Source Terms. The proposals and plans in the report shall be implemented by the Operator from the date of approval in writing by the Agency.	Within 15 months following installation of groundwater monitoring boreholes required under pre-operational condition Table S1.4A - reference 3.
1.3.3	Following approval of the report submitted under improvement programme reference 1.3.2, the Operator shall submit to the Agency for approval, revised post-interim Groundwater Monitoring and Contingency Action Plans. These plans shall include all other appropriate information as required under improvement conditions under Table S1.3 reference 1.3.2 and Table S1.4A reference 3. The plans shall be implemented by the Operator from the date of approval in writing by the Agency.	Within 2 months of the completion of improvement programme reference 1.3.2.

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
1.3.4	The Operator shall carry out a survey of all existing gas monitoring boreholes G1, G2 and G3 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, submitted with the PPC Application) to demonstrate that they are fit-for-purpose. A report on the results of this survey shall be submitted to the Agency for approval. The survey shall: • Confirm the depth / level to which the borehole extends beneath the existing waste/ ground surface; • Confirm that the installation details of these boreholes is adequate, including construction materials, slotted and plain casings, grouting materials with the depths/ elevations of these materials, and borehole security measures; • Confirm whether these boreholes are blocked, and, if blocked, provide mitigation measures; • Propose additional measures to ensure that the existing gas monitoring boreholes are secure; • If the above cannot be fully completed, the operator shall submit proposals to install new gas monitoring points to comply with the requirements of the Landfill Regulations and LF TGN03 'Guidance on the Management of Landfill Gas'. Once approved by the Agency, proposed gas monitoring locations shall be installed / commissioned within the agreed time period, and included immediately into the agreed interim and post-interim revised Landfill Gas Management and Contingency Action plans. The proposals in the report shall be implemented by the Operator from the date of approval in writing by the Agency.	1 st July 2007
1.3.5	The Operator shall submit to the Agency for approval revised interim Landfill Gas Management and Contingency Action plans. These plans shall incorporate detailed written proposals for the design, construction and installation of gas monitoring locations and infrastructure in accordance with the Agency guidance document LF TGN03 'Guidance on the Management of Landfill Gas'. These plans shall ensure that representative sampling of gas concentrations within the waste mass and gas concentrations beyond the site boundary resulting from potential lateral gas migration is completed in accordance with the Landfill Regulations. Gas monitoring locations shall include, as a minimum, an adequate number of locations: • within the waste mass to ensure compliance with in-waste monitoring requirements; • beyond the site boundary to ensure compliance with requirements for the monitoring of lateral emissions. Once approved by the Agency, the gas monitoring locations shall be installed / commissioned within the agreed time period, and included immediately into the agreed and revised Landfill Gas Management and Contingency Action plans. These proposals shall be implemented by the Operator from the date of approval in writing by the Agency.	1 st July 2007

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
1.3.6	The Operator shall acquire 12 months of monthly gas monitoring data for all external locations beyond the site boundary required under improvement condition reference 1.3.5 in Table S1.3 (above). A written report shall be submitted to the Agency for approval that: • undertakes a review of the Control Levels and Compliance Limits in this Permit; • includes, where justified, revised post-interim Control Levels and Compliance Limits for Agency approval. The proposals in the report shall be implemented by the Operator from the date of approval in writing by the Agency.	Within 15 months of the completion of improvement programme reference 1.3.5.
1.3.7	Following approval of the report submitted under improvement programme reference 1.3.6, The Operator shall submit to the Agency for approval, revised post-interim Landfill Gas Management and Contingency Action Plans. These plans shall include all other appropriate information as required under improvement conditions under Table S1.3 references 1.3.4, 1.3.5 and 1.3.6. The plans shall be implemented by the Operator from the date of approval in writing by the Agency.	Within 2 months of the completion of improvement programme reference 1.3.6
1.3.8	The Operator shall submit to the Agency for approval interim Surface Water Management and Contingency Action Plans. These plans shall be based on the Environment Agency guidance LFTGN02 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water'. These plans shall include additional measures to mitigate against the potential for pollution to the adjacent surface water regime. This includes potential pollution arising from runoff that flows through and from the existing waste materials already deposited under the Waste Management Licence, and from liquids accumulated within and pumped from the quarry sump. The need for additional monitoring points shall be reviewed. The proposals shall be implemented by the Operator from the date of approval in writing by the Agency.	1 st June 2007
1.3.9	The Operator shall: • acquire 12 months of new surface water monitoring data at the frequencies specified in Tables S4.1 and S4.5 for locations W1, W1a, W2, W3 and W4 as indicated on drawing LO6 of the existing Working Plan (PPC Application, Appendix 2) and described in Appendix HRA4 and using this new data; • undertake a review of the quality determinands for surface water Control Levels and Compliance Limits where included in this Permit; • provide a report to the Agency including, where justified, revised post-interim Control Levels and Compliance Limits with appropriately justified determinands at each appropriately justified compliance monitoring points for Agency approval. The proposals set out in the report shall be implemented by the Operator from the date of approval in writing by the Agency.	1 st July 2008
1.3.10	Following approval of the report submitted under improvement programme reference 1.3.9, the Operator shall submit revised post-interim Surface Water Management and Contingency Action Plans. These plans shall include all other appropriate information as required under improvement condition under Table S1.3 reference 1.3.8 and 1.3.9. These plans shall be implemented by the Operator from the date of approval in writing by the Agency.	Within 2 months of the completion of improvement programme reference 1.3.9.

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
1.3.11	The Operator shall submit a drawing / plan to the Agency confirming all monitoring locations. This drawing / plan shall be scaled, and annotated with clear and consistent nomenclature for all monitoring locations. This drawing / plan shall also include local features such as haulage and other roads, field boundaries, surface water features, indicated map north, ground elevation information, buildings, services & infrastructures, completed / restored parts of the landfill and security fencing details. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the drawing / plan.	1 st July 2007
1.3.12	The Operator shall submit a report to the Agency regarding nitrate concentrations in the surface water regime. For this report, the Operator shall investigate and determine the source(s) of the observed high concentrations of nitrate in the surface water regime. The Operator shall submit the results of this investigation, and include proposals to mitigate against future potentially-polluting releases of nitrate from the site to the surface water regime. The proposals shall be implemented by the Operator from the date of approval in writing by the Agency.	1 st October 2007

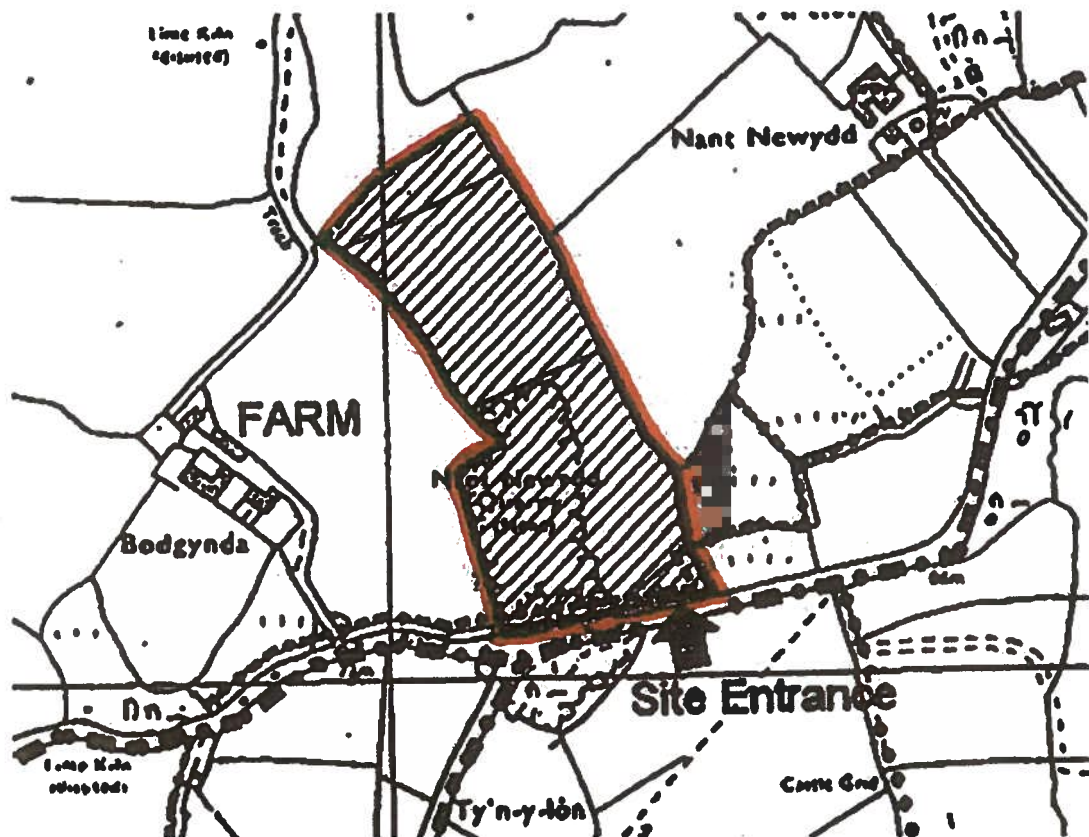
Table S1.4A Pre-operational measures

Reference	Pre-operational measures
1	The Operator shall submit to the Agency for approval details for a Landfill Regulations-compliant engineered geological barrier to be installed onto the quarry base and full height of the sidewalls in any unfilled area where new landfilling is proposed. Where the newly constructed geological barrier is to be constructed adjacent to existing waste deposits, provision shall be made for an extension of the barrier over the lower section of the existing waste slope. The submitted details shall include a plan clearly identifying where engineered basal and sidewall geological barrier is required. A revised Stability Risk Assessment shall be submitted to the Agency for approval. This Stability Risk Assessment shall adequately investigate and include details of the engineered geological barrier installed onto the quarry base and sidewalls. Account shall be taken of any required groundwater control systems and potential groundwater pressures acting behind the constructed geological barrier. Following Agency approval, the operator shall install the geological barrier in accordance with the agreed design. A full construction quality assurance (CQA) programme shall be completed and a CQA Validation Report provided to the Agency following engineering installation prior to waste infilling in accordance with the requirements of section 2.7 of this permit.
2	Prior to construction of the sidewall geological barrier the Operator shall ensure that the basal and sidewall subgrade is stable and free from loose or significantly jointed/fractured rock which may displace under loading from the landfilled waste, thereby resulting in integrity failure of the barrier. Any such remedial measures shall be required and reported through the Construction Quality Assurance procedures for the lining works as detailed above in pre-operational condition reference 1.
3	The Operator shall submit to the Agency for approval written proposals, including timescales, for the installation of groundwater monitoring boreholes. A minimum of four boreholes shall be included. These shall be located and installed within the Carboniferous Limestone aquifer adjacent to the PPC Site Boundary and beyond areas of existing or proposed waste infilling. The boreholes shall not be installed into the existing wastes. The boreholes shall be designed and installed so as to enable adequate monitoring of the groundwater inflow (or hydraulically-upgradient) and outflow (or downgradient) regions to demonstrate that the site fully complies with the requirements of the Groundwater Regulations and the Landfill Regulations. The proposals shall include appropriately detailed construction and installation information, and a suitably scaled and annotated drawing / plan showing the locations and survey levels of all groundwater monitoring installations. The proposals shall include the location and installation details, and be designed and installed in accordance with Environment Agency documents LFTGN01 'Hydrogeological Risk Assessment for Landfills' and LFTGN02 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water'. Once approved, the boreholes shall be installed and commissioned within the agreed time period, and included immediately into the agreed Groundwater Monitoring and Contingency Action plans required under Table S1.3 references 1.3.1 and 1.3.3.

Table S1.5 Annual waste input limits

Category	Limit Tonnes/ Year
Inert Waste	5000

Schedule 2 - Site Plan



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Schedule 3 - List of permitted wastes

Wastes that may be accepted without testing at Nant Newydd Quarry Landfill Site

EWK Code	Description	Restrictions
10 11 03	Waste glass based fibrous materials	Only without organic binders
15 01 07	Glass packaging	
17 01 01	Concrete	Selected C&D waste only ^(a)
17 01 02	Bricks	Selected C&D waste only ^(a)
17 01 03	Tiles and ceramics	Selected C&D waste only ^(a)
17 01 07	Mixtures of concrete, bricks, tiles and ceramics	Selected C&D waste only ^(a)
17 02 02	Glass	
17 05 04	Soil and stones	Excluding topsoil, peat; excluding soil and stones from contaminated sites
19 12 05	Glass	
20 01 02	Glass	Separately collected glass only
20 02 02	Soil and stones	Only from garden and parks waste; Excluding top soil, peat

- (a) Selected construction and demolition waste (C & D waste): with low contents of other types of materials (like metals, plastic, organics, wood, rubber, etc). The origin of the waste must be known.

No C & D waste from constructions, polluted with inorganic or organic dangerous substances, e.g. because of production processes in the construction, soil pollution, storage and usage of pesticides or other dangerous substances, etc., unless it is made clear that the demolished construction was not significantly polluted.

No C & D waste from constructions, treated, covered or painted with materials, containing dangerous substances in significant amounts.

Schedule 4 – Emissions and monitoring

Table S4.1 Point source emissions to water (other than sewer) – emission limits and monitoring requirements

Emission point Ref. & Location	Parameter	Source	Limits – maximum (incl unit)	Limits – other (incl unit)	Reference Period	Monitoring Frequency	Monitoring Standard or Method
Interim period only:							
Surface water monitoring points W1, W1a, W3 & W4 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, and as described in Appendix HRA4 (submitted with the PPC Application)	Suspended Solids	Surface water runoff and surface water courses	628 mg/l	50 mg/l on any 2 consecutive occasions.	Spot Sample	Monthly	To be agreed under the requirements of Table S1.3, condition reference 1.3.8.
	Sulphate		327 mgSO ₄ /l	250 mgSO ₄ /l on any 2 consecutive occasions.			
	Phosphate (as phosphorus)		1.2 mgPO ₄ -P/l	0.1 mgPO ₄ -P/l on any 2 consecutive occasions.			
	Oil & grease		None visible	-			
	Mineral oil (C ₈ -C ₄₀)		0.01 mg/l	-		Quarterly	
	PAH		0.0001 mg/l	-			

Table S4.2 Trigger levels for emissions into groundwater and monitoring requirements

Monitoring point reference	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Interim period only:					
Groundwater monitoring points to be installed in accordance with Table S1.4A, condition reference 3.	Chloride	15.10 mg/l	Spot Sample	Monthly	In accordance with the application unless otherwise agreed in writing with the Environment Agency
	Sulphate	18.09 mgSO4/l			
	Cadmium	0.0001 mg/l			
	Nickel	0.02 mg/l			
	Zinc	0.1305 mg/l			
	Ammoniacal Nitrogen	0.39 mgNH4-N/l			
	Mineral Oil (C8-C40)	0.01 mg/l	Quarterly		
	PAH	0.0001 mg/l			
	MTBE	0.01 mg/l			

Table S4.3 Landfill gas in external monitoring boreholes – limits and monitoring requirements

Monitoring point Ref. /description	Parameter	Limit (including units)	Monitoring frequency	Monitoring standard or method
Interim period only:				
Existing gas monitoring boreholes G1 and G2 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, submitted with the PPC Application)	Methane	1 %v/v	Monthly unless otherwise agreed in writing with the Agency.	In accordance with the application and the requirements of Table S1.3, condition references 1.3.4 and 1.3.5, unless otherwise agreed in writing with the Environment Agency.
	Carbon Dioxide	1.5 %v/v		
	Oxygen	No limit		
	Atmospheric pressure	No limit		
	Differential Pressure	No limit		
	Temperature	No limit		
New landfill gas monitoring points to be installed beyond the site boundary in accordance with Table S1.3, condition reference 1.3.5.	Meteorological data	No limit		

Note: Limits in the interim-only period are based on assumed background concentrations of 0 %v/v.

Table S4.4 Landfill gas – other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Existing in-waste monitoring borehole G3 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, submitted with the PPC Application)	Methane	Monthly, unless otherwise agreed in writing with the Agency.	In accordance with the application and the requirements of Table S1.3, condition reference 1.3.7, unless otherwise agreed in writing with the Environment Agency.	No other specifications.
	Carbon Dioxide			
	Oxygen			
	Atmospheric pressure			
	Differential pressure			
	Temperature			
Landfill gas monitoring points to be installed beyond the site boundary in accordance with Table S1.3, condition reference 1.3.5.	Meteorological Data			

Table S4.5 Surface water – other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Interim period only:				
Surface water monitoring points W1, W1a, W2, W3 & W4 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, and as described in Appendix HRA4 (submitted with the PPC Application))	pH, Oil & Grease, Temperature, Electrical Conductivity, Ammoniacal Nitrogen, Chloride, Dissolved Oxygen, BOD, COD, Total Suspended Solids, TOC, Fe, Cr, Mn, Ni, Pb, Phosphate as P, SO ₄ , Nitrate (for TON) and Nitrite (for TON).	Monthly	In accordance with the application unless otherwise agreed in writing with the Environment Agency.	No other specifications.
	Total Oxidised Nitrogen, Ca, Cd, Hg, Mg, Na, K, Alkalinity (CaCO ₃), Cu, Zn, Mineral oil (C ₈ -C ₄₀), PAH, MTBE.	Quarterly		All List I substances shall be screened to the MRV limits unless otherwise agreed in writing with the Environment Agency. These substances include Cd, Hg, Mineral Oils (C ₈ -C ₄₀) and PAHs, as identified from inert WAC and other testing results, April 2006 and/ or October 2006.
	Full List I screening	Annually		
		Quarterly		
		Annually		

Table S4.6 Groundwater – other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Interim period only:				
Groundwater monitoring points to be installed in accordance with Table S1.4A, condition reference 3.	Water level, Temperature, pH, Electrical Conductivity, Dissolved Oxygen, Chloride, Sulphate, Cadmium, Nickel, Zinc, Ammoniacal Nitrogen.	Monthly	Spot Sample	All List I substances shall be screened to the MRV limits unless otherwise agreed in writing with the Environment Agency. These substances include Cd, Hg, Mineral Oils (C ₈ -C ₄₀) and PAHs, as identified from inert WAC and other testing results, April 2006 and/ or October 2006.
	Alkalinity, Arsenic, Calcium, Chromium, COD, Copper, ionic balance, Iron, Magnesium, Manganese, Lead, Mercury, Nitrate (for TON), Nitrite (for TON), Phenols Monohydric, Phosphate as P, Potassium, Selenium, Sodium, TOC, Mineral Oil (C ₈ -C ₄₀), PAH, MTBE.	Quarterly		
	Full List I screening	Annually		
		Quarterly		
		Annually		

Schedule 5 - Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to water Parameters as required by condition 3.6.1	Surface water monitoring points W1, W1a, W2 & W4 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, and as described in Appendix HRA4 (submitted with the PPC Application))	Quarterly	30 th March 2007
Groundwater Parameters as required by condition 3.6.1	Groundwater monitoring points to be installed in accordance with Table S1.4A, condition reference 3.	Quarterly	30 th March 2007
List I screening		Annually	
Landfill gas lateral migration Parameters as required by condition 3.6.1	Existing gas monitoring boreholes G1 and G2 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, submitted with the PPC Application)	Quarterly	30 th March 2007
	New landfill gas monitoring points to be installed beyond the site boundary in accordance with Table S1.3, condition reference 1.3.5.		After date of installation.
Other Landfill gas monitoring Parameters as required by condition 3.6.1	Existing in-waste monitoring borehole G3 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, submitted with the PPC Application)	Quarterly	30 th March 2007
	Landfill gas monitoring points to be installed beyond the site boundary in accordance with Table S1.3, condition reference 1.3.5.		After date of installation.
Other surface water monitoring Parameters as required by condition 3.6.1	Surface water monitoring points W1, W1a, W2, W3 & W4 (as indicated on Drawing LO6 of the existing Working Plan, Appendix 2, and as described in Appendix HRA4 (submitted with the PPC Application))	Quarterly	30 th March 2007
List I screening		Annually	

Table S5.2: Annual production/treatment

Surface water and/ or groundwater: Disposed of off site; Disposed of to any onsite effluent treatment plant.	Cubic metres/year
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Table S5.3 Reporting forms

Media/parameter	Reporting Format	Date of Form
Controlled water	Form Leachate 1 or other reporting format to be agreed in writing with the Agency.	30 th March 2007
Groundwater	Form Groundwater 1 or other reporting format to be agreed in writing with the Agency.	30 th March 2007
Landfill gas	Form Air 1 or other reporting format to be agreed in writing with the Agency.	30 th March 2007
Waste Return	Waste Return Form RATS2E	30 th March 2007
Landfill topographical surveys and interpretation	Reporting format to be agreed in writing with the Agency	

Schedule 6 - Notification

This page outlines the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	
Name of operator	
Location of Installation	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and Time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of J.T Owen & G.T. Owen

Schedule 7 - Interpretation

"Accident" means an accident that may result in pollution.

"Annually" means once every Year.

"Application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under schedule 4 to the PPC Regulations

"Authorised Officer" means any person authorised by the Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in Section 108(4) of that Act.

"Background concentration" means such concentration of that substance as is present in:

- For emissions to surface water, the surface water quality up-gradient of the site; or
- For emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.
- For emissions of landfill gas, the ground or air outside the site and not attributable to the site

"Construction Proposals" means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the new cell or Landfill Infrastructure.

"CQA Validation Report" means the final "as built" construction and engineering details of the new cell or of the Landfill Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;
- Plans showing the location of all tests;
- "As-built" plans and sections of the works;
- Copies of the site engineer's daily records;
- Records of any problems or non-compliances and the solution applied;
- Any other site specific information considered relevant to proving the integrity of the new cell or Landfill Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the construction proposals.

"Fugitive emission" means an emission to air, water or land from the Activities which is not controlled by an emission or background concentration limit.

"Groundwater Regulations" means the Groundwater Regulations SI 1998 No. 2746, and words and expressions used in this permit which are also used in the Regulations shall have the same meanings as in those Regulations.

"Landfill Infrastructure" means any specified element of the:

- permanent capping;
- temporary capping (i.e. engineered temporary caps not cover materials);
- leachate abstraction systems;
- leachate transfer, treatment and storage systems;
- surface water drainage systems;
- leachate monitoring wells;
- groundwater monitoring boreholes;
- landfill gas monitoring boreholes;
- landfill gas management systems;

within the Site.

"Landfill Regulations" means the Landfill (England and Wales) Regulations SI 2002 No. 1559, and words and expressions used in this permit which are also used in the Regulations shall have the same meanings as in those Regulations.

"Land Protection Guidance" means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: Application site report and site protection monitoring programme".

"Liquids" means any liquid other than leachate within the engineered landfill containment system.

"LFTGN 05" means Environment Agency Guidance for monitoring enclosed landfill gas flares, September 2004.

"LFTGN 08" means Environment Agency Guidance for monitoring landfill gas engines, September 2004.

"New Cell" means any new cell, part of a cell or other similar new area of the Site where waste deposit is to commence after issue of this permit and can comprise:

- groundwater under-drainage system;
- permanent geophysical leak location system;
- leak detection layer;
- sub-grade;
- barriers;

- liners;
- leachate collection system;
- leachate abstraction system;
- separation bund/layer;
- cell or area surface water drainage system;
- side wall subgrade and containment systems;

for the new cell.

"*No impact*" means that the change made to the construction process will not alter the agreed design criteria, specification or performance in a way that has a negative effect.

"notify without delay" or "notified without delay" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*Quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"*Relevant person*" and "*relevant conviction*" shall have the meanings given to them in the Environmental Protection Act 1990

"*Review of the Hydrogeological Risk Assessment*" means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the Groundwater Regulations. The review shall assess whether the activities of disposal or tipping for the purpose of disposal of waste authorised by the permit continue to meet the requirements of the Groundwater Regulations

"*Site Protection and Monitoring Programme*" means a document which meets the requirements for Site Protection and Monitoring Programmes described in the Land Protection Guidance.

"*Technically competent management*" and "*technical competence*" shall have the meanings given to them in the Environmental Protection Act 1990.

"*Waste code*" means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

"*Year*" means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means the standards included in Environment Agency Guidance for Monitoring Enclosed Landfill Gas Flares LFTGN 05 or Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

END OF PERMIT

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix H – Certificate of Technical Compliance



ate No. CCC5511

Continuing Competence Certificate

This certificate confirms that

Robert Morris Thomas

met the relevant requirements of the Continuing Competence scheme for the period between 1 March 2012 to 28 February 2014 for the following award(s):

H Landfill - Hazardous Waste

dated: 14/11/2013

signed

Wamitab Chief Executive Officer

CIWM Chief Executive Officer

***This certificate needs to be renewed during the period
between 1 March 2014 and 29 February 2016***



**the Chartered Institution
of Waste Management**



00052040

W J Owens and Sons

Nant Newydd Quarry, Brynteg

Permit Application

Appendix I – Management System Summary

Management System Summary

This document comprises a summary of the management system in place for WJ Owen & Sons Nant Newydd Quarry; the full document detailing the management system is available upon request.

1.1 Health and Safety Policy

The Health and Safety Policy for the installation is maintained on site.

1.2 Environmental Management System

An environmental management system will govern operations at the installation.

Consequently, operational procedures for the management of the installation will ensure that all appropriate pollution prevention and control techniques are delivered reliably and on an integrated basis. The environmental management system assists in maintaining compliance with regulatory requirements and managing environmental impacts.

1.3 Environmental Management System Overview

1.3.1 Management Structure and Responsibilities

The management structure that will be responsible for the activities at the installation comprises of the partnership of Gwilym Owen and Jean Owen.

The site manager will be responsible for day to day operations, compliance with the environmental permit, and will be accountable to Gwilym Owen.

1.3.2 Technical Competence

The waste management activities undertaken at the installation will be managed by a person who is technically competent and has the appropriate qualification as required by Regulation 4 of the Pollution Prevention and Control (England and Wales) Regulations 2000.

Robert Morris Thomas provides technically competent management.

1.3.3 Training

An assessment of training needs will be carried out to identify the posts for which specific environmental awareness training is needed, and the scope and level of such training. The assessment of training needs will be reviewed on an annual basis.

The training programme will ensure that relevant staff are aware of the following:

- Regulatory implications of the permit for the installation and their specific work activity;
- All potential environmental effects from operations under normal and abnormal circumstances;
- The need to report deviations from the permit; and
- Prevention of accidental emissions and action to be taken should accidental emissions occur.

The skills and competencies necessary for key posts will be documented. Records of training needs and training received will be maintained at the site weighbridge.

1.3.4 Managing Documentation and Records

Controls will be in place to ensure that all relevant documents regarding the management of the installation in accordance with its planning permission and environmental permit are issued, revised and maintained in a consistent fashion.

The documents that will be included within the scope of the controls are as follows:

- Policies;
- Responsibilities;
- Targets;
- Maintenance records;
- Procedures;
- Monitoring records;
- Results of audits;
- Results of reviews;
- Complaints and incident records; and
- Training records.

1.3.5 Reporting Non-Conformance and Taking Corrective Action

Procedures will ensure appropriate corrective action is taken in response to problems identified at the installation. The procedure will ensure that non-conformances with planning permission or environmental permit conditions are reported, investigated and rectified, and that measures are put in place to avoid repetition of non-conformances. The following aspects will be considered:

- Actual non conformance;
- System failure discovered at internal audit;
- Suppliers or subcontractors breaking the operating rules or instructions that they have been given;
- Incidents, accidents, and emergencies;
- Other operational system failure; and
- Substantiated complaints.

The action taken in response to the non-conformance may include:

- Obtaining additional information on the nature and extent of the non-conformance;
- Discussing and testing alternative solutions;
- Modifying procedures and responsibilities;
- Seeking approval for additional resources and training; and
- Contacting suppliers and contractors.

1.3.6 Auditing and Legal Compliance

A formalised internal auditing procedure will be followed in order to ensure that the facility is audited at defined intervals and that the progress of corrective and preventative action is monitored.

1.3.7 Monitoring, Measuring and Reviewing Environmental Performance

A formalised management structure will review environmental performance, and ensure any necessary actions are taken.

1.3.8 Environmental Policy, Objectives and Targets

There will be a commitment to continual improvement, prevention of pollution and compliance with legislation.

1.3.9 Operational Control, Preventative Maintenance and Calibration

The environmental management system will complement operational procedures in this site management system (SMS) so as to ensure effective control of installation operations, the use of approved suppliers and contract services, the maintenance of operational equipment and the calibration of monitoring equipment used by WJ Owen & Sons and/or contractors.

1.3.10 Design and Construction Quality Assurance

All relevant elements of the installation shall be designed in accordance with recognised standards, methodologies and practices.

The design process will use a risk-based approach and will be appropriately documented using drawings, specifications and method statements to provide an adequate audit trail.

Construction Quality Assurance (CQA) plans, will govern all construction activities associated with pollution prevention and control. These CQA plans will be prepared by competent and suitably qualified persons and will detail the assurance and validation process for relevant elements of the installation, which shall include:

- Material selection;

- Handling, storage and installation;
- Conformance and performance testing; and
- Inspection and validation.

A competent and suitably qualified person will supervise the construction activities, and prepare a validation report confirming that the construction activities have been carried out in accordance with the CQA plan.

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