

APPLICATION FOR AN ENVIRONMENTAL PERMIT
for
LLANTRISANT HOUSEHOLD WASTE RECYCLING CENTRE
at
PANTYBRAD, LLANTRISANT BUSINESS PARK



PREPARED BY :



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. 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.

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1 About you

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

An individual

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, NHS trust, local authority, English county council

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 companies or corporate bodies

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



For Natural Resources Wales use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes

Amount received

£ _____

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. Please write clearly in the answer spaces.

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

Contents

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- 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 Customer reference number

What is your customer reference number? _____

If you do not have a customer reference number, leave this blank.

The customer reference number is a unique identification number which tells us who you are. It is always made up of one letter and nine numbers in this order A111111111.

1b 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 _____

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

Site

Now go to section 2

Mobile plant

Now go to question 1d

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

Mobile plant

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

No

Yes

1e 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

Address

Postcode

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

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

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

Low impact installation (see question 2d below)

Opra charged activity

Directly associated activity

Paragraph-17 installation

2b3 Mining waste operation

Non-Opra charged activity

Opra charged activity

2b2 Waste operation

Landfill gas facility (closed landfill)

Opra charged activity

Pet cemetery

Tier 2 charged bespoke activity

(see charging guidance for list)

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
- Waste operation
- Mining waste operation
- Water discharge activity
- Groundwater activity (point source)
- Groundwater activity (discharge onto land)
- What is the type of activity?

- 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

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

- Landfill gas facility (closed landfill)
- Opra charged activity
- Pet cemetery
- Tier 2 charged bespoke activity (see charging guidance for list)
-

2c2 Waste operation

2c3 Mining waste operation

- Non-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)
- What is the type of activity?

- 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

- Landfill gas facility (closed landfill)
- Opra charged activity
- Pet cemetery
- Tier 2 charged bespoke activity (Charging guidance for list)
-

2c2 Waste operation

2 About the site, continued

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

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

No

Yes

3 Your ability as an operator, continued

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

AC 2014 / ENV / 04 - WORKING PLAN

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. Otherwise go to section 6 if this does not apply to you.

Tick which situation applies to you (do not fill in this section if you are making an application for 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

Rhondda Cynon Taff CBC

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

12/0037/10

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

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

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

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

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.)

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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

£ _____

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	Response		Do you meet this?
Condition	Response		Do you meet this?
A – Management techniques	Provide references to show how your application meets A.		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
B – Aqueous waste	Effluent created	m ³ /day	Yes <input type="checkbox"/> No <input type="checkbox"/>
C – Abatement systems	Provide references to show how your application meets C.		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
D – Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
E – Producing waste	Hazardous waste	Tonnes per year	Yes <input type="checkbox"/>
	Non-hazardous waste	Tonnes per year	No <input type="checkbox"/>
F – Using energy	Peak energy consumption	MW	Yes <input type="checkbox"/> No <input type="checkbox"/>
G – Preventing accidents	Do you have appropriate measures to prevent spills and major releases of liquids? (See 'How to comply'.)		Yes <input type="checkbox"/> No <input type="checkbox"/>
	Provide references to show how your application meets G.		Yes <input type="checkbox"/> No <input type="checkbox"/>
	References		
H – Noise	Provide references to show how your application meets H.		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
I – Emissions of polluting substances	Provide references to show how your application meets I.		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
J – Odours	Provide references to show how your application meets J.		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
K – History of keeping to the regulations	Say here whether you have been involved in any enforcement action as described in Compliance History Appendix 1 explanatory notes.	Yes <input type="checkbox"/> No <input type="checkbox"/>	

Application for an environmental permit

Part 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. 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 at <http://www.environment-agency.gov.uk/business/topics/permitting/32318.aspx>, or the current environmental permitting charging scheme this can be found at the Environment Agency website at www.environment-agency.gov.uk which 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

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

£ _____



**APPLICATION FOR A WASTE OPERATIONS PERMIT FOR THE PROPOSED
HOUSEHOLD WASTE RECYCLING CENTRE AT PANTYBRAD, LLANTRISANT:**

SUPPORTING INFORMATION

**Amgen Cymru
Bryn Pica Landfill Site
Llwydcoed
Aberdare
CF44 0BX**

**Phone: 01685 870770
Fax: 01685 874684**

Executive Summary

RCTCBC are currently in the process of developing a new HWRC, on land adjacent to Pantybrad (Llantrisant Business Park) in order to service residential areas in the southern region of the borough.

This document presents information in support of an application for a 'bespoke' Environmental Permit for the site. A standard rules permit has been considered (i.e. SR2008 No13 75kte), however the discharge of treated site drainage, places the proposed operations beyond the scope of such standard provision.

As outlined in NRW's guidance document for applications for a new Environmental Permit, the following supporting information is provided:

- *Non Technical Summary*
- *Site Conditioning*
- *List of Wastes*
- *Environmental Management System*
- *Environmental Risk Assessment*

In the near future the operator of the site shall be Cynon Valley Waste Disposal Company Ltd (trading as Amgen Cymru). Amgen is small to medium waste management company owned and operated by Rhondda Cynon Taf County Borough Council (RCTCBC). The Company and it's staff has suitable experience and qualification in managing HWRC's and has been doing so throughout the borough for over 15 years.

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APPENDICES**Appendix A -Drawings**

Drawing No.	Title
AC2014/ENV/03/001	Location Plan
697-62	Environmental Permit Boundary (Green Line)
697-28	Proposed Civic Amenity Site
697-36	Service Area Layout and River Outfall (Surface Water Discharge)

Appendix B – List of Waste**Appendix C – Geo-Environmental Site investigation Report****Appendix D – Environmental Management System (Working Plan)****Appendix E – Environmental Risk Assessment for SSSI Sites****List of Tables**

Table No.	Title
3.1 – 3.8	Environmental Risk Assessment

1.0 NON TECHNICAL SUMMARY

- 1.0.1 Amgen Cymru (Amgen) is the trading name for Cynon Valley Waste Disposal Company Ltd., a small to medium waste management company owned and operated by Rhondda Cynon Taf County Borough Council (RCTCBC). The Company provides specialist waste management services to residents and businesses of Rhondda Cynon Taff including the operation of five Household Waste Recycling Centres (HWRCs).
- 1.0.2 RCTCBC are currently in the process of developing a new HWRC, on land adjacent to Pantybrad (Llantrisant Business Park) in order to service residential areas in the southern region of the borough. Amgen Cymru have been instructed to prepare and submit an application for a 'bespoke' Environmental Permit for the site. A standard rules permit has been considered (i.e. SR2008 No13 75kte), however the discharge of treated site drainage, places the proposed operations beyond the scope of such standard provision.
- 1.0.3 Household Waste Recycling Centres are known locally as Community Recycling Centres (CRC Sites) although they will continue to be referred to as HWRCs for the remainder of this document.

1.1 Site Setting

- 1.1.1 The location of the proposed HWRC is on an area of land off Pantybrad, near to its junction with Heol-y-Sarn, the main road servicing the Llantrisant Business Park, at National Grid Reference E-304125, N-185122. The main access to the site will be via the Business Park from the A4119 (Ynysmaerdy roundabout).
- 1.1.2 The Nant Mychudd, a tributary to the Ely River borders the site at its south eastern extent. From this location the ground gently slopes upward in a north westerly direction to an elevation of around 75 mAOD.
- 1.1.3 The nearest residential property is 'Glanmychydd-fach' which is located approximately 70m to the north-west of the site, whilst the area immediately to the south consists of a number of commercial developments including the Royal Mint. The areas to the north of the site constitute farmland the majority of which appears to be used for the sole purpose of grazing livestock (MAGIC.gov.uk).
- 1.1.4 The Nant Mychudd watercourse flows along the site's southern boundary towards it's confluence with the River Ely at NGR E-303500, W-183400. A historical Environment Agency (now Natural Resource Wales) water quality monitoring station is located approximately 350 downstream from the proposed CRC Site on the Nant Mychudd. During the 5 year period Jan-05 to Dec-09, this stretch of the watercourse has been classified as Grade A for Water Chemistry and Grade B for Biology (What's in my backyard, www.environment-agency.gov.uk).
- 1.1.5 The site is owned by Tom Pritchard Contracting Ltd and will be leased to RCTCBC for an extended period of time to allow the continued operation of the proposed HWRC.

1.2 Provisions for Waste Recycling Activities

- 1.2.1 An Environmental Permit is now sought for the operation of a HWRC at Pantybrad site, which will be known locally as the Llantrisant Community Recycling Centre. The proposed HWRC will allow the sorting of domestic recyclable materials into designated skips, which shall be located on a concrete slab covering the whole area of the site.

1.2.2 The proposed hours of operation / waste acceptance at the site are as follows:

April to September:	Mon – Sun	0800 – 1930 hrs
October to March:	Mon – Sun	0830 – 1730 hrs

Closed on Christmas Day and New Years Day

The Operating Company will not operate outside the hours stated above, other than in an emergency situation, in which case NRW will be informed within 24 hours.

1.2.3 Typical daily operation of the facility will involve the following:

- Members of the public will enter the site using vehicular transport. Once on site the vehicle shall be parked and recyclable materials carried to a number of waste receptacles for recycling or disposal.
- Periodically, the skips are transported off site for the contents to be recycled or disposed accordingly.

1.2.4 Certain household items segregated at the site are classed as hazardous waste these include the following:

- Florescent Tubes
- Car Batteries
- Paint
- Household Chemicals
- Waste Electronic and Electrical Equipment (WEEE) – Large and Small

These will be stored, transported and recovered / disposed in accordance with relevant waste regulations. The full list of waste proposed for acceptance at the site is provided in Appendix B.

1.3 Site Condition

1.3.1 The site has been subject to a Geo-Environmental investigation, the findings of which are presented in Report No. 12640, *Geo-Environmental Report: Proposed Waste Recycling Facility, Llantrisant Business Park*, (Terra Firma, Apri-14). This document sets out the current status of the site (i.e. prior to development) with regards to past land uses and existing geo-environmental hazards

1.3.2 The report is summarised below in support of this Permit Application and the full text is provided in Appendix C:

- Historical maps and online databases have been used to determine previous land uses at the site.
- It was reported that the site remained unused until the early 1990's when evidence suggests the site was used as a landfill.
- The ground investigation constituted a total of 10 trial pits spread over the extent of the site. These were undertaken in order to ascertain shallow ground conditions.
- No contamination was noted at the site, when considering guidelines for commercial development. Furthermore the risk to proximal aquatic

environments, including the Nant Mychudd watercourse was determined to be low, given the leaching potential of the made ground at the site.

- 1.3.3 The above referenced geo-environmental report does not identify any potential contamination at the site. Therefore, for the purpose of this Permit Application the site is considered to be uncontaminated.

2.0 PROPOSED WASTE MANAGEMENT OPERATIONS

2.1 Types of Wastes Accepted

- 2.1.1 Waste accepted into the facility will comprise segregated household waste. In accordance with the European Waste Catalogue the site will accept the waste types described in Appendix B. No asbestos waste or cement resin will be accepted at the site.
- 2.1.2 The waste specifically targeted as part of recycling activities at the site will be in the main, 'dry recyclables'. It is however, acknowledged that some non-recyclable waste may arise as a variety of household objects are separated. Provision will be made to collect non-recyclable waste in a general refuse skip. Site Attendants will be instructed to discourage the disposal of general refuse / mixed waste (i.e. black bags waste) under normal operating conditions.
- 2.1.3 The total volume of waste accepted at the site shall be limited to 7,500 Tonnes per annum. The full list of waste proposed for acceptance at the site is provided in Appendix B.
- 2.1.4 Site operatives shall be employed at the site in accordance with the Company's Environmental Management System. They will be tasked with checking incoming waste to ensure that is compliant with those waste types permitted accepted at the site.

2.2 Waste Management Infrastructure

- 2.2.1 Waste operations proposed for the Llantrisant HWRC shall be carried out on a sealed surface. This will be achieved by the construction of a 266mm thick reinforced concrete floor (concrete pad) with suitable jointing. The perimeter of the concrete pad shall be constrained by the presence of highway grade kerbing. These kerbs shall protrude at least 100mm above the surface of the concrete and shall be sufficient to contain all drainage generated from the area of waste management activities.
- 2.2.2 The concrete pad shall be constructed with a 1 in 50 gradient, running from the north east corner of the site. Surface water run-off shall be prevented from leaving the concrete surface by the presence of highway grade kerbing. A series of Gully Pot Drains shall be installed and maintained at the site. These shall be of a suitable size and specification to deal with all surface drainage generated at the site, up to and including a 1 in 100 year storm.
- 2.2.3 Drainage collected at the site will be directed to a Class I Full Retention Oil Interceptor via a simple network of underground sealed pipes. Treated water from the Interceptor is proposed to be discharged to the Nant Mychudd via a dedicated pipe at NGR E-304148, N-185050.
- 2.2.4 Access for site users to a number of 45 Yard Skips (hook-lift roll-on / roll-off containers) will be via an elevated platform formed from modular reinforced

concrete components. These will typically constitute inverted U-shaped modules (manufactured by Modulo Beton - www.modulo-beton.co.uk/en) which are joined together with entry and exit ramps to provide a platform approximately 2 metres above ground.

- 2.2.5 The modular platform will be placed within the footprint of the concrete surface described in 2.21 and all drainage generated on the upper platform shall be collected and directed to the site's drainage system.

2.3 Technical Standards

- 2.3.1 The proposed HWRC shall be constructed in a manner that gives due consideration to Construction Quality Control. Key elements of the construction works shall be verified by a suitably qualified Civil Engineer and a Record of Works maintained.

Concrete Surface

- 2.3.2 In order to prevent waste contamination entering the ground beneath the site, waste management activities will be undertaken on a sealed surface. The sealed surface at the Llantrisant HWRC will constitute a 250mm thick reinforced concrete pavement, laid on compacted sub-base.
- 2.3.3 The construction of the concrete pavement shall be supervised by a suitably qualified Civil Engineer and be fit for the intended purpose of waste management.

Drainage

- 2.3.3 In order to ensure that all drainage works associated with the proposed development are properly sealed in order to protect against any discharge to groundwater the following actions will be taken and recorded by the Supervising Engineer:
- Records for the delivery of all drainage materials will be kept by the Supervising Engineer. All drainage material will be neatly stored on a flat surface to ensure that no damage to the materials occurs.
 - The installation of all drainage pipe-work associated with the development shall be supervised by the Supervising Engineer to ensure they are completed in accordance with the specification for the works. These observations will be recorded in the Engineer's Record of Works, along with the time and duration of the works.
 - All drainage connections shall be checked by the Supervising Engineer to ensure that they are properly made in accordance with the manufacturer's specifications. These observations will be recorded in the Engineer's Record of Works, along with the time and duration of the works.
 - All control valves associated with the proposed Oil Interceptor will be tested to ensure that they function in accordance with the manufacturer's specification. This will be verified by the Supervising Engineer with a record of any observations made in the Engineer's Record of Works.

2.4 Operating Techniques

- 2.4.1 The day to day operation of the proposed HWRC at Llantrisant will be undertaken in accordance with a site specific Environmental Management System (Appendix

D). The daily implementation of agreed working practices shall be overseen by a nominated Technical Competent Manager (TCM) with suitable certification.

- 2.4.2 The operation shall be limited to manual sorting and storage of mixed municipal waste, which will include some materials classed as hazardous (e.g. florescent tubes).

2.4 Emissions

- 2.4.1 Waste operations to be undertaken at the proposed HWRC are considered to be low risk. There will however be some emissions associated with the waste management activities undertaken at the site and these have been assessed as follows:

- Odour
- Noise
- Dust
- Litter
- Site Drainage / Flooding

- 2.4.2 The impact of the above identified emissions has been assessed in section 3.0. It is acknowledged that the discharge of treated site drainage is of primary consideration and in order to mitigate such risk, it is proposed to undertake routine monitoring of the quality of water discharged from the site (as outline in section 2.5).

2.5 Monitoring

- 2.5.1 It is proposed to undertake monthly monitoring of site drainage discharged to the Nant Mychudd watercourse.

- 2.5.2 This shall be undertaken in accordance with the Company's documented procedures for surface water monitoring and will be limited to the following parameters:

- Chemical Oxygen Demand (mg/l)
- Ammoniacal Nitrogen (NH₄ as N in mg/l)
- Biological Oxygen Demand 5 Day ATU (mg/l)
- pH
- Electronic Conductivity
- Mineral Oils
- Suspended Solids

- 2.5.3 In addition to physical inspection, the results of this monitoring shall be used to assess the ongoing effectiveness of measures employed for the control and treatment of site drainage.

3.0 ASSESSMENT OF RISK

3.1 Overview

3.1.1 Assessment of risk is to be undertaken using the EPR H1 approach, with software if necessary, or similar approach. There is a 4 stage framework to undertaking an H1 assessment:

- Step 1 – Identify risks from the activity
- Step 2 – Assess the risks and check they are acceptable
- Step 3 – Justify appropriate measures to control risks (if needed)
- Step 4 – Present assessment

3.1.2 Environment Agency Horizontal Guidance Note H1 (Overview Document) identifies that the following assessments are likely to be the most applicable to waste operations, although the document notes *'...but see if you think a suggested annex is relevant to your activity...'*:

- Amenity and accidents (odour, noise and vibration, fugitive emissions (including dust and pests), visible plumes and accidents)
- Surface water (basic)
- Air
- Site Waste
- Global warming potential
- Justification and costs and benefit analysis of control measures (if needed)

3.1.3 The Agency guidance contains a separate annex for the undertaking of each assessment. The guidance requires that the following are established:

- What are the chances of causing harm?
- How serious could the harm be?
- What is the overall risk?

3.1.4 The H1 risk assessment takes the form of a table that identifies:

- Hazards
- Receptors
- Pathways
- Risk management measures
- Probability of exposure
- Consequence
- Overall risk

3.2 Site Specific Risk Assessment

3.2.1 In considering the receptors associated with the site, it is noted that the site is located in an area where there are none of the following within 2 km of the site (www.MAGIC.gov.uk , accessed 25/06/2014):

- Nitrate Vulnerable Zone
- Local Nature Reserve
- National Nature Reserve
- Ramsar Site
- Special Protection Area
- Special Area of Conservation
- Nitrate Sensitive Area
- Area of Outstanding Natural Beauty
- National Park

3.2.2 The site is however within 2km of the following Special Sites of Scientific Interest (SSSI):

- Llantrisant Common and Pastures
- Rhos Tonyrefail SSSI

3.2.3 In addition to site operatives employed at the site the following residential and commercial receptors have been identified:

Residential: 50m - Glan Mychydd Fach
400m - Rhiwfelin Fach Farm
600m - Tal-y-Fedw Farm
670m - Ty Clwyddau Farm

Commercial: 50m - Country Timbers
65m - The Royal Mint
150m - Sigma3 Kitchens
370m - The Three Saints
380m - DBK Technitherm Ltd.

3.2.3 The identification of hazards, assessment of risk and management measures are discussed in Tables 3.1 to 3.8 (below). A habitat risk assessment is presented in Appendix E for the above identified Special Sites of Scientific Interest.

Table 3.1: Odour

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Odour generated from biodegradable waste material separated and stored at the site.	Local Residents	Air transport then inhalation.	The majority of waste collected at the site will be dry recyclable materials (i.e. paper, plastic, glass, metal). Some biodegradable waste (i.e. garden waste) will be stored at the site, but the duration of storage will be short, preventing significant odour generation.	LOW	Nuisance, loss of amenity, perceived ill health effects.	LOW
	Commercial Properties / Business Users	Air transport then inhalation.		LOW		A significant amount of commercial activity exists immediately south of the site. The nearest commercial property is Country Timber located 60m to the south of the site.

Table 3.2: Noise and Vibration

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Noise from delivery and removal vehicles, including reversing alarms.	Site Operatives	During site direction of vehicles and materials handling	Machine noise is kept to a minimum by regular servicing and maintenance of vehicles. Ear protection shall be issued to staff if considered necessary.	LOW Experience of operating HWRC for over 15 years. No complaints from staff to date.	Possible incidence of hearing loss or effects such as tinnitus.	LOW
	Residents	Noise travel to residential or commercial locations	Machine noise is kept to a minimum by regular servicing and maintenance of the site plant. Any complaints will be recorded in the site diary and reported to the Operations Manager immediately.	LOW Nearest residential area is 400m north. No record of noise complaints from similar sites operated by the Company.	Nuisance, loss of amenity, perceived ill health effects.	LOW
	Commercial Properties / Business Users	Noise travel to residential or commercial locations		LOW Infrequent occurrence. No record of complaints to date. Nearest commercial property is Country Timber located 60m to the south.		LOW

Table 3.3: Fugitive Emissions - Dust

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Dust from generated by vehicles accessing the site, including residents cars and HGVs (i.e. skip lorries).	Site Operatives	Air transport then inhalation.	Waste types likely to generate dust will be limited to household generated builder's rubble / inert material. The waste will be limited to 2500 Tonnes per annum with a maximum storage capacity of 50 Tonnes at any one time. Measure for the control of dust outlined in Environmental Management System, including daily inspections by site staff and internal audits by TCM.	MEDIUM Experience of other sites does not indicate this as an issue. Acknowledged that regular monitoring is required.	Harm to human health - respiratory irritation and illness.	LOW
	Local Residents			LOW Nearest residential area is 400m north, very unlikely that operations will generate dust at levels with the potential to migrate this distance.		LOW
	Commercial Properties / Business Users			LOW Experience of other sites does not indicate this as an issue Acknowledged that regular monitoring is required.		LOW

Table 3.4: Fugitive Emissions - Litter

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Litter generated from waste materials deposited at the site.	Local Residents	Air transport then deposition on neighbouring land.	All waste contained with sealed containers. Site Attendant continuously checking and cleaning around waste containers.	LOW Measure for the control of litter outlined in Environmental Management System, including daily inspections by site staff and internal audits by TCM.	Nuisance, loss of amenity and harm to animal health	LOW
	Commercial Properties / Business Users					LOW
Waste, litter and mud on local roads.	Local Residents	Vehicles entering and leaving site.	All waste contained with sealed containers. Site Attendant continuously checking and cleaning around waste containers. Vehicle drivers daily checks on vehicles.	LOW Measure for the control of litter outlined in Environmental Management System, including daily inspections by site staff and internal audits by TCM.	Nuisance, loss of amenity, road traffic accidents.	LOW
	Commercial Properties / Business Users					LOW

Table 3.5: Fugitive Emissions - Pests

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Scavenging animals and scavenging birds.	Local Residents	Waste materials carried over land and through the air by birds.	The majority of waste collected at the site will be dry recyclable materials (i.e. paper, plastic, glass, metal).	LOW Measure for the control of pests outlined in Environmental Management System, including daily inspections by site staff and internal audits by TCM.	Harm to human health - from waste carried off site and faeces. Nuisance, loss of amenity and harm to animal health	LOW
	Commercial Properties / Business Users		Some biodegradable waste (i.e. garden waste) will be stored at the site, but this is not envisaged to be a food source for scavenging birds or animals.			LOW
Vermine – Rats, flies, Gulls etc.	Local Residents	Air and over land.	The majority of waste collected at the site will be dry recyclable materials (i.e. paper, plastic, glass, metal).	LOW Measures for the storage of waste, outlined in the Site's Environmental Management System. Daily inspection by site staff and internal audits by TCM	Nuisance, loss of amenity, perceived ill health effects.	LOW
	Commercial Properties / Business Users		Some biodegradable waste (i.e. garden waste) will be stored at the site, but this is not envisaged to be a food source for scavenging birds or animals.			LOW

Table 3.6: Surface Water

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Site Flooding	Local Environment	Waste material and contamination carried by floodwaters to local stream and residential or business properties.	The site is not located on a known flood plane. Surface water management system design to deal with 1 in 100 year storm event.	LOW Environmental Management System details measures for maintenance of site drainage infrastructure.	In the case of flooding on the site waste could be washed off site it may contaminate buildings / gardens / natural habitats downstream.	LOW
Contaminated Site Drainage	Nant Mychudd Watercourse and River Ely	Contaminated site drainage passes through direct run-off from the site or passes through site drainage system.	Waste management area contained by raised kerbs. Sealed drainage system directing drainage to Class I Oil Interceptor for treatment prior to disposal. Waste with leachable properties (i.e. stored in weather proof containers). Liquid waste stored in suitably 'bunded' containers with 110% storage capacity. Monitoring discharge.	LOW Environmental Management System details measures for maintenance of site drainage infrastructure.	Reduced water quality locally.	LOW

Table 3.7: Accidents – Solid Waste

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land.	Local Residents	Air transport of smoke.	Measures for the storage of waste, outlined in the Site's Environmental Management System. Daily inspection by site staff and internal audits by TCM. Emergency	LOW Considered Low as only small quantities of combustible waste are stored at the site at any time. Waste streams are stored within separate containers, reducing the risk of spreading.	Respiratory irritation, illness and nuisance.	LOW
	Commercial Properties / Business Users				As above plus disruption to business activities.	LOW
	Proximal Water Environments	Contaminated firewater released by site drainage.	Procedures for dealing with site fires.		Acute exposure to polluting substance.	LOW
Spillage of solid waste as a result of accident or vandalism / malicious actions.	Local Residents	Waste materials on ground, blown to the location of potential receptors	Emergency Action Plan to be invoked in the case of a spillage of solid waste.	LOW Considered to be low risk due to small amounts of waste materials stored at the site. Solid waste spillages have been shown to be very rare at Company's existing HWRCs.	Nuisance, loss of amenity and harm to animal health	LOW
	Commercial Properties / Business Users					LOW
	Proximal Water Environments					LOW

Table 3.8: Accidents – Liquid Waste

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Spillage of liquids during deposition or loading for transport	Proximal Water Environments	Through site drainage system into receiving watercourse at discharge location.	Measures for the storage of and acceptance of waste, outlined in the Site's Environmental Management System. Adopted procedures for dealing with and reporting spillages.	LOW Liquid waste accepted at the site will be limited to Oils, Paint and Household Chemicals. Deposition involves very low volumes (i.e. a tin or paint).	Acute effects: oxygen depletion, fish kill and algal blooms.	LOW
Vandalism causing the release of polluting materials to air, water or land.	Local Residents	Exposure to waste materials in the form of liquid or gas	Security measures in place.	LOW As above. In addition liquid waste containers shall be suitably bunded (having at least 110% storage capacity).	Nuisance, loss of amenity, perceived ill health effects.	LOW
	Commercial Properties / Business Users		Adopted procedures for dealing with and reporting spillages.			
	Proximal Water Environments	Discharge of liquid waste via site drainage.	Class I Full Retention Oil Interceptor with 'shut-off' valve.	LOW	Acute effects: oxygen depletion, fish kill and algal blooms.	LOW

4. ENVIRONMENTAL MANAGEMENT SYSTEM

4.1 Working Practices

4.1.1 The Company has documented procedures for each aspect of its operations (Working Plan). These documents are reviewed and updated to reflect operational changes as and when required.

4.2.1 The Working Plan for the proposed Llantrisant HWRC is presented in Appendix D.

4.2 Technical Competent Manager (TCM)

4.2.1 The Company acknowledges that good leadership and management skills are fundamental to operating an efficient and compliant waste management facility. In this respect the Company requires a number of its staff to undertake competency schemes recognised by NRW and the Environment Agency (in England).

4.2.2 Amgen Cymru uses the Certificate of Technical Competence (COTC) Scheme administered by the Waste Management Industry Training and Advisory Board (WAMITAB). It is envisaged that the nominated TCM for the proposed Llantrisant HWRC will be the Operations Manager, Assistance Manager or Commercial Manager, all of which maintain the following competencies:

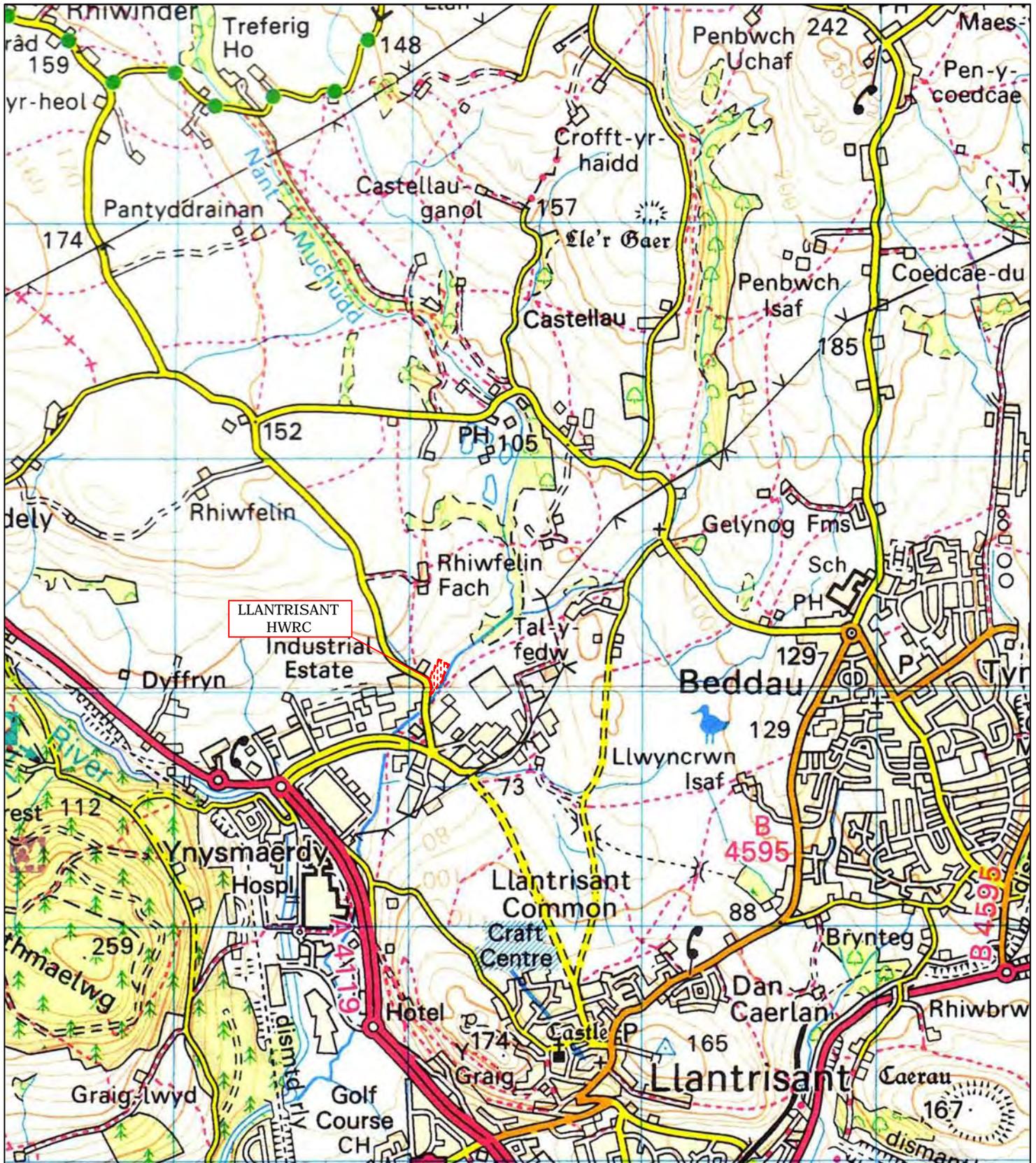
- 4TSH – Managing Transfer of Hazardous Waste
- 4TMH – Managing Treatment of Hazardous Waste

4.3 Environmental Management System

4.3.1 Amgen Cymru maintains an externally audited Environmental Management System. Since Apr-10 the Company has been certified ISO14001, with the previous annual audit undertaken on Apr-14.

Drawings

AC2014/ENV/03/001 – Location Plan
697-62 – Environmental Permit Boundary (Green Line)
697-28 – Proposed Civic Amenity Site
697-36 – Service Area Layout and River Outfall (Surface Water Discharge)



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AMGEN CYMRU
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CF44 OBX

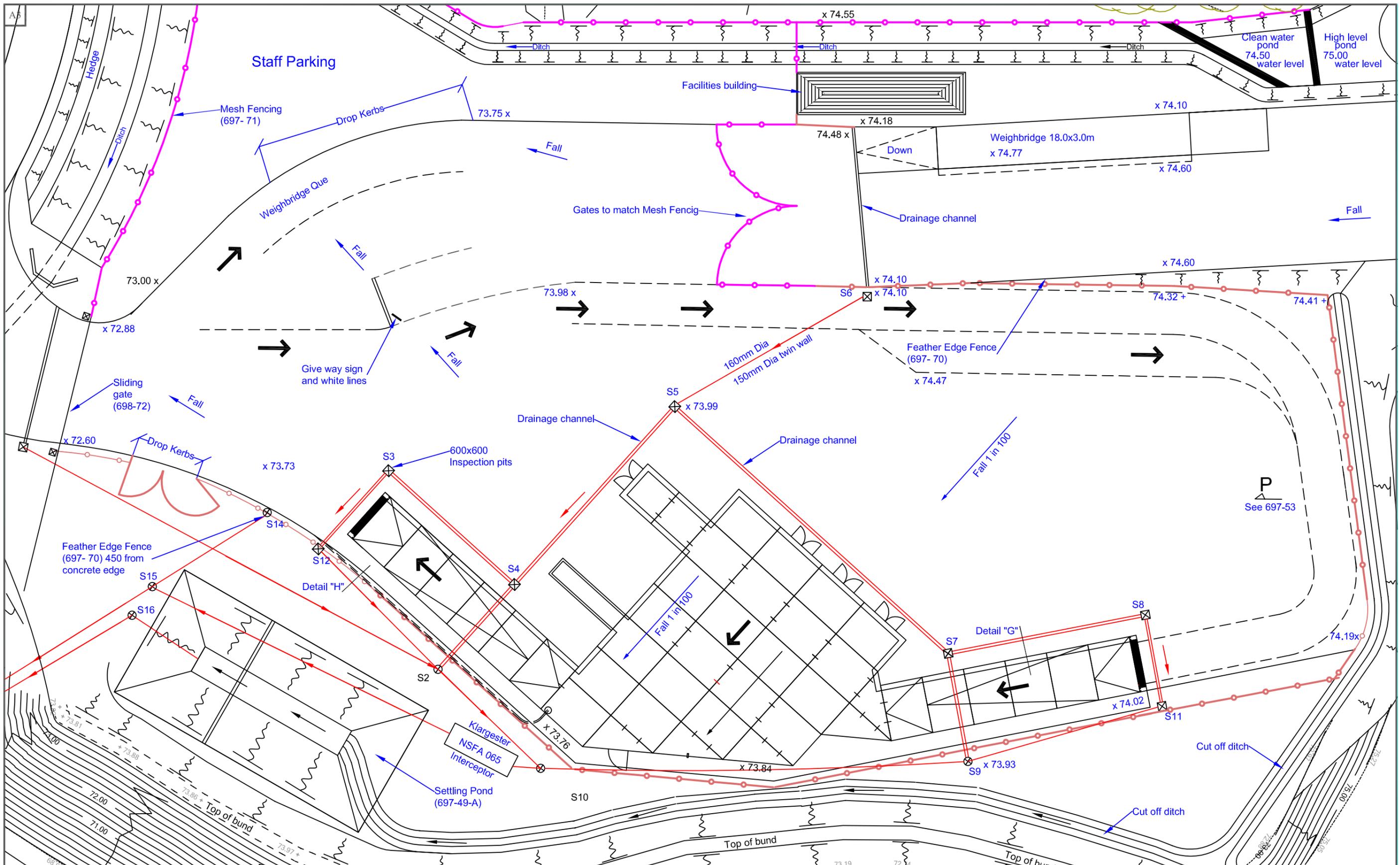
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DRAWING TITLE
SITE LOCATION PLAN

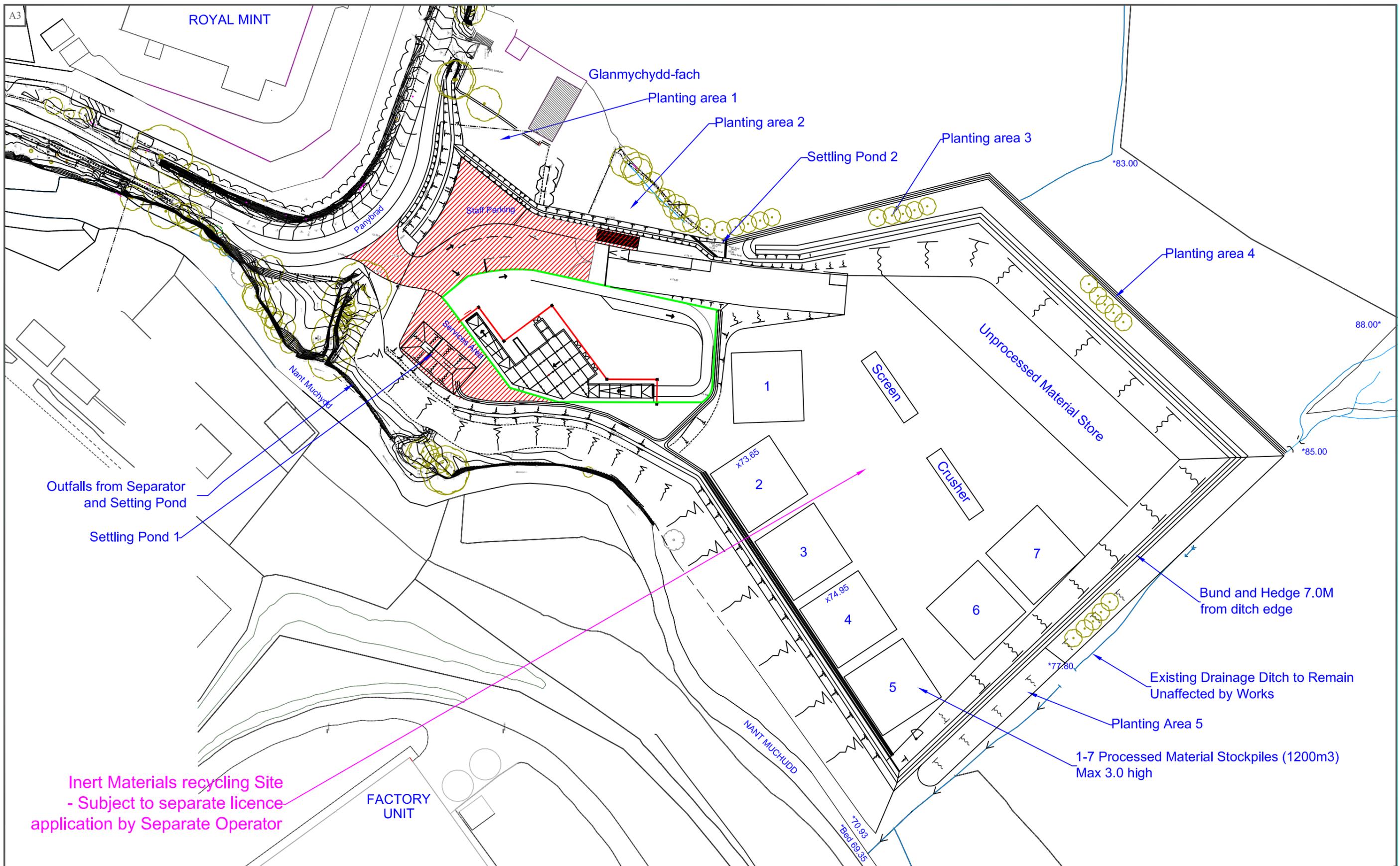
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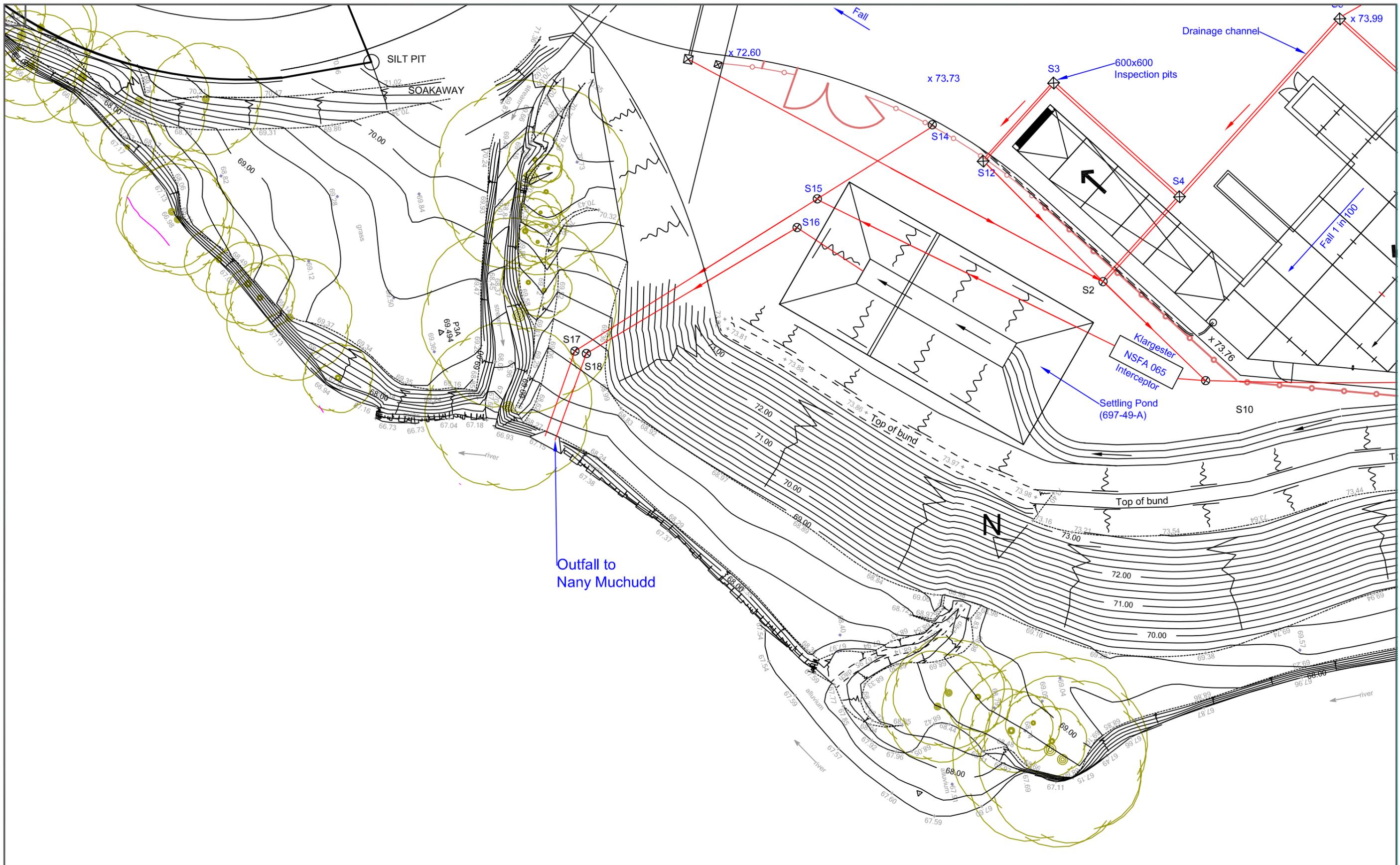
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		NOTES		Project: Llantrisant Recycling		PLANABUILD LIMITED 3 Laburnum Drive, Porthcawl CF36 5UA Tel: 01656 784674 Email: planabuild@btinternet.com <small>© Drawing Copyright Planabuild Ltd</small>
N	Redrawn	11/08/2014	Scale	1:250	Title: Proposed Civic Amenity Site	
REV.	DESCRIPTION	DATE	Date	22/04/2014		
			Drawn	J.W.		



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			Shared Areas with Inert Re-cycling Facility		Title: Environmental Permitting Site Area of Community Recycling Area		
			Scale: 1:1000	697-62			
			Date: 14/12/2011				
REV.	DESCRIPTION	DATE	Drawn: J.W.				



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				Title:	Service Area Layout and River Outfall	
REV.	DESCRIPTION	DATE	Scale	1:250	697-63	
			Date	22/07/2014		
			Drawn	J.W.		

List of Wastes Accepted

APPENDIX 1

PERMITTED WASTE CATEGORIES

The following schedules represent the List of Proposed Waste Types to be accepted at the Llantrisant Community Recycling Centre for Recovery, Recycling and Disposal. The schedules have been prepared in accordance with the European Waste Catalogue.

17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

- 17 08 Gypsum-based construction material*
 17 08 02 Gypsum based construction material other than those mentioned in 17 08 01

20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPERATELY COLLECTED FRACTIONS

- 20 01 separately collected fractions (except 15 01)*
 20 01 01 paper and cardboard
 20 01 02 glass
 20 01 08 biodegradable kitchen and canteen waste
 20 01 10 clothes
 20 01 11 textiles
 20 01 13* solvents
 20 01 14* acids
 20 01 15* alkalines
 20 01 17* photochemicals
 20 01 19* pesticides
 20 01 21* fluorescent tubes and other mercury containing wastes
 20 01 23* discarded equipment containing chlorofluorocarbons
 20 01 25 edible oil and fat
 20 01 26* oil and fat other than those mentioned in 20 01 25
 20 01 27* paint, inks, adhesives and resins containing dangerous substances
 20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27
 20 01 29* detergents containing dangerous substances
 20 01 30 detergents other than those mentioned in 20 01 29
 20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
 20 01 34 batteries and accumulators other than those mentioned in 20 01 33

20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
<i>20 02</i>	<i>garden and park wastes (including cemetery wastes)</i>
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
<i>20 03</i>	<i>other municipal wastes</i>
20 03 01	mixed municipal waste
20 03 07	bulky waste

13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
-----------	--

<i>13 02</i>	<i>waste engine gear and lubricating oils</i>
13 02 05*	mineral based non chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils

16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
-----------	---

<i>16 01</i>	<i>End-of-life vehicles from different means of transport [including off-machinery] and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</i>
16 01 03	End-of-life tyres
<i>16 02</i>	<i>waste from electrical and electronic equipment</i>
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 14	discarded equipment other those mentioned in 16 02 09 and 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
<i>16 05</i>	<i>gases in pressure containers and discarded chemicals</i>

16 05 05 gases in pressure containers other than those mentioned in 16 05
04

Any waste marked with (*) is designated as being a hazardous waste.

Geo-Environmental Site investigation Report

**GEO-ENVIRONMENTAL REPORT
PROPOSED WASTE RECYCLING
FACILITY, LLANTRISANT BUSINESS
PARK**

Prepared for:

Tom Pritchard Contracting Limited

April 2014

Report No. 12640




terrafirma

Environmental Management System (Working Plan)

Report No: AC2014/ENV/04
May 2014



**WORKING PLAN FOR LLANTRISANT
COMMUNITY RECYCLING CENTRE,
PANTYBRAD, LLANTRISANT, RHONDDA CYNON TAFF**

**Amgen Cymru
Bryn Pica Landfill Site
Llwydcoed
Aberdare
CF44 0BX**

**Phone: 01685 870770
Fax: 01685 874684**

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APPENDICES

Appendix A Drawings

Drawing No.	Title
AC2014/ENV/03/001	Site Location
697-62	Environmental Permit Boundary (Green Line)
697-28	Proposed Civic Amenity Site
697-36	Service Area Layout and River Outfall (Surface Water Discharge)

Appendix B List of Waste Accepted

Appendix C Certificates of Technical Competence

Appendix D Daily Inspection Sheet

Appendix E Procedure for Handling Skips

WORKING PLAN FOR LLANTRISANT, RHONDDA CYNON TAFF**1. GENERAL CONSIDERATIONS****1.1 Specified Waste Management Operations**

1.1.1 The proposed specified waste management operations undertaken at the site are classified as storage and transfer in accordance with Waste Regulations and associated national guidance.

1.1.2 The facility shall accept household waste deposited by the general public.

1.2 Permitted Wastes

1.2.1 The majority of the waste accepted into the facility will comprise segregated household waste. In accordance with the European Waste Catalogue the site will accept the waste types described in Appendix 1. No asbestos waste or cement resin will be accepted at the site.

1.2.2 As waste is separated, small amounts of other waste stream categories may be generated, which would be transferred to other activities on-site as appropriate, e.g. unrecoverable wastes would be transferred to a skip and disposed of to a suitable licensed disposal facility.

1.2.3 The storage containers available on site include:-

Wood	1 x 37.5m ³ container
Scrap	1 x 37.5m ³ container
Green waste	1 x 7.5m ³ container
Batteries	1 x 1m ³ container
Textile	1 x 2m ³ container
WEEE	3 x 1m ³ container
White Goods collection area	
Gas bottle collection area	

1.2.4 The number of containers present on site may increase or decrease dependent on the demand for recycling. It is not the intention of the Operating Company to notify Natural Resources Wales (NRW) of minor changes to the above container inventory and thus site layout.

1.3 Hours of Operation

1.3.1 The hours of operation and waste acceptance for the site are between:

April to September: Mon – Sun 0800 – 1930 hrs

October to March: Mon – Sun 0830 – 1730 hrs

Closed on Christmas Day and New Years Day

1.3.2 The Operating Company will not operate outside the hours stated above, other than in an emergency situation in which case NRW will be informed within 24 hours.

1.4 Staffing/Certificate of Technically Competent Persons

1.4.1 Operations authorised by the licence are controlled by a Management Team comprising the following positions currently held by the personnel named, each of whom holds the certificate indicated:

- | | | |
|----------------|--------------------|----------|
| • Bryn Jones | Site Manager | LB4/4TSH |
| • Lynne Davies | Commercial Manager | LB4/4TSH |

1.4.2 At least one Site Attendant shall be present at all times within the facility when it is open to the public. The operative shall be responsible for assisting the public to deposit waste and ensuring that the facility is operated in a tidy and efficient manner. Additional staff will be made available if and when required.

1.4.3 Day to day activities authorised at the site shall be the responsibility of the nominated Technically Competent Manager (TCM).

1.4.4 Copies of relevant certificates are in Appendix 2. NRW will be advised of any changes in personnel as soon as practicably possible.

1.5 Amendment Procedure

1.5.1 The Operating Company will give notice to Natural Resources Wales in writing of any material changes to the Working Plan. Implementation of any changes will only be put into effect and incorporated into the Working Plan when approval has been received in writing.

1.6 Site Location

- 1.6.1 The Llantrisant Community Recycling Centre is located off Pantybrad, a short distance from the junction with Heol-y-Sarn within the Llantrisant Business Park, Rhondda-Cynon-Taff. The National Grid Reference E-304150, N-185100. The location of the site in relation to its surroundings is illustrated on Dwg No. AC2014/ENV/03/001.
- 1.6.2 The site comprises an area of approximately 1800m². The site boundary (also taken to be the Permit Boundary) is shown in green on Dwg. No. 697-62 (Appendix A).

2. SITE ENGINEERING FOR POLLUTION PREVENTION AND CONTROL

2.1 General

- 2.1.1 The layout of the Community Recycling Centre is detailed on Dwg. No. 697-28. The facility is accessed by a double gate, just off Pantybrad. Waste management operations at the site shall be carried out on a sealed surface. This will be achieved by the construction of a 266mm thick reinforced concrete floor (concrete pad) with associated kerbing and drainage.
- 2.1.2 Access for site users to a number of 45 Yard Skips (hook-lift roll-on / roll-off containers) will be via an elevated platform formed from modular reinforced concrete components. These will typically constitute inverted U-shaped modules which are joined together with entry and exit ramps to provide a platform approximately 2 metres above ground.
- 2.1.3 The site will maintain a separate area for the storage of fridges. Other Large Domestic Appliances will be stored within the metals container from which they will be transported to an approved facility for the segregation and recycling of waste metals and large items of WEEE.
- 2.1.4 Waste oil shall be collected in a tank which is double skinned or constructed with a bund capable of retaining 110% of the tank capacity, in accordance with *Guidance note for the Control of Pollution (Oil Storage) (England) Regulations 2001, DEFRA, Mar-11*. Where necessary, additional bunding shall be constructed to ensure that spills occurring during deposit of oil by members of the public do not enter the surface water drainage system.
- 2.1.5 All other waste containers at the facility shall comprise open or closed roll-on roll-off containers, skips or banks, which shall be clearly labelled with the waste type to be deposited within it. In addition the modular storage will be used to provide additional undercover storage for items such as small WEEE and items for potential re-use (bicycles, furniture etc.).

2.2 Hardstanding

- 2.2.1 The facility consists of approximately 1800m² of hardstanding area which provides a low permeability durable barrier. This prevents the downward migration of surface water from the site. Any joints in the concrete shall be sealed to prevent water ingress.
- 2.2.2 The hardstanding has been constructed with a sufficient fall to encourage surface water run-off and prevent the formation of standing water. The perimeter of the

site shall be surrounded by a 100mm concrete kerb (other than the access road). This shall prevent the uncontrolled escape of surface drainage from the facility.

2.3 Drainage

2.3.1 Surface water drains shall be provided within the facility to control surface water run-off. Site drainage shall be collected via a series of gully pots and inspection chambers which will discharge, via a Class I Oil Interceptor to Nant Muchudd watercourse at NGR E-303500, N-183400.

2.4 Maintenance of Hardstanding and Drainage

2.4.1 The hardstanding and surface drains shall be inspected on a daily basis, with repairs to damaged areas that impact the effectiveness of the impermeable surface being carried out within one week. Records of all inspections and maintenance shall be made in the site diary.

2.4.2 In the case that there are signs of liquid wastes or leachates within the surface water drainage system then the Site Manager shall be informed and will be reported to National Resources Wales within 24 hours. Consideration will then be given to the design and installation of any remedial work required.

3. SITE INFRASTRUCTURE

3.1 Site Identification Board

3.1.1 An identification board will be situated at the entrance to the facility displaying the following information:

Operators Name and Address:	Amgen-Cymru Bryn Pica Llwydcoed Aberdare CF44 0BX
Telephone No:	01685 870770
Site Name and Address:	Llantrisant Community Recycling Centre Pantybrad Llantrisant Rhondda Cynon Taff POST CODE TO BE CONFIRMED
Opening Hours:	April to September: Mon – Sun 0800 – 1930 hrs October to March: Mon – Sun 0830 – 1730 hrs
Regulating Authority:	Natural Resources Wales Rivers House St Mellon's Business Park St Mellon's Cardiff CF3 0LT
General Enquiries:	0300 065 3000
Emergency Number:	
Emergency out of Hours Telephone Number:	0800 807060
Environmental Permit No.	TO BE CONFIRMED

This notice will be maintained in good order throughout the operational life of the facility.

3.2 Site Access and Site Roads

3.1.2 The site is located a short distance along Pantybrad from its junction with Heol-y-Sarn, Llantrisant Business Park. Access to the site is gained via a bridge over the Nant Mychudd. The referenced bridge is of suitable construction for the HGV traffic required to operate the site.

3.3 Site Accommodation and Facilities

3.3.1 The site accommodation comprises an administration office and staff toilet. This is located in the north-west corner of the facility.

3.3.2 In addition to those documents listed in 4.1.7 the following items shall be retained within the office at all times:

- First aid equipment.
- Fire fighting equipment.
- Spillage Kit

3.4 Site Security

General

3.4.1 The purpose of the security procedures is to safeguard site infrastructure and stored waste materials from thieves and vandals. This is achieved by:

- Presence of site staff during the day.
- Preventing unauthorised access to the site.
- Making buildings secure.
- Immobilising plant out of working hours.
- Locking up property or otherwise making it secure;

Main Entrance

3.4.2 The entrance into the site is fitted with a 1.95 m high palisade gate. This gate shall be kept locked at all times, other than during operational hours.

Site boundaries

3.4.3 The site boundary is defined by a green line shown on Dwg No. 697-62 (Appendix A).

3.4.4 The site is surrounded by a 1.95m high boundary fence of 'feather edge' construction.

Security Maintenance

3.4.5 The site's security infrastructure shall be inspected daily. An additional inspection will be carried out after any incident that may compromise the security of the facility, e.g. break-in. Damage to the fences or gate will be repaired as soon as reasonably practicable. A record of all inspections, damage and repairs will be maintained in the Site Diary.

4. SITE OPERATIONS

4.1 Notices, Forms and Documents

Notices (External)

4.1.1 The site will display a noticeboard (see Section 3.1) giving up-to-date details of :

- Name and address of the site.
- Authority name and address.
- Environmental Permit (reference number).
- Address of the local office of Natural Resources Wales.
- National telephone number of Natural Resources Wales.
- Emergency out of hours telephone number.
- Days and hours the site is open to receive waste.

4.1.2 Signs giving directions or advising restrictions (e.g. speed limits or "No Smoking") will be maintained within the site as appropriate. All signs will be maintained in a serviceable condition and cleaned if found to be dirty during daily operation or subsequent site audits.

Notices (Internal)

4.1.3 A noticeboard is to be maintained in the Site Administration Office with up-to-date versions of the following prominently displayed:

- Environmental Permit.
- Site Working Plan.

- Emergency telephone numbers.
- Certificate of Employers Liability Insurance.
- Site Safety Instructions.

4.1.4 These are to be displayed in a prominent position where company employees and site visitors are able to read them. Printed copies are to be available for issue from the head office, should these be requested.

4.1.5 The list of wastes types permitted for disposal and recycling at the site is provided in Appendix B of this Working Plan of which an updated copy will be maintained at the site at all times.

4.1.6 It shall be the responsibility of the Site Manager's to assess the ongoing requirement for site notices. He / she shall make changes and they see fit in order to maintain a safe and efficient operation.

Company Site Documents

4.1.7 The following documents will be maintained in the Site Administration Office:

- Working Plan.
- Environmental Permit
- Company Safety Policy
- Skips Removed Records
- Emergency Procedures
- Site Diary / Daily Inspection Sheet (Appendix D)

4.1.8 The Site Manager, in conjunction with site operatives, shall maintain a Site Diary into which any matters of significance are entered. This shall include the following details:

- Site inspection and any actions taken.
- Plant/machinery breakdowns.
- Accidents and emergencies and actions taken.
- Names of visitors to the site and their purpose.
- Date, time and reasons for any interruptions to the normal operations of the site.
- Cleaning of Oil Interceptor.

4.1.9 The Site Manager, in conjunction with site operatives, will also maintain a visitor's book in which all visitors (except the general public depositing waste) are required to sign. The visitor's book will be kept at the Site Office.

4.2 Site Safety

Policy

4.2.1 All levels of management are responsible for ensuring that the Company Safety Policy is being fully implemented. The Site Manager is responsible for ensuring that all site staff are fully aware of the Company Safety Policy and that agreed procedures are implemented accordingly.

4.2.2 Each member of Amgen staff is issued with a copy of the Company Safety Policy.

Personal Protective Clothing

4.2.3 Personal protective clothing will be worn at all times when in operational areas. This will include the following:

- Protective footwear.
- High visibility jacket or vest.
- Hard hat c/w visor (when undertaking compaction operations).
- Protective gloves (when working in direct contact with waste).
- Protective goggles (where necessary).

4.3 Security of Buildings and Property

Buildings

4.3.1 The following actions shall be undertaken to ensure the security of buildings and property:

- Keys to the site gates and other site facilities will only be kept by authorised persons.
- A key register shall be maintained at the Company's head office.

4.4 Visitors

4.4.1 Visitors or contractors are required to report to the Site Administration Office, as directed by the signs. The visitor will then be received by the Site Manager, or his nominated representative in accordance with the following procedure:

- Contractors shall be made aware of relevant operational practices and procedures so that the work of the contractor does not affect the environmental performance of the site and restrict public access.
- Correct protective clothing shall be issued to contractors if required, but only to visitors if they plan to enter the operational areas.

4.4.2 The following is a minimum checklist for personal protective equipment:

Operational Areas:

- High visibility jacket or vest
- Protective Footwear

4.4.3 On completion of the visit or at the end of the working day the visitor or contractor shall sign out.

4.5 Report of Thefts

4.5.1 Any break-in/vandalism/theft shall be reported to the Operations Manager and recorded in the Site Diary. Where an outside element is suspected the Police shall be informed without delay.

4.6 Plant Maintenance

4.6.1 All plant and equipment shall be maintained in good working order and in accordance with the supplier's/manufacture's recommendations.

4.6.2 Site attendants will be responsible for the daily and weekly checks and maintenance of the machinery used at the site. Any defects identified shall be immediately reported to the Site Manager or a nominated representative.

4.7 Waste Acceptance and Control

General

4.7.1 The following section describes the acceptance and control of waste and recyclable materials at the site. The general layout of the facility and the position of the various receptacles is illustrated on Dwg No. 697-28.

4.7.2. The site will not accept general mixed waste (i.e. municipal residual waste) and will be restricted to the acceptance of segregated wastes which fall into the following categories

Compostable Waste

4.7.9 Containers shall be maintained for compostable materials, such as garden waste, according to demand (seasonal). The skip shall be emptied when it becomes full, or on a weekly basis, whichever is sooner. It is envisaged that Site Operatives

may choose to compact the green waste into the container in order to fully utilise its capacity.

4.7.10 Where site users bring compostable wastes in plastic bags, these will be emptied and empty bags placed in a small wheeled bin placed at a suitable location. This shall be clearly signposted and will be collected separately at an appropriate time.

General Segregated Wastes

4.7.11 Separate containers shall be maintained for the collection of the following waste types:

- Scrap metal (ferrous and non-ferrous).
- Wood
- Paper
- Cardboard
- Glass
- Can banks (steel and aluminium).
- Textiles.
- Mixed Recyclable Material

Additional containers may be provided as further waste materials become recoverable with advances in waste management practice.

Hazardous Wastes

4.7.12 Several of the separately collected fractions taken at the site are classified as Hazardous Wastes. Such wastes are subject to special control measures and will be stored in accordance with the appropriate waste regulations.

4.7.13 The following hazardous wastes shall be accepted at the Llantrisant CRC in dedicated waste containers:

- Batteries
- Gas Cylinders
- Electronic / WEEE Goods
- White Goods (including fridges)
- Florescent Tubes
- Paint
- Household Chemicals

Batteries

- 4.7.14 Car batteries shall be stored in an acid and leak-proof lidded battery storage container. Members of the public will be requested to seek assistance from site attendant prior to depositing car batteries. This requirement shall be clearly labelled at the site.
- 4.7.15 No more than 1m³ of car batteries shall be kept within the facility at any time. Waste batteries shall be collected by registered waste carriers for off-site recycling when sufficient batteries have been accumulated.
- 4.7.16 The area around the battery container will be checked and any leaks and spillages cleaned up as described in the pollution control monitoring report (human health) Section 6 of this Working Plan.

Waste Oil

- 4.7.17 Waste oil shall be poured directly into the storage tank by members of the public who shall be requested to seek assistance from a Site Operative. This requirement shall be clearly signposted.
- 4.7.18 When the tank reaches 90% of its capacity, the oil shall be transferred to an authorised facility for processing by means of a pump and mobile bowser. The site operatives shall ensure that members of the public do not leave any containers of oil adjacent to the tank. Empty containers shall be deposited within the residual waste container.
- 4.7.19 The tank will be inspected daily as per the daily inspection sheet, a dip stick will be utilised to determine 90% capacity. When the tank reaches capacity the Site Manager or his nominated representative will arrange for the tank to be emptied.

Large Domestic Appliances (LDA's)

- 4.7.20 With the exception of refrigerators, large items of WEEE inclusive of LDA's shall be stored in a separate skip. This skip shall be accessed via the split level facility to allow for easy deposition of large bulky items.
- 4.7.21 Refrigerators and similar appliances shall be stored in a separate area of the facility. When a sufficient amount of goods have been accumulated to merit economic disposal, they shall be removed off-site as whole items by a specialist sub-contractor. The sub-contractor will normally be contacted when there are up to 40 units on site, giving a maximum storage capacity prior to collection of around 50 units.

4.7.22 Refrigerators will be stored on site in accordance with the Environment Agency's 'Guidance on the Storage of Fridges'. This states that when storing fridges measures must be taken to prevent children becoming trapped inside, by: a) removal of doors, or b) removal of the rubber door seal and taping the door shut.

Electronic / WEEE Goods

4.7.23 Smaller Waste Electronic and Electrical Equipment is collected and stored within a sealed container separate from other waste streams. This container will be clearly labelled and will be lockable. All WEEE accepted at the site is removed from the site to a suitably authorised facility within 72 hours of receipt

Metal Recycling

4.7.24 Facilities shall be provided on site for the recovery of cast, ferrous and non-ferrous metals. The metals will be sorted prior to being deposited in the metal recovery skips.

4.7.25 On entry to the CRC Site, householders wishing to deposit metal-only material will be directed via a sign to the area of the metal skip for sorting / off loading. Should the load be mixed the householder will be directed to the household waste disposal area for offloading.

4.7.26 Depending on the instruction of the Site Manager, site operatives may sort the metal waste from incoming mixed wastes. Material sorted in this manner shall be placed directly into the metal skip.

4.7.27 Large metal items brought on to the site will be placed onto large skips brought on to site on an "as and when needed" basis.

4.7.28 Site attendants will ensure that the area around the metal skip is free from any debris and obstructions with the potential to cause harm from injury.

4.7.29 The skips will be checked daily for evidence of damage or disrepair – any defects will be brought to the attention of the Site Manager or his nominated representative. Any significant defects will be repaired as soon as reasonably practicable.

4.8 Fires on Site

4.8.1 No waste will be burnt at the site.

4.8.2 All appropriate fire fighting equipment will be maintained on site to the satisfaction of the Health and Safety Officer.

4.8.3 Fire extinguishers for electrical and non-electrical fires will be maintained at the Site Administration Office and shall be used solely in the event of fire within the office. All site staff will be trained in the use of such appliances in accordance with the manufacturer's guidelines.

4.8.4 Site staff will be instructed to treat all fires on site as an emergency. Upon discovery of serious or potentially serious fires, the Emergency Services shall be called immediately, prior to taking the following action:

Location	Action
Incoming waste load, the waste can be off loaded	<ul style="list-style-type: none">• Isolate the burning area until the fire is extinguished.• Douse the burning area with water.
Incoming waste load, the waste cannot be off loaded	<ul style="list-style-type: none">• Isolate the vehicle, by towing if necessary, until the fire is extinguished.• Evacuate the area.
Site buildings	<ul style="list-style-type: none">• Switch off electrics.• Use fire extinguishers.

4.8.5 For non-serious fires, if the situation is not rectified by the above actions, the Emergency Services shall be called. In all cases, site staff shall notify the Fire Brigade and National Resources Wales as soon as practicable.

5. POLLUTION CONTROL, MONITORING AND REPORTING

5.1 General

5.1.1 This section identifies the measures carried out to monitor incoming waste and to protect the environment outside the facility. This section should be read in conjunction with the waste reception, sorting, treatment and dispatch procedures identified in detail in Section 4 (Site Operations).

5.2 Waste Acceptance and Treatment

5.2.1 Site operatives shall ensure that no unauthorised wastes are accepted at the site and that the wastes deposited are sorted and stored in accordance with the procedures outlined in this document.

5.2.2 Site operatives will carry out daily inspections of the waste reception activities.

5.2.3 The inspection shall include the following checks:

- Unacceptable wastes are identified appropriately.
- The load rejection procedures are correctly implemented.
- The quarantine procedures are correctly implemented.
- Wastes are appropriately unloaded.
- Wastes are sorted or stored prior to treatment in accordance with the procedures.

5.2.4 The Site Manager or his / her nominated representative will instigate remedial action once a problem is identified. The findings of the inspections and any subsequent actions will be recorded in the Site Diary.

5.2.5 A site attendant will be present during site opening hours and will be available to monitor the wastes accepted at the site. Each individual employed at the site will have knowledge of the existence of the Environmental Permit and be familiar with the Working Plan. He / she shall be suitably trained to a level that will allow them to identify the types and forms of waste accepted and prohibited at the site.

5.2.6 On entering the site the public will be directed to the various recycling areas by a series of signs and through the assistance of the site attendant.

5.2.7 All the skips on site shall be clearly labelled for ease of identification. These will be accessible to the public, and the members of the public are directed to individual skips depending on the material to be deposited and availability of space in each skip

5.2.9 In the event of a particularly large or hazardous deposit being made, Natural Resources Wales will be informed and removal procedures instigated.

5.3 Waste Quantity Measurement Systems

5.3.1 All outgoing waste for disposal and recyclable material will be subject to a documented inspection procedure to confirm the description and characterisation of the waste types prior to removal from the site. All outgoing loads will be weighed at the end destination and all paperwork forwarded to the company's head office.

5.4 Waste Storage and dispatch

5.4.1 Site staff are responsible for ensuring that the waste streams are stored in the correct locations, are well maintained, are kept separate from other materials and dispatched within the required timescale. This will be done in accordance with the approved procedures for handling skips (see Appendix 4).

5.4.2 The findings of any inspections and any subsequent actions shall be recorded in the Site Diary.

6. POLLUTION CONTROL, MONITORING AND REPORTING (HUMAN HEALTH)

6.1 General

6.1.1 This section describes the measures required to protect the environment against pollution which may cause harm to health or to the amenity value of the area. It should be read in conjunction with Section 4 (Site Operations) to ensure both on-site and off-site impacts of site operations are controlled.

6.2 Control, Monitoring and Reporting of Dust

6.2.1 Solid waste accepted to the site will be of a type that is unlikely to generate significant quantities of dusts, fibres or particulates.

6.2.2 The site shall be swept either manually or by a road sweeper on a regular basis to prevent the build up of mud and debris, which may generate dust in dry weather conditions. The Site Manager or a nominated representative will undertake a visual inspection of the level of dust generated during site operations. Where circumstances dictate, the company will undertake appropriate measures to control dust levels.

6.3 Control of Odours

6.3.1 In the event that odours are identified they shall be reported to the Operations Manager or his / her nominated representative. Thereafter arrangements will be made to remove the odorous waste from the site or suitable measures employed to suppress the odour.

6.4 Control and Monitoring of Noise

6.4.1 The risk of generating significant noise at the site has been assessed as being very low. Under normal conditions, daily operation will not involve the use of plant or heavy machinery. In the event of a complaint relating to noise, a record shall be made in the Site Diary.

6.4.2 Complaints relating to noise shall be investigated by the Site Manager (or a nominated representative) as soon as practicably possible. Any remedial actions identified will be implemented as soon as practicably possible and a record made in the site diary.

6.5 Control of Litter

6.5.1 The site attendant shall maintain the facility in a tidy manner, ensuring that the site users transfer waste into the correct receptacles in a control manner. He /

she will undertake handpicking or sweeping up of any litter that arises during daily operation, with the aim of keeping the site clean and tidy.

6.5.2 Site staff will identify any litter present within the site or litter which has blown beyond the site boundary.

6.5.3 In the event of a complaint relating to litter or the general cleanliness of the site, the Site Manager shall be informed immediately.

6.6 Control of Surface Water

6.6.1 The surface water drainage system shall discharge through a Class I Oil Interceptor and Sediment Trap. The interceptor shall be fitted with a suitable isolation ('cut-off') valve which may be used to stored liquid contaminants in the case of a significant spillage.

6.6.2 Any leaks or spills, shall be controlled promptly by site operatives using spill grains or sand (spill kit) kept at the site. The interceptor cut-off valve shall be closed in the event of a spill and any contaminated water pumped out and removed for disposal at an appropriately licensed facility. Contaminated grains shall be stored in a leak-proof sealed container within the office compound and disposed of to an appropriately authorised facility.

6.6.3 Amgen staff shall undertake monthly monitoring of site drainage discharged from the site's Oil Interceptor to the Nant Mychudd watercourse. Samples of the drainage shall be taken in accordance with the Company's documented procedures for surface water monitoring and shall be limited to the following parameters:

- Chemical Oxygen Demand (mg/l)
- Ammoniacal Nitrogen (NH₄ as N in mg/l)
- Biological Oxygen Demand 5 Day ATU (mg/l)
- pH
- Electronic Conductivity
- Mineral Oils
- Suspended Solids

6.3.7 It may be the case that no flow is observed from the site drainage during the routine monthly monitoring. This is likely to be the case if at the time of monitoring, prevailing weather conditions are dry. A visual observation of the flow (or lack of it) shall be recorded by Company Officers and no sample taken. Should this re-occur over a 2 month period, then officers will make a concerted effort to visit the site during a rainfall event in an attempt to gain a suitable sample of the discharge.

6.7 Control of Pests

- 6.7.1 The site supervisor shall look for evidence of pests during the daily site inspection.
- 6.7.2 In the event that a problem is identified the Site Manager will be informed and action will be taken to address the level of pests at the site. An appropriate level of extermination will be used if considered appropriate at the time.
- 6.7.3 The occurrence of a pest problem shall be recorded by the in the Site Diary in addition to the name of the persons to whom it was reported. In addition to this, a record of any remedial action subsequently taken shall be recorded.

6.8 Emergency Procedures for Leaks and Spillages

To ensure that any leaks and spillages of waste are contained within a protected area and cause the minimal environmental impact possible, the following steps will be followed: -

- A small leak or spillage of waste is one caused by things such as a splash or spill of oil whilst depositing oil in the waste oil tank. The volumes are small and are confined to a small area.
- If a small spill does occur then the spilled liquid shall to be covered with absorbent granules from the site spill kit at the earliest opportunity. This will be carried out by the site operative(s).
- The absorbent material shall be allowed to cover the spill for a sufficient amount of time to allow it to soak up the contamination.
- If for any reason there is a spill of solid waste or recyclable materials then the Site Manager shall be immediately informed. He / she will be responsible for co-ordinating an appropriate level of clean up. The level and type of action will be assessed on an incident by incident basis, but will result in the return of the site and the surrounding area to a clean and tidy state. Natural Resources Wales shall be informed of any potential environmental impact at the earliest opportunity.
- Where the immediate removal of waste materials is required then this shall be done in accordance with Hazardous Waste and Duty of Care Regulations. Removal will be undertaken by a registered waste carrier and the relevant documents to accompany the waste consignment shall be provided and a copy retained by the company.

7. SITE RECORDS

7.1 Security and Availability of Records

7.1.1 The operating company will make and keep records of a number of activities that form part of the operation of the site. These records will be kept in the company's head office.

7.2 General Site Administration

7.2.1 A Site Diary shall be kept in the site administration office. The nominate Site Operative shall be tasked with making a daily entry of site conditions, along with any incidents and / or the results of any inspections. The daily diary entry shall include, but may not be limited to the following information.

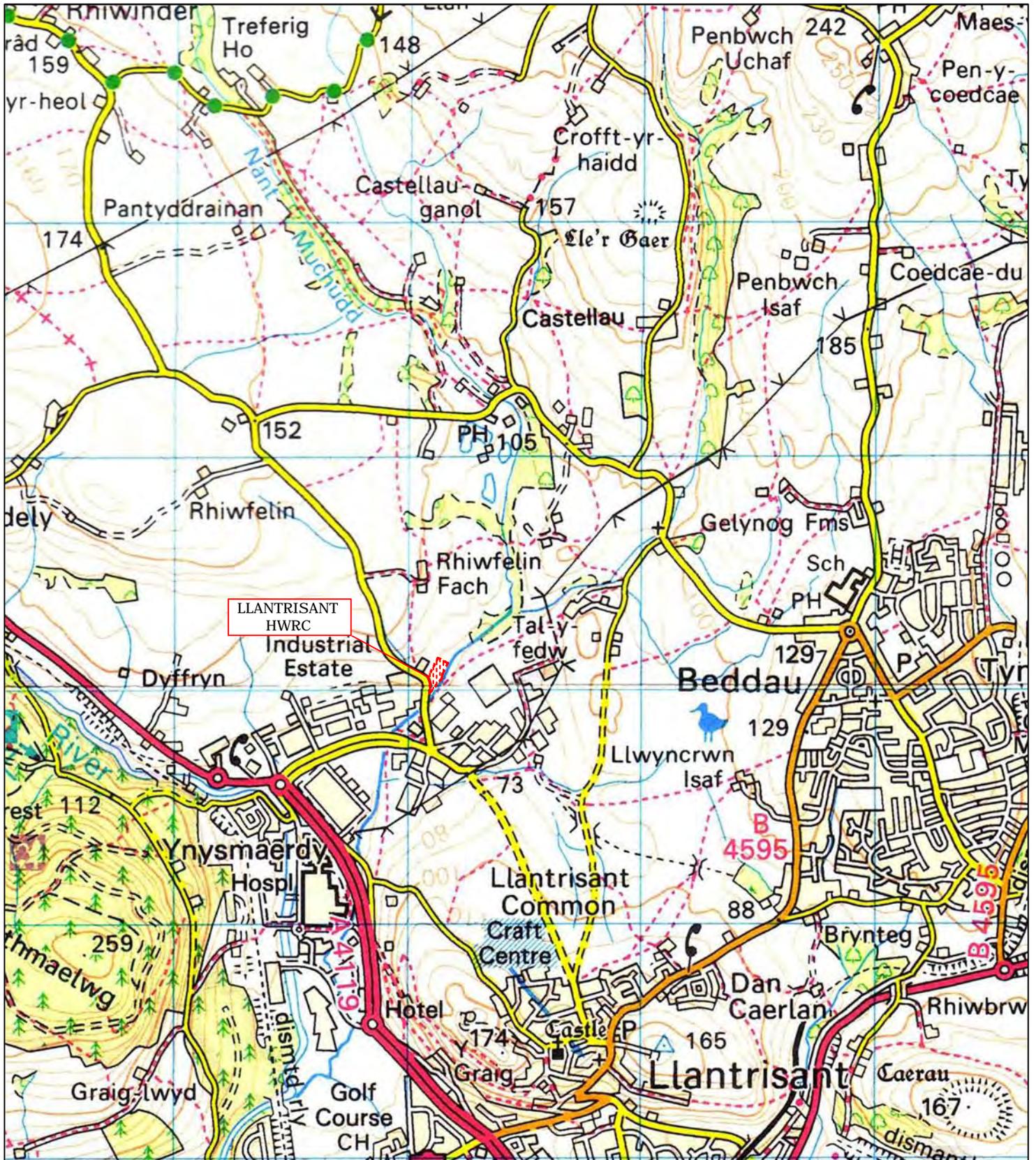
- Details of any unauthorised waste.
- Complaints received.
- Observations made during daily site inspections.
- Any incidents or unusual circumstances.

7.2.2 To assist in the completion of the diary sheet, the Site Operative will refer to a "daily inspection check list", Appendix E.

APPENDIX A

Drawings

AC2014/ENV/03/001 – Location Plan
697-62 – Environmental Permit Boundary (Green Line)
697-28 – Proposed Civic Amenity Site
697-36 – Service Area Layout and River Outfall (Surface Water Discharge)



REPRODUCED FROM ORDNANCE SURVEY 1:50,000 MAP WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT, LICENCE NUMBER AL50604A.



AMGEN CYMRU
BRYN PICA
LLWYDCOED
ABERDARE
CF44 OBX

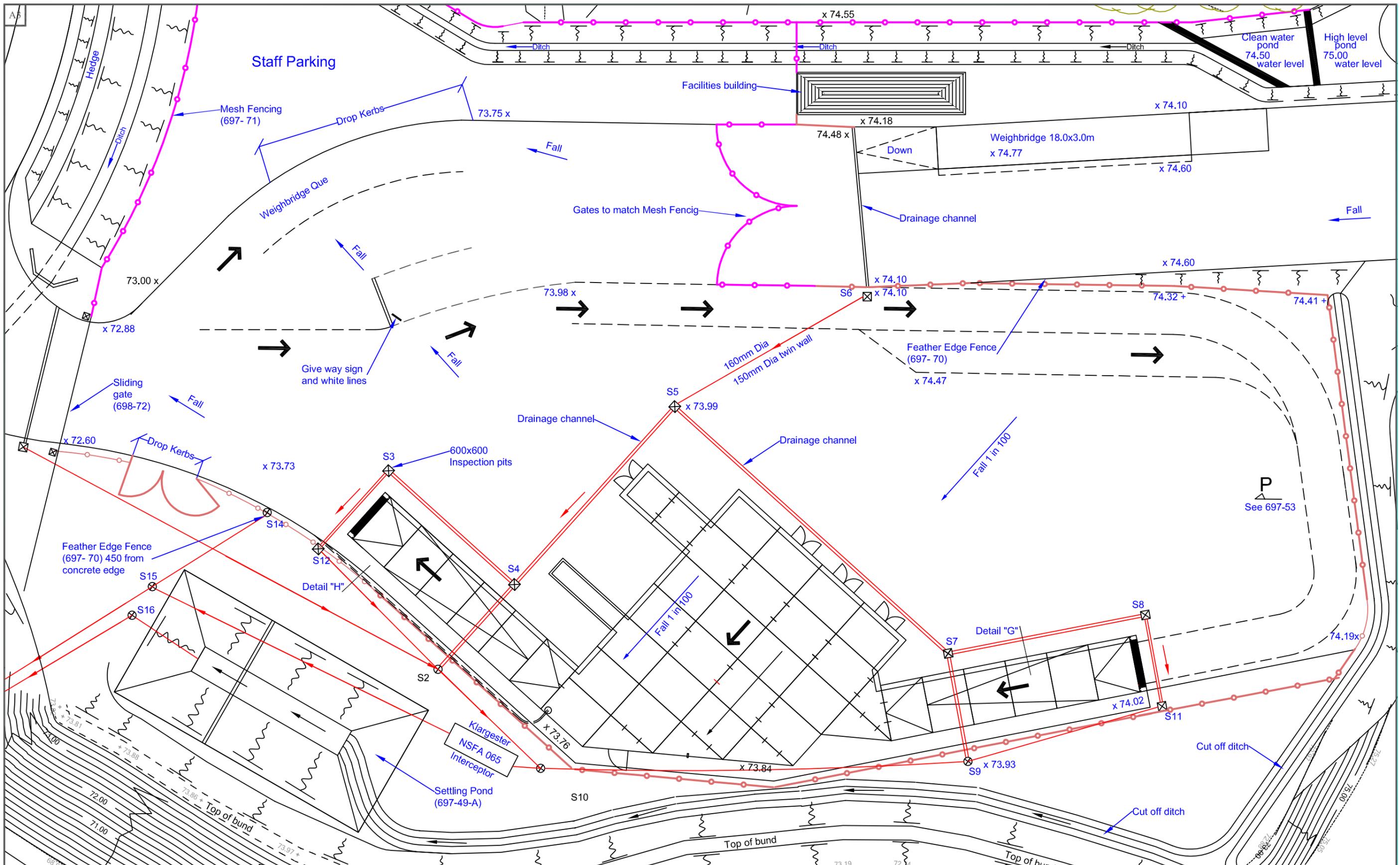
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APPLICATION FOR ENVIRONMENTAL PERMIT FOR LLANTRISANT HWRC

DRAWING TITLE
SITE LOCATION PLAN

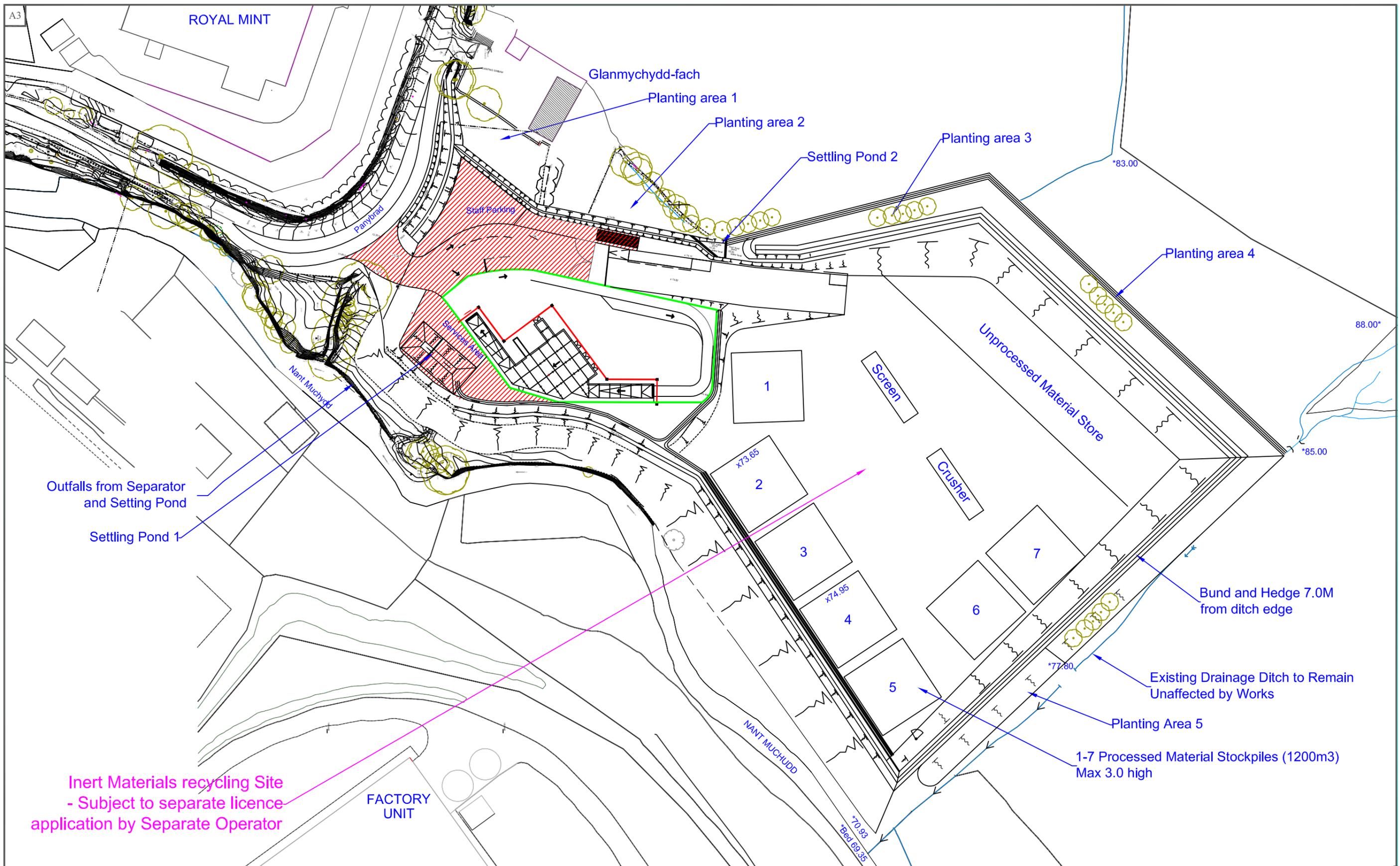
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APPROVED L. F.	DATE 11/09/14	

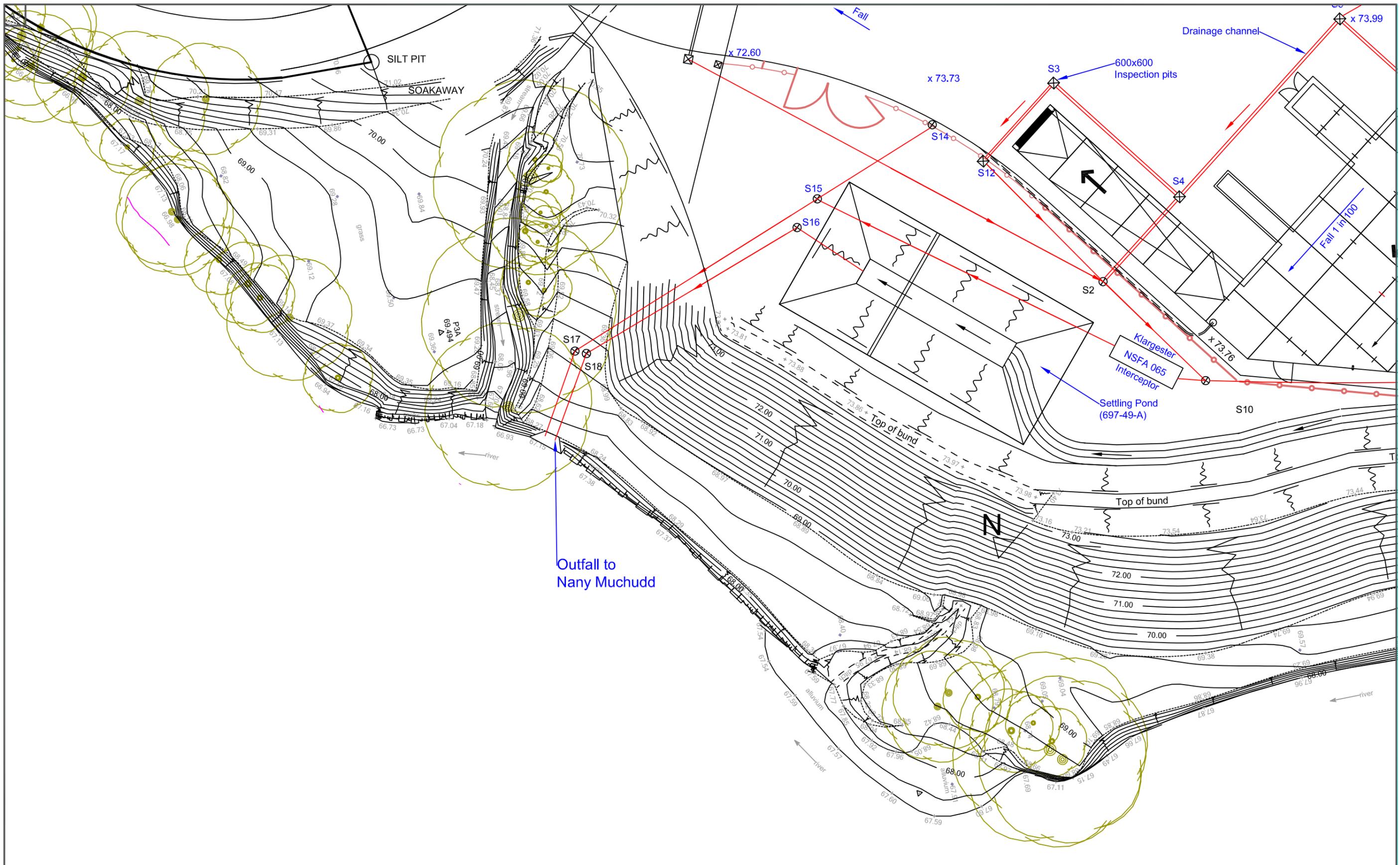
SCALE 1: 25,000	SHEET A4	DRAWING NO. AC2014/ENV/03/001
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		NOTES		Project: Llantrisant Recycling		PLANABUILD LIMITED 3 Laburnum Drive, Porthcawl CF36 5UA Tel: 01656 784674 Email: planabuild@btinternet.com <small>© Drawing Copyright Planabuild Ltd</small>	
N	Redrawn	11/08/2014	Scale: 1:250	697-28	N		Title: Proposed Civic Amenity Site
REV.	DESCRIPTION	DATE	Date: 22/04/2014				
			Drawn: J.W.				



			NOTES		Project: Llantrisant Recycling		PLANABUILD LIMITED 3 Laburnum Drive, Porthcawl CF36 5UA Tel: 01656 784674 Email: planabuild@btinternet.com <small>© Drawing Copyright Planabuild Ltd</small>		
			Shared Areas with Inert Re-cycling Facility		Title: Environmental Permitting Site Area of Community Recycling Area				
			Scale: 1:1000	697-62					
			Date: 14/12/2011						
			Drawn: J.W.						
REV.	DESCRIPTION	DATE							



		NOTES		Project: Llantrisant Recycling		PLANABUILD LIMITED 3 Laburnum Drive, Porthcawl CF36 5UA Tel: 01656 784674 Email: planabuild@btinternet.com <small>© Drawing Copyright Planabuild Ltd</small>
		697-63		Title: Service Area Layout and River Outfall		
		Scale	1:250			
		Date	22/07/2014			
REV.	DESCRIPTION	DATE	Drawn	J.W.		

APPENDIX B

List of Wastes Accepted

APPENDIX 1 PERMITTED WASTE CATEGORIES

The following schedules represent the List of Proposed Waste Types to be accepted at the Llantrisant Community Recycling Centre for Recovery, Recycling and Disposal. The schedules have been prepared in accordance with the European Waste Catalogue.

17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
-----------	--

- 17 08 *Gypsum-based construction material*
17 08 02 Gypsum based construction material other than those mentioned in 17 08 01

20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPERATELY COLLECTED FRACTIONS
-----------	--

- 20 01 *separately collected fractions (except 15 01)*
20 01 01 paper and cardboard
20 01 02 glass
20 01 08 biodegradable kitchen and canteen waste
20 01 10 clothes
20 01 11 textiles
20 01 13* solvents
20 01 14* acids
20 01 15* alkalines
20 01 17* photochemicals
20 01 19* pesticides
20 01 21* fluorescent tubes and other mercury containing wastes
20 01 23* discarded equipment containing chlorofluorocarbons
20 01 25 edible oil and fat
20 01 26* oil and fat other than those mentioned in 20 01 25
20 01 27* paint, inks, adhesives and resins containing dangerous substances
20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 29* detergents containing dangerous substances
20 01 30 detergents other than those mentioned in 20 01 29
20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34 batteries and accumulators other than those mentioned in 20 01 33

20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
<i>20 02</i>	<i>garden and park wastes (including cemetery wastes)</i>
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
<i>20 03</i>	<i>other municipal wastes</i>
20 03 01	mixed municipal waste
20 03 07	bulky waste

13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
-----------	--

<i>13 02</i>	<i>waste engine gear and lubricating oils</i>
13 02 05*	mineral based non chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils

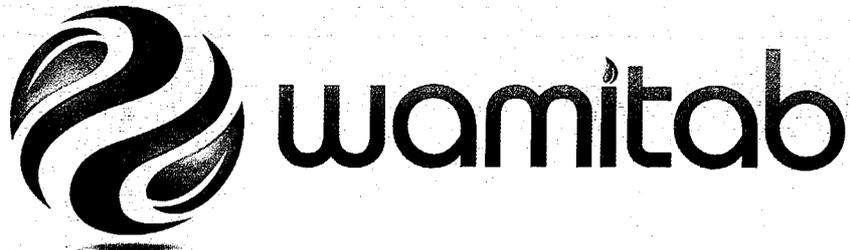
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
-----------	---

<i>16 01</i>	<i>End-of-life vehicles from different means of transport [including off-machinery] and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</i>
16 01 03	End-of-life tyres
<i>16 02</i>	<i>waste from electrical and electronic equipment</i>
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 14	discarded equipment other those mentioned in 16 02 09 and 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
<i>16 05</i>	<i>gases in pressure containers and discarded chemicals</i>

16 05 05 gases in pressure containers other than those mentioned in 16 05
04

Any waste marked with (*) is designated as being a hazardous waste.

Certificates of Technical Competence



Certificate No. CCC8535

Continuing Competence Certificate

This certificate confirms that

Carol Lynne Davies

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 24/04/2014

LH	Landfill - Hazardous Waste
TSH	Transfer - Hazardous Waste
TMH	Treatment - Hazardous Waste

Awarded: 24/04/2014

Expiry Date:
24/04/2016

Authorised

A handwritten signature in black ink, appearing to read "Alan James".

WAMITAB Chief Executive Officer

A handwritten signature in black ink, appearing to read "John".

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



00051728



Certificate No. CCC9116

Continuing Competence Certificate

This certificate confirms that

Brynley Jones

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 12/08/2014

LH Landfill - Hazardous Waste
TSH Transfer - Hazardous Waste

Awarded: 12/08/2014

Expiry Date:
12/08/2016

Authorised

A handwritten signature in black ink, appearing to read "Brynley Jones".

WAMITAB Chief Executive Officer

A handwritten signature in black ink, appearing to read "John".

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



00058135

Daily Inspection Sheet

CRC Daily Checksheet

To Be filed on site ready for Auditing

Site..... Date.....

Checked

Comments

Fire Hazards - No build up of material

Condition of walkways - Clear of hazards

Litter, debris and spills

Condition of fences

Cleanliness of Cabin and Toilet

Drains and Gullies - Clear of rubbish

Lighting

Condition of containers and skips

Stores stock - first aid, oil dry etc.

Completed By - Print Name.....

Time Completed

This Sheet must be completed daily and filed for Auditing

Procedure for Handling Skips at Household Waste Recycling Centres

SAFE SYSTEM OF WORK
LOADING / UNLOADING OF SKIPS

PRP 7019

This safe system of work outlines:

- the procedure to be followed when loading and unloading skips

SAFE SYSTEM OF WORK
LOADING / UNLOADING OF SKIPS

PRP 7019

Contents

1	Safe Loading and Unloading	Page 3
2	Tipping of the Skip	Page 4
3	Off Loading the Skip	Page 5

**SAFE SYSTEM OF WORK
LOADING / UNLOADING OF SKIPS**

PRP 7019

1. The Safe Loading and Unloading Of Skips

- Reverse wagon back onto the skip as straight as possible connecting the hook arm of the wagon onto the receiver hook of the skip
- Lift the skip no more than two foot then get out of the wagon and check the skip is correctly secured before you continue
- Pull the skip forward a minimum safe distance to clear any obstructions
- Make sure there are no personnel in the vicinity during the operation
- Whilst loading the skip make sure that the skip is drawn onto the wagon straight and between the rear rollers and that you are on firm and level ground
- After the skip is drawn onto the wagon pull the skip all the way forward and engage body locks

**SAFE SYSTEM OF WORK
LOADING / UNLOADING OF SKIPS**

PRP 7019

2 Tipping of the skip

- Make sure you are on firm, level ground before you commence the tipping operation
- Withdraw the body locks and push the skip back approximately two foot and reengage the body locks
- Make sure all necessary PPE is worn
- Then exit the wagon to open the skip doors open the middle locking bar first then stand to the side of the skip and release the side locking bar
- Make sure the doors are correctly secured in the open position before you commence the tipping operation
- Make sure there are no personnel or obstructions that may be affected during the tipping operation
- Re-enter the wagon and commence tipping operation ,this is done by raising the skip with the body locks engaged
- After tipping the skip pull forward a minimum safe distance and lower skip back down onto the wagon disengage the body locks and pull the skip all the way forward and re-engage the body locks
- Exit the wagon making sure you are wearing all the necessary PPE and close and secure the rear doors of the skip

SAFE SYSTEM OF WORK LOADING / UNLOADING OF SKIPS

PRP 7019

3 Off Loading the skip

- If you are in a place accessible by the public you will need to cordon off the area during this operation
- Before reversing the wagon into position to unload the skip check to make sure there are no personnel or obstructions in the way
- After checking it is safe to proceed reverse the wagon into position checking that the ground is firm and level
- Disengage the body locks and push the skip all the way back whilst carrying out this operation keep checking the skip is being discharged smoothly. whilst carrying out this procedure it is possible for the skip to become jammed if there is an obstruction on the ground (i.e. stones) if this occurs pull the wagon forwards slightly to aid in the smooth operation of unloading of the skip be vigilant of any people who may approach the wagon during this operation if this does occur stop the operation immediately and instruct them to withdraw to a safe distance
- When the skip is safely on the ground raise it back up no more than two foot and push it into position
- The skip should be pushed for the minimum distance required to correctly position the skip

Environmental Risk Assessment for SSSI Sites

Table 3.1: Odour

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Odour generated from biodegradable waste material separated and stored at the site.	Llantrisant Common SSSI	Air transport then inhalation.	The majority of waste collected at the site will be dry recyclable materials (i.e. paper, plastic, glass, metal). Some biodegradable waste (i.e. garden waste) will be stored at the site, but the duration of storage will be short, preventing significant odour generation.	LOW	Odorous emissions from the site are very unlikely to impact on the biodiversity of either of the SSSI's. However they could result in a loss of amenity for those individuals accessing the SSSI.	LOW
	Rhos Tonyrefail SSSI	Air transport then inhalation.		LOW		Of the group of lowland grasslands belonging to the Rhos Tonyrefail SSSI the closest area is 500m due west of the proposed HWRC. The prevailing wind is from the South West.

Table 3.2: Noise and Vibration

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Noise from delivery and removal vehicles, including reversing alarms.	Llantrisant Common SSSI	During site direction of vehicles and materials handling noise travel to area of SSSI.	Machine noise is kept to a minimum by regular servicing and maintenance of site plant. Any complaints will be recorded in the site diary and reported to the nominated TCM, as soon as practicably possible.	LOW Experience of operating HWRCs for over 15 years. Historically no issues with noise at the sites. Llantrisant Common located 450m to the South, very unlikely that noise generated at the site will travel such a distance.	Impact on wildlife, potentially scaring certain species from the site.	LOW
	Rhos Tonyrefail SSSI	Perceived by wildlife and users of the sites		LOW Rhos Tonyrefail located 500m to the West, very unlikely that noise generated at the site will travel such a distance.	Nuisance, loss of amenity, perceived ill health effects of persons accessing the sites.	LOW

Table 3.3: Fugitive Emissions - Dust

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Dust generated by vehicles accessing the site, including resident's cars and HGVs (i.e. skip lorries).	Llantrisant Common SSSI	Air transport and deposition on flora resulting in unsuitable environment for fauna.	Waste types likely to generate dust will be limited to household generated builders rubble / inert material. The waste will be limited to 2500 Tonnes per annum with a maximum storage capacity of 50 Tonnes at any one time. Measure for the control of dust outlined in Environmental Management System, including daily inspections by site staff and internal audits by TCM.	LOW Experience of operating HWRCs for over 15 years. Dust typically not an issue at HWRC sites. Llantrisant Common located 450m to the South, very unlikely that low levels of dust generated at the HWRC will reach the SSSI site.	Dust deposition on flora could result in unsuitable environment for fauna. Loss of habitat. Nuisance, loss of amenity, perceived ill health effects for persons accessing the SSSI.	LOW
	Rhos Tonyrefail SSSI			LOW Rhos Tonyrefail located 500m to the West, very unlikely that low levels of dust generated at HWRC will travel such a distance.		LOW

Table 3.4: Fugitive Emissions - Litter

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Litter generated from waste materials.	Llantrisant Common SSSI	Wind blown litter transport then deposition on SSSI Site.	All waste contained with sealed containers. Site Attendant continuously checking and cleaning around waste containers.	LOW Llantrisant Common located 450m to the South. Significant barrier between the site and this receptor (i.e. commercial developments). Unlikely that litter will travel to such a distance.	Nuisance, loss of amenity and harm to flora and fauna.	LOW
	Rhos Tonyrefail SSSI	Vehicles entering and leaving site.	Vehicle drivers daily checks on vehicles.	LOW Rhos Tonyrefail located 500m to the West, unlikely that litter would be transported such a distance.	Nuisance, loss of amenity and harm to flora and fauna.	LOW

Table 3.5: Fugitive Emissions - Pests

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Scavenging animals and scavenging birds.	Llantrisant Common SSSI	Waste materials carried over land and through the air by birds.	The majority of waste collected at the site will be dry recyclable materials (i.e. paper, plastic, glass, metal). Some biodegradable waste (i.e. garden waste) will be stored at the site, but this is not envisaged to be a food source for scavenging birds or animals.	LOW Secure storage of waste prevents access by scavenging animals. Management System, including daily inspections by site staff and internal audits by TCM.	Nuisance, loss of habitat, amenity and harm to flora and fauna.	LOW
	Rhos Tonyrefail SSSI					LOW
Vermine – Rats, flies, Gulls etc.	Llantrisant Common SSSI	Air and over land.	The majority of waste collected at the site will be dry recyclable materials (i.e. paper, plastic, glass, metal). Some biodegradable waste (i.e. garden waste) will be stored at the site, but this is not envisaged to be a food source for scavenging birds or animals.	LOW Measures for the storage of waste, outlined in the Site's EMS. Daily inspection by site staff and internal audits by TCM	Nuisance, loss of habitat, amenity and harm to flora and fauna. Species invasion of potentially sensitive receptors.	LOW
	Rhos Tonyrefail SSSI					LOW

Table 3.6: Surface Water

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Site Flooding	Llantrisant Common SSSI	Waste material and contamination carried by floodwaters to location of SSSI	The site is not located on a known flood plane.	LOW Both SSSI not thought to be at risk of flooding, located on slight elevations, not identified as floodplains.	In the case of flooding on the site waste could be washed off site where it may be deposited on SSSI – loss of habitat and impact on flora and fauna.	LOW
	Rhos Tonyrefail SSSI		Surface water management system design to deal with 1 in 100 year storm event.			LOW
Contaminated Site Drainage	Llantrisant Common SSSI	Contaminated site drainage passes through direct run-off from the site or passes through site drainage system.	Sealed drainage system directing drainage to Class I Oil Interceptor for treatment prior to disposal.	LOW Both SSSI Sites are shown to be hydraulically up-gradient from the proposed HWRC site.	Reduced water quality locally could result in a loss of habitat.	LOW
	Rhos Tonyrefail SSSI		Waste with leachable properties (i.e. stored in weather proof containers). Liquid waste stored in suitably 'bunded' containers with 110% storage capacity. Routine monitoring of discharge.			LOW

Table 3.7: Accidents – Solid Waste

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land.	Llantrisant Common SSSI	Air transport of smoke.	Measures for the storage of waste, outlined in the Site's Environmental Management System. Daily inspection by site staff and internal audits by TCM. Emergency Procedures for dealing with site fires.	LOW Considered low as only small quantities of combustible waste are stored at the site at any time. Waste streams are stored within separate containers, reducing the risk of spreading.	Flora / fauna acute exposure to polluting substance.	LOW
	Rhos Tonyrefail SSSI	Contaminated fire-water released by site drainage.				LOW
Spillage of solid waste as a result of accident or vandalism / malicious actions.	Llantrisant Common SSSI	Waste materials on ground, blown to the location of potential receptors	Emergency Action Plan to be invoked in the case of a spillage of solid waste.	LOW Considered to be low risk due to small amounts of waste materials stored at the site. SSSI sites considerable distance from proposed HWRC. Unlikely that any waste spillage will reach receptor.	Nuisance, loss of amenity and harm to flora and fauna.	LOW
	Rhos Tonyrefail SSSI					LOW

Table 3.8: Accidents – Liquid Waste

HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY OF EXPOSURE	CONSEQUENCE	OVERALL RISK
<p>Vandalism causing the release of polluting materials to air, water or land.</p> <p>Spillage of liquids during deposition or loading for transport.</p>	Llantrisant Common SSSI	Through site drainage system into receiving watercourse at discharge location.	<p>Measures for the storage of / acceptance of waste outlined in the Site's Environmental Management System.</p> <p>Adopted procedures for dealing with and reporting spillages.</p> <p>Security measures in place.</p>	<p>LOW</p> <p>Liquid waste accepted at the site will be limited to Oils, Paint and Household Chemicals.</p> <p>Deposition involves very low volumes.</p> <p>In addition liquid waste containers shall be suitably bunded (having at least 110% storage capacity).</p> <p>Both SSSI sites up-gradient (hydraulically) of proposed HWRC.</p>	<p>Nuisance, loss of amenity, perceived ill health effects.</p> <p>Reduced water quality locally could result in a loss of habitat.</p>	LOW
	Rhos Tonyrefail SSSI	Discharge of liquid waste via site drainage.	<p>Adopted procedures for dealing with and reporting spillages.</p> <p>Class I Full Retention Oil Interceptor with 'shut-off' valve.</p>			LOW