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**MAE HWN YN GYFARFOD Y MAE GAN Y CYHOEDD HAWL EI FYNYCHU**

Dydd Gwener, 13 Rhagfyr 2019

Annwyl Syr/Madam

**SPECIAL MEETING OF THE COUNCIL**

Cynhelir cyfarfod o'r Special Meeting of the Council yn Siambr y Cyngor, Y Ganolfan Ddinesig, Glynebwy on Dydd Iau, 19eg Rhagfyr, 2019 am 11.00 am.

Yn gywir

Michelle Morris  
Rheolwr Gyfarwyddwr

**AGENDA**

**1. CYFIEITHU AR Y PRYD**

Mae croeso i chi ddefnyddio'r Gymraeg yn y cyfarfod, mae angen hysbysiad o 3 diwrnod gwaith o leiaf os dymunwch wneud hynny. Darperir gwasanaeth cyfieithu ar y pryd os gwneir cais am hynny.

**2. YMDDIHEURIADAU**

Derbyn ymddiheuriadau.

**3. DATGANIADAU BUDDIANT A GODDEFEBAU**

We welcome correspondence in the medium of Welsh or English. / Croesawn ohebiaith trwy gyfrwng y Gymraeg neu'r Saesneg.

Ystyried unrhyw ddatganiadau buddiant a goddefebau a wnaed.

4. **COSTAU REFENIW GWEITHREDU AIL GANOLFAN  
AILGYLCHU GWASTRAFF CARTREFI (HWRC) YM  
MHARC BUSNES DE ROSEHEYWORTH** 5 - 42

Ystyried adroddiad y Pennaeth Gwasanaethau Cymunedol.

5. **EITEM(AU) EITHREDIG**

Derbyn ac ystyried yr adroddiad(au) dilynol sydd ym marn y swyddog priodol yn eitem(au) eithriedig gan roi ystyriaeth i'r prawf budd cyhoeddus ac y dylai'r wasg a'r cyhoedd gael eu heithrio o'r cyfarfod (mae'r rheswm am y penderfyniad dros yr eithriad ar gael ar y rhestr a gedwir gan y swyddog priodol).

6. **PROSES DROSSLWYDDO AASEDAU CYMUNOL,  
DETHOL DEFNYDDIWR CYMERADWY** 43 - 56

Ystyried adroddiad y Cyfarwyddwr Corfforaethol Adfywio a Gwasanaethau Cymunedol.

At: Cynghorwyr M. Moore (Cadeirydd)  
J. Holt (Is-gadeirydd)  
G. A. Davies  
G. Paulsen  
L. Winnett  
P. Edwards  
G. Collier  
J. Collins  
M. Cook  
M. Cross  
N. Daniels  
P. Baldwin  
D. Davies  
G. L. Davies  
M. Day  
D. Bevan  
L. Elias  
D. Hancock  
K. Hayden  
S. Healy  
J. Hill  
W. Hodgins

M. Holland  
J. Mason  
H. McCarthy  
C. Meredith  
J. Millard  
J. C. Morgan  
J. P. Morgan  
L. Parsons  
K. Pritchard  
K. Rowson  
T. Sharrem  
T. Smith  
B. Summers  
B. Thomas  
G. Thomas  
S. Thomas  
H. Trollope  
J. Wilkins  
D. Wilkshire  
B. Willis

Pob Aelod arall (er gwybodaeth)  
Rheolwr Gyfarwyddwr  
Prif Swyddogion

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# Agenda Item 4

Executive Committee and Council only

Date signed off by the Monitoring Officer: 11.12.19

Date signed off by the Section 151 Officer: 10.12.19

**Committee:** **Special Council**

Date of Meeting: 19<sup>th</sup> December 2019

Report Subject: Revenue costs for operating a Second Household Waste Recycling Centre (HWRC) at Roseheyworth South Business Park

Portfolio Holder: Cllr. G. Collier, Deputy Leader / Executive Member, Environment

Report Submitted by: Head of Community Services

Reporting Pathway								
Directorate Management Team	Corporate Leadership Team	Portfolio Holder / Chair	Audit Committee	Democratic Services Committee	Scrutiny Committee	Executive Committee	Council	Other (please state)
10/12/19	10/12/19						19/12/19	

## 1.0 Purpose of the Report

For Members to consider options for the following:

- The operational days of New Vale and the proposed second Household Waste Recycling Centre (HWRC) in Roseheyworth; and
- The financial implications of operating a second household waste recycling centre.

## 2.0 Scope and Background

- 2.1 The development of a second Household Waste Recycling Centre supports the Council Priority '*Strong and Environmentally Smart Communities*' in particular '*to increase rates of recycling to enable us to achieve national targets*' and will contribute towards the 70% target. The development of a second site will also lead to highway improvements by enhancing the A467 with traffic lights on the entrance to the Roseheyworth Business Park. Furthermore, the new site will provide capacity to introduce re-use of household items with access to furniture and items for the community and although likely modest in value, will generate income for re-investing into the service and into the community. In particular, this reuse project provides an opportunity to work with third sector partners, who can access funding schemes to improve employability and work programmes in the Borough.
- 2.2 It has been confirmed by Welsh Government the Council has been successful in its bid for capital funding for a new HWRC with a full award of £2.8 million being made for this facility. Elements within the capital funding have been used to reduce the ongoing revenue costs associated with plant hire on both sites.
- 2.3 WRAP (Waste and Resources Action Programme) worked closely with Blaenau Gwent to develop a Strategic Business Case for the proposed new HWRC site at Roseheyworth detailing how it can address local challenges whilst responding to statutory goals.
- 2.4 The Strategic Business Case for the development of a second Household Waste Recycling Centre at Roseheyworth has recently been approved by Executive with a further recommendation that a second report is presented to Scrutiny to present options regarding the operational days of New Vale and the proposed second Household Waste Recycling

Centre (HWRC) in Roseheyworth and the financial revenue costs and funding of these options.

### 3.0 **Options for Recommendation**

Year 1 revenue costs will potentially be lower as a result of the new facility not becoming fully operational until 1st June 2020. Therefore, revenue costs for 2020/21 have been modelled at ten months.

#### **Operational Days**

Indicative days of operation for the two HWRCs are included as **Appendix 2**. This will show that if one site is closed the other site will be open. Therefore, the public will have access to one of the sites over a seven-day period. When you compare this with our neighbouring authorities they also close their sites on set days. For example, in Monmouthshire:

- Llanfoist - Closed on Wednesday
- Five Lanes – Closed on Thursday
- Mitchel Troy – Closed Mondays and Thursdays
- Usk – Closed Tues and Fridays

This still allows the residents to access a facility 7 days a week within Monmouthshire. This is also mirrored in Powys where certain sites are closed on set days, for example Brecon is closed Thursday and Friday. Both Torfaen and Merthyr are currently reviewing their days of operation.

3.1 **Option 1** – Roseheyworth and New Vale HWRCs both operational for 7 days a week, the draft revenue estimate to operate the proposed new site in 2020/21 is £258,680.

3.2 **Option 2** – Roseheyworth and New Vale HWRCs both operational 6 days a week, the draft revenue estimate to operate the proposed new site in 2020/21 is £204,530.

3.3 **Option 3** – Roseheyworth and New Vale HWRCs both operational 5 days a week, the draft revenue estimate to operate the proposed new site in 2020/21 is £151,930.

#### **Preferred Option** - Option 2

Revenue budget cost implications are included as **Appendix 1**. The above operational costs for the Roseheyworth HWRC has been modelled upon current provision at New Vale – this will be fully reviewed during year 1 of operation.

### 3.4 Financial implications

#### 3.4.1 Revenue funding options based on the number of days the new HWRC will be operational for ten months commencing 1<sup>st</sup> June 2020 and for a full year commencing 1<sup>st</sup> April 2021:

Table 1 – Financial Table

2 Year financial Table 1st June 2020 - 31st March 2022							
		Option 1 7 days £		Option 2 6 days £		Option 3 5 days £	
		Year 1 (10 months)	Year 2 (12 months)	Year 1 (10 months)	Year 2 (12 months)	Year 1 (10 months)	Year 2 (12 months)
	<b>Net budget Requirement</b>	<b>258,680</b>	<b>307,400</b>	<b>204,530</b>	<b>242,000</b>	<b>151,930</b>	<b>176,470</b>
A	Service efficiency	39,000	39,000	39,000	39,000	39,000	39,000
B	1 Street Cleansing Gang	95,400	95,400	95,400	95,400	95,400	95,400
C	Potential Savings based on Sensitivity Analysis of operating 2 HWRC's ( <b>Appendix 4 Page 13</b> )	90,000	108,000	90,000	108,000	90,000	108,000
	<b>Funding Surplus/(Shortfall)</b>	<b>(£34,280)</b>	<b>(£65,000)</b>	<b>£19,870</b>	<b>£400</b>	<b>£72,470</b>	<b>£65,930</b>

Table 1 above identifies options for funding the operational costs of the HWRC:

**a) Service efficiency - £39,000**

There have been a number of expressions of interest for voluntary redundancy within Neighbourhood Services. A full review will be undertaken to make one service efficiency to the sum of £39,000.

**b) One Street Cleansing gang - £95,400**

The Council originally operated on four Street Cleansing gangs and a further gang was added in 2017 to bring it up to five. The opening of a new HWRC is expected to have a positive impact in the Ebbw Fach Valley, which will allow the department to reduce by one Street Cleansing gang and move those staff into the operation of the new facility. This will then leave 3 Street Cleansing gangs for each of the three valleys and one reactive gang to deal with fly-tipping. With Blaenau Gwent operating on four Street Cleaning gangs, this is still above the average per head of population throughout Wales. Based on the site being operational from June 2020, the saving on the 5<sup>th</sup> gang between April and June would also contribute positively to the budget.

**c) Sensitivity analysis – two sites operational - £108,000**

Based on a two site strategy a modelling exercise was undertaken by WRAP, which shows some potential performance increases, which are quantified as follows:

- A HWRC arising increase of 15% from 23% gives a saving of £28,000 p.a. This is due to reduced haulage and gate fees as a result of a reduction in black bag waste.
- Increased recycling and reduced residual waste offer a saving of £12,000 p.a. This is due to increase material revenue and reduced disposal costs.
- A 20% increase in material revenue as a result of increased recycling and a 20% decrease in gate fees will have the effect of saving £57,000 over the baseline.
- The modelling exercise looked at worse case and best case scenario, which can be found in Appendix 4 page 13 (Table 7). The net saving based on the best case scenario on the above is £97,000.
- Furthermore, we estimate an income from the re-use shop of approximately £11,000

The option of opening both sites 7 days per week is estimated to result in a cost pressure to the Council of £34,280 in year 1 (part year effect) increasing to £65,000 in year 2. If this is the preferred option of Council, then additional funding will need to be identified.

A full review of demand, peak times, waste tonnages will be undertaken during year one of operation of both the new and existing site. Furthermore, the operation of the new HWRC will form part of the wider review of Silent Valley with an expected outcome in the summer of 2020.

#### 4.0 **Evidence of how does this topic supports the achievement of the Corporate Plan / Statutory Responsibilities / Blaenau Gwent Well-being Plan**

##### 4.1 **Council Priorities**

The development of the HWRC infrastructure supports the Council Priority '*Strong and Environmentally Smart Communities*' in particular '*to increase rates of recycling to enable us to achieve national targets*'.

##### 4.2 **Statutory Responsibilities**

Local Authorities in Wales have been set statutory recycling targets through the Wales Waste Measure 2010, and failure to meet the targets will result in a financial penalty from Welsh Government.

##### 4.3 **Well-being Plan**

The development of the HWRC infrastructure supports the following Well-Being objectives:

- Blaenau Gwent wants to look after and protect its natural environment; and
- Creating a vibrant area that lives in harmony with its natural environments, using resources in a fair and sustainable way.



## 5. Implications

### 5.1 **Impact on Budget (short and long term impact)**

#### **Revenue**

- 5.1.1 The indicative ten-month revenue costs at the new site have been modelled at £258,680 operating for 7 days a week from 08:30 to 17:30. Reducing the days of operation will reduce the potential revenue costs associated with the new site so ten month costs for six and five-day opening have also been modelled.
- 5.1.2 Year 1 revenue costs will be lower as a result of the new facility not becoming fully operational until 1<sup>st</sup> June 2020. Therefore, revenue costs for 2020/21 have been modelled at ten months. Furthermore, if all funding options are agreed, assuming that the best case sensitivity analysis is achieved the new HWRC will demonstrate financial viability in the medium to long term.
- 5.1.3 Revenue staffing costs for the new site have been modelled to include the foundation living wage. The staffing requirements of both sites will be reviewed during the first year and potentially could be reduced further.
- 5.1.4 Five year costs are included in **Appendix 3**.
- 5.1.5 The operation of this new facility will help mitigate future fines. For every 300 tonne diverted from landfill protects the authority from a fine of £60,000. It is critical the authority meet and exceeds the 64% target up until 2024/25 where the new target of 70% will come into force. The two site strategy will allow the Council to get closer to the 70% target, as failure to expand and grow the Waste service could make the Council's recycling rate stagnate and lead to potential fines in 2024/25 and beyond to the sum of £360,000 per annum (£60,000 per 1% recycling target missed).

### 5.2 **Risk including Mitigating Actions**

If Welsh Government rates are not achieved (70% from 2024/25) there is a risk that the Council will face larger fines over time.

#### 5.2.1 **Option A - Service efficiency/staffing reduction in Community Services £39,000:**

##### Risks

- Potential reduction in service standards.

##### Mitigations

- Restructure the Integrated Frontline Service and develop apprenticeship scheme.

#### 5.2.2 **Option B - Street Cleansing Team reductions £94,500:**

##### Risks

- Reduction in service standards;
- Negative public perception;
- Impacts on appearance and quality of areas;

- Inability to achieve the Council Corporate Priority Strong and Environmentally Smart Communities;
- Reduction in quality standards - Local Environmental Audit Management System (LEAMS);
- Potential increase in health and safety implications, e.g. pavement and infrastructure cleansing; and
- Less resilience of Integrated Frontline Service to support the Waste Service.

#### Mitigations

- Opening of a new HWRC will reduce fly-tipping within the Ebbw Fach Valley.
- Additional funding secured through Keep Wales Tidy to increase more voluntary litter picking champions.
- Increased CCTV and signage to enforce fly-tipping.

### **Option C - Sensitivity Analysis – Two sites operational £108,000**

#### 5.2.3

#### Risks

- That residual tonnages will not drop.
- That recycling tonnages will not increase.
- That we will not achieve all or part of the savings associated with the sensitivity analysis.

#### Mitigations

- Black bag sorting at each facility
- Increase marketing and communications
- Behaviour change campaign borough-wide
- Review frequency of residual waste collections

#### 5.3 **Legal**

In order to operate the second HWRC the operator will require a valid permit from Natural Resources Wales (NRW). The permit application is in the process of being developed with NRW to ensure the site will be permitted once constructed.

#### 5.4 **Human Resources**

5.4.1 The number of operatives required will depend on the number of days the site is operational, with potentially a maximum of seven full time equivalent operatives if the site is operational seven days a week.

5.4.2 The revenue funding options required may result in reduction of frontline staff.

Funding Option	Number of staff potentially affected
A	1
A and B	4

WRAP (Waste Resource Action Programme) has modelled both sites operating with four staff on each site, which will require seven to be on the rota to cover for sickness and holidays. The future operations of New Vale HWRC by Silent Valley Waste Services are

subject to its own review. The potential for staff transfers will be dependent on the outcome of the review.

## 6. **Supporting Evidence**

### 6.1 **Performance Information and Data**

All costs are based on current operational practices, usage will be monitored and reported and financial implications will form part of regular budget monitoring arrangements.

### 6.2 **Expected outcome for the public**

Improved service and accessibility through greater HWRC provision across the borough and a Reuse option available for residents.

### 6.3 **Involvement** (*consultation, engagement, participation*)

Through the planning process, the public have been consulted and their views have been sought regarding the development of a second HWRC in the borough. The majority of views expressed by the public during the consultation period were positive and the development was well received. Furthermore, the department has also consulted with the Trade unions.

### 6.4 **Thinking for the Long term** (*forward planning*)

Blaenau Gwent is committed to protect and sustain the environment and provide all Blaenau Gwent residents with an efficient, smart and modern waste management and recycling service for now and into the future. A second HWRC will provide a resilient, fit for purpose site designed to support the meeting of future targets. It will provide improved access for residents hence adding amenity value and provide opportunities through the Re-use shop for both commercial and community benefits.

### 6.5 **Preventative focus**

Blaenau Gwent will explore opportunities to divert waste from disposal by increasing the levels of re-use and recycling through the HWRC infrastructure.

### 6.6 **Collaboration / partnership working**

Blaenau Gwent will work together with its residents, contractors, community groups and the third sector to increase the range of materials able to be recycled, maximise recycling and value, and increase the opportunity for re-use at the site.

### 6.7 **Integration** (*across service areas*)

### 6.8 **EqlA** (*screening and identifying if full impact assessment is needed*)

## 7. **Monitoring Arrangements**

7.1 The performance of the Household Waste Recycling Centres will be monitored by the service on a monthly basis, including, but not limited to:

- Tonnage of residual, recyclables and reuse collected at the site;
- Recycling performance of site;
- Financial position; and
- Performance of Reuse shop.
- Quarterly monitoring on staffing levels

Highlight reports on progress will be provided through the internal CCP Board Meetings.

**Background Documents /Electronic Links**

Appendix 1 – Detailed budget cost implications;

Appendix 2 – Indicative HWRC Opening days

Appendix 3 – Five Year costs.

Appendix 4 – HWRC business case

**HWRC New Site -Estimated Revenue Costs - Options**

<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
<u>20/21</u>	<u>20/21</u>	<u>20/21</u>
Draft	Draft	Draft
Estimate	Estimate	Estimate
£	£	£

No of days open per week

7                      6                      5

No of months per year

10                      10                      10

**Expenditure**

<b>Employees</b>	<b>187,800</b>	<b>160,950</b>	<b>134,400</b>
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**Premises Related Expenses**

<b>Total</b>	<b>25,925</b>	<b>24,675</b>	<b>23,375</b>
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**Transport Related Expenses**

<b>Total</b>	<b>36,100</b>	<b>36,100</b>	<b>36,100</b>
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**Supplies and Services Expenditure**

<b>Total</b>	<b>15,000</b>	<b>13,850</b>	<b>13,900</b>
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<b>Total Expenditure</b>	<b>264,825</b>	<b>235,575</b>	<b>207,775</b>
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<b>Haulage (Disposal of Waste)</b>	12,500	12,500	12,500
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<b>Contingency - 5%</b>	13,850	12,400	11,050
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<b>TOTAL BUDGET REQUIRED FOR NEW HWRC</b>	<b>291,175</b>	<b>260,475</b>	<b>231,325</b>
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Savings on New Vale of 2 days & 1 day	0	(23,450)	(46,900)
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Savings on New Vale Transport Costs	(5,000)	(5,000)	(5,000)
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Savings on New Vale Employee costs	(27,500)	(27,500)	(27,500)
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<b>REVISED TOTAL BUDGET REQUIRED FOR NEW HWRC</b>	<b>258,675</b>	<b>204,525</b>	<b>151,925</b>
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## APPENDIX 2

### Daily Site Operating options [example]

**Option 1 - Open 7 days a week**

	Wed	Thu	Fri	Sat	Sun	Mon	Tue
New Vale HWRC	□	□	□	□	□	□	□
Roseheyworth HWRC	□	□	□	□	□	□	□

**Option 2 - Open 6 days a week**

	Wed	Thu	Fri	Sat	Sun	Mon	Tue
New Vale HWRC	☒	□	□	□	□	□	□
Roseheyworth HWRC	□	☒	□	□	□	□	□

**Option 3 - Open 5 days a week**

	Wed	Thu	Fri	Sat	Sun	Mon	Tue
New Vale HWRC	□	☒	□	□	□	☒	□
Roseheyworth HWRC	☒	□	□	□	□	□	☒

\* Core opening days of Fri / Sat / Sun [assumed these are busiest days]

\*\* Caveate - open days to be confirmed following 6 months survey data indicating busiest days

\*\*\* Based on opening hours of 8.30am - 5.30pm all year round [no winter / Summer operating hours]

□ = open

☒ = closed

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### Appendix 3 Five year costs

<b>HWRC New Site - Estimated Revenue Costs - 5 years</b>					
	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>24/25</b>
Option 1	258,680	307,400	315,800	324,450	366,200
Option 2	204,530	242,000	248,950	256,100	263,250
Option 3	151,930	176,470	181,801	187,351	192,850

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# Strategic Outline Case

## Blaenau Gwent New HWRC



This report provides a Business Case for the proposed new HWRC site at Roseheyworth and how it can address the local challenges whilst responding to statutory goals.

WRAP's vision is a world in which resources are used sustainably.

Our mission is to accelerate the move to a sustainable resource-efficient economy through re-inventing how we design, produce and sell products; re-thinking how we use and consume products; and re-defining what is possible through re-use and recycling.

Find out more at [www.wrapcymru.org.uk](http://www.wrapcymru.org.uk)

**Document reference (please use this reference when citing WRAP's work):**  
**WRAP, 2018, Blaenau Gwent CBC, BGCBC New HWRC Strategic Outline Case V7 210319**

**Written by:** Collaborative Change Programme WRAP Cymru.

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**Front cover photography:** Roseheyworth Development Site

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# Executive summary

This business case strategically addresses the need to build a second and new HWRC site at Roseheyworth South Business Park.

In 2016/17, Blaenau Gwent achieved an overall recycling rate of 57% which was below the interim statutory target of 58%. In 2017/18 the result for Blaenau Gwent remained at 57%. This means that the Council must continue to increase recycling performance by 5% over the next two years (2018/19, 2019/20) if it is to meet the next Statutory Recovery Target of 64%.

The development of a new site will provide the residents of Blaenau Gwent with accessible and improved recycling facilities. The sites will also help the Authority ensure that there is sufficient provision for managing waste growth associated with anticipated housing development and general economic growth.

A new site will also provide capacity to introduce re-use of household items with benefits of improved recycling rate for Blaenau Gwent, access to furniture and items for the community and although likely modest in value, will generate income for re-investing into the service and into the community. In particular, using this project as a platform to work with third sector partners, who can tap into funding schemes to improve employability and work programmes in the Borough.

In 2018/19 Blaenau Gwent introduced black bag sorting at its' HWRC in New Vale showing early results of an 80% decrease in residual waste, in the first quarter. Anecdotal evidence from bordering Local Authorities suggests that some residual tonnage has shifted across the border. It is crucial to note that these neighboring authorities are also considering the introduction of black bag sorting and various methods of residency checks. This is therefore likely to drive Blaenau Gwent residents and tonnages back into its' own HWRC network, and supports the need for Blaenau Gwent to have its' own infrastructure capable of dealing with not only today's tonnage but also future housing growth.

Capital will be required to build a new, modern and "future proofed" HWRC at Roseheyworth Business Park South. It is the intention to submit this business case to Welsh Government seeking grant assistance.

<b>Capital Expenditure Type</b>	<b>Total</b>
Access, prelims and civils etc.	<b>£2,500,000</b>
Mechanical and Electrical	<b>£300,000</b>
<b>TOTAL</b>	<b>£2,800,000</b>

Blaenau Gwent will appoint an internal engineer to manage a tender process to evaluate and appoint a contractor to manage the build and commissioning of the new HWRC site. The internal engineer will also project manage the contractor throughout this period.

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# Acknowledgements

The authors would like to thank BGCGC officers Matthew Perry and Lisa Jones.

## 1.0 The Strategic Case

This Strategic Outline Case (SOC) strategically addresses the need to build a second and new HWRC site at Roseheyworth South Business Park.

This SOC has been prepared using the agreed standards and format for business cases in accordance with the HM Treasury's Green Book, which promotes the "Public Sector Business Cases using the Five Case Model". The Five Case Model format, comprises the following key components:

- the **strategic case** section: sets out the strategic context and the case for change, together with the supporting investment objectives for the scheme;
- the **economic case** section: demonstrates how BGCBC has selected a preferred way forward, which best meets the existing and future needs of the service and is likely to optimise value for money (VFM);
- the **commercial case** section: outlines what any potential project might look like;
- the **financial case** section: highlights likely funding and affordability issues; and
- the **management case** section: demonstrates that the scheme is achievable and can be delivered successfully in accordance with accepted best practice.

### 1.1 Strategic Context

#### Towards Zero Waste

Welsh Government has set challenging targets for the recycling of municipal waste in Wales. The overarching waste strategy 'Toward Zero Waste' outlines an ambitious goal of Wales becoming: 'a high recycling nation by 2025 and a zero waste nation by 2050.'

Future municipal waste recycling targets for local authorities are set out in the Welsh Government's waste strategy, made statutory by the Waste (Wales) Measure 2010. These statutory recycling targets to which all local authorities must comply have been set as:

52% by 2012/13  
58% by 2015/16  
64% by 2019/20  
70% by 2024/25

Welsh Government's priorities and principles for collection are summarised as:

- Provision of kerbside collection services that reduce residual waste arisings, collect high levels of clean recyclables and is at lowest overall financial cost,
- Collections services are delivered in a way that helps elicit the desired behavioral changes amongst householders whilst at the same time providing convenience;
- Provision of kerbside collection services that can provide source segregated food wastes to anaerobic digestion facilities that produce renewable energy and soil fertilizer; and

- **Provision of well signed, equipped and staffed Household Waste Recycling Centres that enable as many people as possible to access facilities for recycling as wide a range of materials as possible.**

By 2025, the strategy expects that there will be a 27% reduction in the amount of waste produced across all sectors and that 70% of what is produced will be recycled. Of the remaining 30% a maximum of 5% can go to landfill with the remaining fraction to Energy from Waste.

The Welsh Government has introduced the following more challenging statutory targets for municipal waste within its waste strategy. These are highlighted in the Table 1 below:

**Table 1: Headline targets for Municipal Waste from WG – Towards Zero Waste**

<b>Target Year</b>	<b>2010/11</b>	<b>12/13</b>	<b>15/16</b>	<b>19/20</b>	<b>24/25</b>
Min. levels of reuse & recycling/composting (or AD)	40%	52%	58%	64%	70%
Min. proportion of reuse /recycling /composting from source separation *	80%	80%	80%	80%	80%
Max. level of landfill	-	-	-	10%	5%
Max. level of energy from waste	-	-	42%	36%	30%
Min. levels of preparing for reuse (excluding Waste Electrical and Electronic Equipment (WEEE))	-	0.4%	0.6%	0.8%	1.0%

\*kerbside, bring and/or civic amenity (CA) site

The targets bring with them substantial financial penalties of £200 per tonne, for not meeting the required levels of recycling and/or exceeding the allowable levels of landfill. To put it into context 1% off a target equates to a fine of around £60,000.

## **Well-being of Future Generations (Wales) Act 2015**

The purpose of the Well-being of Future Generations (Wales) Act is to 'improve the social, economic, environmental and cultural well-being of Wales, now and in the future.' Within the Act, sustainable development is identified as a fundamental factor influencing the well-being of future generations and is set as a priority for public bodies, including Welsh councils.

An assessment of how this project will result in multiple benefits for our communities and contribute to the national well-being goals is set out in Appendix 1.

### **1.2 Organisational Overview**

The current HWRC is managed by Silent Valley Waste Services Limited which is a Teckal Company wholly owned by Blaenau Gwent. The Council controls all the shares in the



company and exercises effective day-to-day control. It is assumed that the new site will also be managed under these existing arrangements.

### 1.3 Business Strategy and Aims

#### **National Policy Context:**

The role that HWRCs play in maximising the contribution to the 70% target is a key consideration for local authorities across Wales. The Welsh Government Collections Blueprint sets an 80% recycling rate target for HWRC's in addition to the statutory recovery targets.

Using a broad analysis of WasteDataFlow data and based on the last 12 months' worth of available data (Oct 2017-Sept 2018), the estimated contribution of HWRC collected material to recycling rates for all Wales is 20.3 percentage points, i.e. if the total recycling rate were 64%, then 20.3 of these 64 percentage points would be from materials collected at HWRC.

A more detailed analysis of Blaenau Gwent's WasteDataFlow returns for the period (Oct 2017-Dec 2018) was undertaken. This shows that the contribution of HWRC collected material to recycling rates is 10.8 percentage points for the whole year. Further information is contained in Appendix 2.

#### **Local Policy Context:**

In 2016/17, Blaenau Gwent achieved an overall recycling rate of 57% which was below the interim statutory target of 58%. In 2017/18 the result for Blaenau Gwent remained at 57%. This means that the Council must continue to increase recycling performance by 5% over the next two years (2018/19, 2019/20) if it is to meet the next Statutory Recovery Target of 64%.

In 2016/17 the Council was fined £77,800 for missing the statutory target, the potential fine for 17/18 is £126,800.

## 1.4 Business Investment Objectives

The investment objectives for this project are as follows:

**Table 2: Business Investment Objectives**

<b>Business Investment objectives</b>	<b>Description</b>
Investment objective 1: Strategic Fit	To ensure the project is devised to comply with the national and local policy context for the management and minimisation of waste.  Delivers against BGCBC strategic and corporate commitments.
Investment objective 2: Operational Need	To deliver a household recycling centre provision for all Blaenau Gwent residents that provides them with easy access to recycle their household wastes.  Ensure HWRC operations are carried out within site permitted rules.  Provide environmentally sound solutions for recycling and re-use of all major materials.  Is future proof to be able to handle additional materials as technologies develop and it is economically to recycle.  Minimises landfill disposal and disposal costs.
Investment objective 3: Financial	In terms of capital to secure capital assistance from WG.  In terms of revenue to maximise the range of materials collected to generate maximum income.  Provides the opportunity to introduce re-use.
Investment objective 4: Employment Opportunities	Project is aligned with the goals and ways of working outlined within the Future Generation (Wales) Act 2015. Prosperity for All: Welsh Government's Economic Action Plan  Collaboration with third sector partners to develop employment opportunities and enhance qualifications such as training in NVQs.

## 1.5 Existing Arrangements

The Authority currently operates one HWRC which continues to be operated by Silent Valley Waste Services Ltd and is based on the Waun-y-Pound Industrial Estate in Ebbw Vale. The site, named "New Vale" achieved a recycling rate of 56% during 2017/18.

In 2018/19 Blaenau Gwent introduced black bag sorting at its' HWRC in New Vale. Although it is too soon to rely on results, initial results saw a decrease of 80% in residual waste in the first quarter, although in October 2018 there has been an increase of traffic / visitor numbers to New Vale Site.

Bordering Local Authorities are suggesting that some residual tonnage has shifted across

the border and they are seeing increases in their residual tonnages. It is crucial to note that these neighboring authorities are also considering the introduction of black bag sorting and various methods of residency checks. Imminent changes to surrounding authorities' services, subject to member approval, are: -

- Torfaen CBC to introduce black bag sorting at their New Inn HWRC in March 2019,
- Caerphilly CBC to introduce proof of residency across their HWRC network in April 2019, and
- Monmouthshire CBC to introduce proof of residency at their HWRCs in May 2019.

This is therefore likely to drive Blaenau Gwent's residents and tonnage back into its' own HWRC network, and therefore supports the need for Blaenau Gwent to have its' own infrastructure to deal with this tonnage but also providing the opportunity to increase materials collected, as economical reprocessing becomes available and introduce a re-use service.

## 1.6 Business Needs

### 1.6.1 Current Needs

The current single site services all residents in Blaenau Gwent and any significant expansion is limited by its geographical location.

WRAP guidance, issued in January 2016, recommends residents should be able to access a site within a 20-minute drive. However, this does not take account of the specific geography and operational needs for each local authority and this is why Blaenau Gwent is considering building a second HWRC in the Ebbw Fach Valley.

### 1.6.2 Future Needs

The development of a new site will provide the residents of Blaenau Gwent with accessible and improved recycling facilities.

A new site will also provide capacity to introduce re-use of household items with benefits of improved recycling rate for Blaenau Gwent, access to furniture and items for the community and although likely modest in value, will generate income for re-investing into the service and into the community. In particular using this project to work with third sector partners, who can tap into funding schemes to improve employability and work programmes in the borough.

## 1.7 Scope of preferred option

In 2016 significant remodelling of HWRC related waste flows was undertaken by Eunomia, on behalf of WRAP Cymru, and published in the report "Blaenau Gwent – Service Improvement Options, WRAP, 2017".

A further report "BGCBC\_HWRC\_Support\_Final\_V8.3\_171122\_SENT" was commissioned to undertake, amongst other service changes, an evaluation of sites for a second HWRC in Roseheyworth, from an original long list of potential sites. Under each new design configuration, the effective implementation of strict residual policies alongside the levels of resourcing were evaluated against an objective of the HWRC network achieving recycling rates over 80%.

In conclusion, introducing a second HWRC site at Roseheyworth would improve service provision for residents in the south of Blaenau Gwent CBC who are currently located closer to HWRC facilities outside the borough. Additionally, this would reduce the burden on New Vale and reduce congestion at peak times. It would also increase the recycling rate of the HWRC network as it will be easier for site staff to interact with site users and support segregation of recyclables. It is anticipated that that the additional tonnage projected to arise at the new site will contribute an additional 1 percentage point to Blaenau Gwent's overall recycling rate.

The preferred Option recommended by Scrutiny on 24<sup>th</sup> November 2017 was for the improvement to New Vale HWRC site and development of a second facility at Roseheyworth South.

## 1.8 Benefits Criteria

This section describes the main outcomes and benefits associated with the implementation of the project in relation to business needs as identified in Table 3:

**Table 3: Benefits Criteria**

Investment objectives	Main benefits criteria by stakeholder group
Investment objective 1: Strategic Fit	Delivery of a project that complies with: <ul style="list-style-type: none"> <li>• the Welsh Government’s national policy context for waste;</li> <li>• the local policy context as per BGCBC’s Waste Corporate Plan;</li> <li>• improve and maintain public perception;</li> <li>• increase public awareness of resource efficiency;</li> </ul>
Investment objective 2: Operational Need	<ul style="list-style-type: none"> <li>• minimize the impact on the environment by increasing recycling and the introduction of a re-use centre;</li> <li>• improve overall service provision for residents;</li> <li>• improve service to users by reduced drive times for householders across the whole County;</li> <li>• future proofing service to manage increasing throughput now and in to the future;</li> <li>• a second site may improve fly-tipping through increased access to the service;</li> </ul>
Investment objective 3: Financial	<ul style="list-style-type: none"> <li>• in terms of capital - to deliver the project within the funding and budget available;</li> <li>• ability to recover more value from residual waste and contribute to a more resource efficient Blaenau Gwent;</li> <li>• reduce revenue operating costs by maximising re-use and recycling and minimising disposal costs;</li> <li>• ability to generate income if commercial waste services are offered in the future;</li> </ul>
Investment objective 4: Employment Opportunities	<ul style="list-style-type: none"> <li>• is aligned with the goals and ways of working outlined within the Future Generation (Wales) Act 2015;</li> <li>• achieves new jobs in the area;</li> <li>• develops employment opportunities and enhances qualifications/NVQs;</li> <li>• engage with local partners and reuse organisations to increase re-use and the wider social benefits.</li> </ul>

## 1.9 Strategic Risks

**Table 4: Project Main Risks**

Main Risk	Consequence / Impact	Counter Measures
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<b>Permitting</b>		
Permitting requirements for the new site are demanding and costly.	Delay or stop the development.	Work with WRAP and internal experts to ensure design meets permitting needs.
Permitting refused.	Delay or stop the development.	Carry out permit work in tandem with the planning regulations work.
<b>Design</b>		
Planning permission refused.	Delay or stop the development.	
Ground conditions.	Stop or fundamentally change the development.	Early site condition surveys to be carried out.
Design and preparation of Tender documents not completed on time.	Delays to timescales. Loss of opportunities.	Managed in-house by the BG experienced team
<b>Development</b>		
Objections to the new site by local business.	Objections delay or stop the build project.	Early engagement with the local businesses
Objections to the new site by residents.	Objections delay or stop the build project.	Early consultation.
Change management and project management expertise to manage the project	Delay or stop project.	Dedicated internal project manager will be appointed, ability to call upon additional internal and external resource
<b>Implementation risks</b>		
Timescale	Delay of the development	Close management of each element of the project, set realistic and attainable milestones, review and evaluate.
Cost risks	Delay or stopping the development	Follow a robust tender process, confirm and contract if appropriate all costs.  Monitor and report
<b>Operational risks</b>		
Performance	Recycling performance falls below statutory requirements and BG still face WG fines.	Adequate resourcing of the site. Introduction of residual restrictions. Introduction of well publicised re-use shop.
Operating costs	No internal budget to run the sites.	Maximise recycle income. Minimise disposal costs.

Plant availability	Plant and equipment delivery is delayed or fails	Robust due diligence, agree realistic and attainable lead times, ongoing dialogue and reporting from suppliers
Poor utilisation of the new site or cross border abuse	Increased operating costs.	Improved drive times for some residents. Will be well publicised. Re-use shop will be promoted through local communications.
<b>Financial risks</b>		
Insufficient Capital Funding;	Failure to secure funding from WG stops development.	Early application to WG. Delivers against the WG legislative context.
Insufficient revenue funding;	No internal budget to run the site	Maximise recycle income. Minimise disposal costs.
BG miss the statutory recycling targets	Potential cost of £100,000 per 1% under target	Build programme will deliver operational sites ahead of the next increase in statutory target.
Insufficient revenue generation from sale of materials.	Lose the commercial viability of the project.	Residual restrictions. Engage with WRAP Material Brokerage to maximise revenue from materials.
Insufficient material markets for recovered materials and/or price fluctuation.	Do not achieve required revenue,	Engage with WRAP Brokerage to maximise revenue from materials.

### 1.10 Constraints and Dependencies

**Table 5: Project Constraints**

<b>Constraint</b>	<b>Description</b>
Cost / financing	All capital building projects are faced with financial constraints and the project will have to be carefully managed from inception to completion to ensure it is delivered within budget.
Quality	The build quality of the infrastructure and buildings is fit for purpose.
Planning and permitting	As with all developments the project will have to be planned, designed and delivered carefully within the parameters set by the planning system, permitting regulations and building regulations.
Legal	Finally, a key constraint is the legal framework that the project will need to be delivered within.  Procurement rules will be in line with BGCBC guidelines and protections.

## 2.0 The Economic Case

The review of options for HWRC provision has identified that the introduction of a second HWRC within the Ebbw Fach valley and in particular at the site in Roseheyworth South would improve service provision for residents in the south of Blaenau Gwent who are currently located closer to HWRC facilities outside the County Borough. Additionally, this would reduce the burden on New Vale and reduce congestion at peak times. It would also increase the recycling rate of the HWRC network and support the segregation of recyclables.

### 2.1 Critical Success Factors

**Table 6: Critical Success Factors**

Critical success factors	Description
Business need	The Preferred Option must satisfy the existing and future waste management needs of WG Legislation, including, BGCBC need to increase recycling and reduce costs, as well as the needs of the wider community in terms of job creation;
Strategic fit	The Preferred Option must fit within the national and local policy context for waste management and minimisation as set out in this SOC;
Benefits optimisation	The Preferred Option, as described in this SOC, must provide the best solution to ensure that current and future demand in the provision of waste management and recycling solutions can be met at the required standard of service;
Potential achievability	The Preferred Option must deliver the best means of delivering the waste solutions envisaged whilst being acceptable to the industry dynamics and the community requirements;
Potential affordability	The Preferred Option must be affordable in terms of capital investment and life cycle revenue cost.  It must generate quality materials that are acceptable to the industry and can be recycled, and re-use items of a quality acceptable to the public and third sector organisations.

### 2.2 Options Appraisal

In 2017 Eunomia was appointed by WRAP Cymru to undertake a follow-up review of 3 scenarios for the HWRC service provision.

The following scenarios were appraised:

- Improved development of New Vale HWRC, 4 redesign sub-options within this option;
- Opening a second HWRC facility in the Ebbw Fach Valley, 2 locations were considered; and
- Feasibility and likely market for trade waste acceptance at the Silent Valley WTS.



The main objectives of this review were to:

- Provide updated capital and operation cost estimates for the four reviewed designs for New Vale alongside expected waste flows and performance;
- Provide an implementation plan for the development of each option;
- Investigate and set out opportunities regarding the development of reuse facilities and Trade Waste controls;
- Evaluate the potential case for developing a second HWRC site at two locations in Roseheyworth; and
- Investigate opportunities for accepting commercial waste at the facility at Silent Valley.

The preferred option proposed in this business case is to open a second HWRC site, with re-use, at Roseheyworth.

It does not cover commercial waste opportunities at Silent Valley.

In 2018 further sensitivity work was carried out by WRAP Cymru (*BG\_SensivitiesReview\_FINAL*) to look at the impact on assumptions and to investigate whether the conclusions originally made for the preferred options would change.

The following assumptions were made in the original review:

1. The new site would increase the total HWRC yield across Blaenau Gwent by 23%, due to householders in the south of the county no longer using a HWRC in the neighbouring county. All of this extra waste would be deposited at the new facility.
2. Through improved site design, facilities and on-site practices, the total recycling rate at both HWRCs would be 83.4% - which equates to a 15% increase in recyclables collected at New Vale and decrease in residual waste collected of 60%.
3. 15% of the all material collected at New Vale would be redirected to the new site.
4. Material gate fees and rebates would remain constant.

Table 7 below shows the sensitivities tested in this review based on the assumptions above:

**Table 7: Sensitivity Scenarios**

<b>Sensitivity</b>	<b>Description</b>
<b>1a HWRC Yield</b>	Increase in total HWRC yield across Blaenau Gwent of 15% (instead of 23%)
<b>1b HWRC Yield</b>	Increase in total HWRC yield across Blaenau Gwent of 30% (instead of 23%)
<b>2a Recycling Rate</b>	Increase in HWRC recycling to 20% (from 15%) and decrease in residual yield to -70% (from -60%)
<b>2b Recycling Rate</b>	Increase in HWRC recycling to 10% (from 15%) and decrease in residual yield to -50% (from -60%)
<b>3a Material Costs (Best Case)</b>	Best case: 20% increase in rebate values AND 20% decrease in gate fees
<b>3b Material Costs (Worst Case)</b>	Worst case: 20% decrease in rebate values AND 20% increase in gate fees

Overall the total variation in costs based on the sensitivities tested were low and so would not have dramatically changed the original conclusions drawn by Blaenau Gwent.

### 3.0 The Outline Commercial Case

#### 3.1 Procurement Strategy

Procurement of the construction supplier/s and materials will be in line with BGCBC guidelines, and will be sourced locally wherever possible, and economically viable, to create further value for local businesses.

A tender process will provide both detail on the capital cost, currently estimated using most up to date industry estimates, and on the build and commissioning timescales.

#### 3.2 Timescales

**Table 8: Project Timescales**

Date	Activity Description
September 2018	Expression of interest for WG grant made identifying BG need
October 2018	Pre-application consultation
November 2018	Consider consultation responses
December 2018	Full planning application is submitted
March 2019	Planning Committee
April 2019	Submit formal application for WG grant funding
May 2019	Deal with planning conditions
May/June 2019	Resolve any ecology issues
November 2019	Tender and appoint construction contractor
November 2019	Report to Executive and Council with options regarding financing
January 2019	Start build period
Summer 2020	Operational site (assumes 6 month build)

The detailed project timescales for build and commissioning will be determined by the tender process and appointment of the contractor. The above dates are indicative only.

## 4.0 The Outline Financial Case

### 4.1 Summary financials

#### 4.1.1 New HWRC at Roseheyworth

In the original review, the total capital expenditure at Roseheyworth South was £1.163m. Blaenau Gwent internal design engineers have now estimated that the total capital expenditure will increase to £2.8m. As such the total capital costs have been increase as shown in Table 9 below.

Also included is a land reclamation repayment to Welsh Government.

The Prudential Borrowing rate for the £2.8m capital spend has been provided by Blaenau Gwent finance.

**Table 9: Capital Expenditure Roseheyworth Business Park South**

CapEx Type	Total	Over	Annual Cost	Comments	
Access , prelims, civils etc.	-£2,500,000	25	Years	-£125,000	Prudential borrowing - cost of borrowing supplied by BG. CapEx estimate of £2.5m from BG, 25yr
Mechanical and Electrical	-£300,000	10	Years	-£33,000	Mechanical/Electrical prices from original review
Land reclamation payment to WG	-£75,000	25	Years	-£4,000	
TOTAL	-£2,875,000			-£162,000	

### 4.2 Revenue costs

Operational costs for the new site include staffing, equipment rental, overheads, service, maintenance, security, utilities and fuel, are deemed constant across all options.

The estimated total operational expenditure for the operation of the new HWRC, seven days a week:

1. Roseheyworth New HWRC = £497,000 pa

Detailed revenue costs are being modelled across a number of different scenarios and will be presented in a report to Scrutiny and Executive.

### 4.3 Potential Sources of Funding

This report is submitted as support for the application of grant funding from Welsh Government and in consideration of Blaenau Gwent self-funding though capital or through Prudential Borrowing.

#### 4.3.1 *Blaenau Gwent Prudential Borrowing*

If Blaenau Gwent are to borrow to fund the development costs it is assumed that the highways and preliminary costs, as identified in Table 9 above, will attract a Prudential Borrowing of 25% and is based on estimates supplied by Blaenau Gwent finance team. The period for prudential borrowing would need to be linked to the useful life of the asset. It should be noted that borrowing interest rates supplied by the Public Works Loan Board are subject to change which will affect the annual cost of borrowing

#### 4.3.2 *Welsh Government Capital Support*

Capital support is required for the build of a new HWRC at Roseheyworth.

The estimated total required total capital investment for the new HWRC site at Roseheyworth is shown below in Table 10.

**Table 10: Capital Expenditure – New HWRC - capital support**

CapEx Type	Total		
Access, prelims, civils etc.	-£2,500,000	25	Years
Mechanical and Electrical	-£300,000	10	Years
TOTAL	-£2,800,000		

This value differs to Table 9 above as the Land Reclamation repayment of £75,000, payable to Welsh Government, has been excluded here.

### 5.0 **The Outline Management Case**

This section summarises how this project will be managed to ensure delivery on time and to budget.

#### 5.1 **Build and Commissioning Control**

Blaenau Gwent will appoint an internal engineer to manage a tender process to evaluate and appoint a contractor. A tender process will source a contractor to manage the build and commissioning of the new HWRC site. The internal engineer will also project manage the contractor throughout this period.

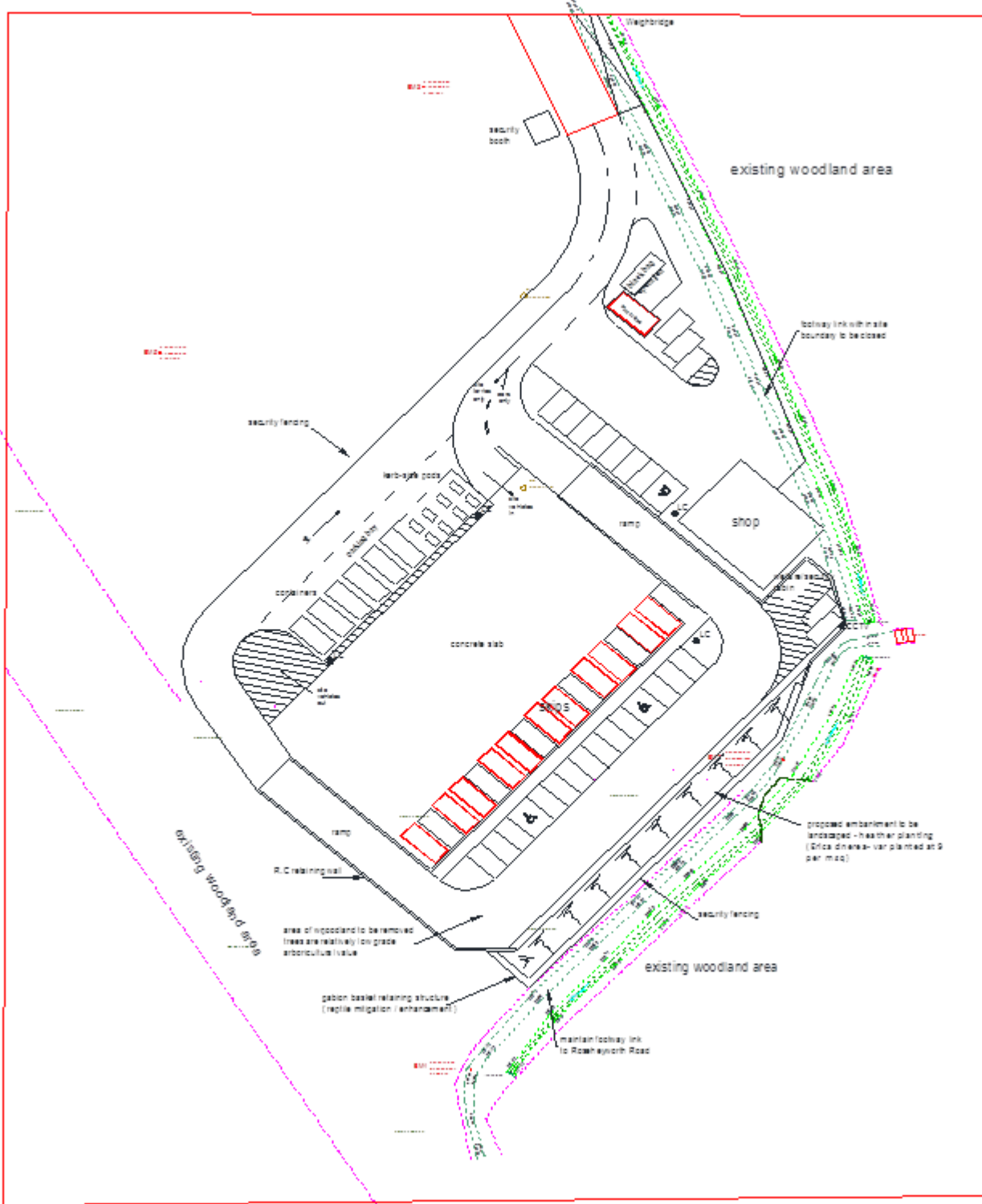
#### 5.2 **Operation of the new HWRC**

The new site will be managed by Silent Valley until Blaenau Gwent internal review has been completed, as identified in Section 4.2 above.

#### 5.3 **Summary of overarching legal advice**

The site to be utilised for the new HWRC is one already owned by Blaenau Gwent. OJEU procurement rules will be followed to source a competent contractor.

# A.1.0 New HWRC Design



## A.2.0 HWRC Impact on Local Authority Recycling Rates

### Estimated Welsh contribution of HWRC collected material to recycling rates.

Using a broad analysis of WasteDataFlow data and based on the last 12 months' worth of available data (Oct 2017-Sept 2018), the estimated contribution of HWRC collected material to recycling rates for all Wales is 20.3 percentage points, i.e. if the total recycling rate were 64%, then 20.3 of these 64 percentage points would be from materials collected at HWRC.

The contribution varies from authority to authority, from a minimum of 9.1 percentage points to 32.3. Using the methodology described below, Blaenau Gwent currently has the second lowest contribution from its' HWRC infrastructure.

### Blaenau Gwent HWRC Contribution

A more detailed analysis of Blaenau Gwent's WasteDataFlow returns for the period (Oct 2017-Dec 2018) was undertaken. This shows that the contribution of HWRC collected material to recycling rates is 10.8 percentage points for the whole year. This contribution has increased in the last two quarters, as shown in the table.

	Q3 Oct-Dec 17	Q4 Jan-Mar 18	Q1 Apr-Jun 18	Q2 Jul-Sep 18	Q3 Oct-Dec 18
Total HWRC recycling (t)	682	724	1,053	871	620
Total MSW (t)	7,498	7,658	8,417	7,377	6,901
Contribution (% point)	9.1	9.5	12.5	11.8	9.0
Total HWRC Residual (t)	666	701	643	150	129

*To note: Q3 18/19 data is un-validated and subject to change.*

### Methodology

#### **Total Welsh HWRC contribution:**

This was estimated by adjusting the arisings of recyclable and residual material from HWRC to estimate the proportions of recycling from each stream. The total estimated recycling was then compared to total municipal waste to find the contribution toward recycling rates. The following adjustments were used:

1. Wood – a 40% reject rate was applied to all wood collected at HWRC (this is a Wales average).
2. Commingled – a 25% reject rate was applied to any non-residual, mixed material reported as collected at HWRCs.
3. Residual – it was assumed that all residual material collected at HWRCs is sent to Energy from Waste, and 20% of that is recycled incinerator bottom ash.

It should be noted that all local authorities operate a different number of HWRCs per population, and have different policies/procedures at HWRCs, such as permitting trade waste or restricting residual waste – these factors will impact the contribution of HWRCs to overall recycling rates. Also, the mass of waste collected from other sources will impact the contribution of HWRC recycling to total recycling.

Finally, the adjustments are based on Wales averages, individual local authorities may have different material reject rates and different outlets for their residual material.

**Blaenau Gwent HWRC contribution:**

A more in-depth analysis was undertaken for Blaenau Gwent's HWRC waste. Each material stream was analysed separately and adjusted using reject/recycling rates reported to Q100 of WasteDataFlow to provide a more accurate recycling contribution.

ON 11<sup>th</sup> June 2018 Blaenau Gwent introduced black bag sorting. There is little change in terms of recycling contribution since this change, but actual yield of residual material has decreased significantly. Some of the issues that may impact contribution are; the amount of IBA recovered from HWRC residual has decreased due to lower yields; Q3 usually sees lower yields of green waste; and Blaenau Gwent have reported much higher wood reject rates in recent quarter than during 17/18.

For information HWRC numbers in those local authorities with the highest contribution are as follows:

Carmarthenshire – 4

Pembrokeshire – 6

Wrexham – 3

## A.3.0 Well Being Goals

Extract from Blaenau Gwent County Borough Council – Future Household Waste Recycling Centre Provision – 24/11/17

Assess how well your project / activity will result in multiple benefits for our communities and contribute to the national well-being goals.		
Description of the Well-being goals	How will your project / activity deliver benefits to our communities under the national well-being goals?	Is there anyway to maximise the benefits or minimise any negative impacts to our communities (and the contribution to the national well-being goals)?
<p><b>A prosperous Wales</b> An innovative, productive and low carbon society which recognises the limits of the global environment and therefore uses resources efficiently and proportionately (including acting on climate change); and which develops a skilled and well-educated population in an economy which generates wealth and provides employment opportunities, allowing people to take advantage of the wealth generated through securing decent work.</p>	<p>Increase recycling at New Vale if a better layout/experience is created for residents, less travelling for residents from Abertillery/Blaina if a new site was developed. Projected 1% increase in overall recycling rate with new HWRC.</p>	<p>Providing residents with more suitable facilities for the future to achieve 70% recycling rate by 2025</p>
<p><b>A resilient Wales</b> A nation which maintains and enhances a biodiverse natural environment with healthy functioning ecosystems that support social, economic and ecological resilience and the capacity to adapt to change (for example climate change).</p>	<p>Less likely fly tipping around New Vale if layout/access is better for residents. Less chances of fly tipping in Ebbw Fach Valley if a new site is developed.</p>	<p>Less visual impact on area around New Vale and new site. Less damage to environment/ecosystems in the area, especially if hazardous waste is illegally tipped.</p>



<p><b>A healthier Wales</b> A society in which people's physical and mental well-being is maximised and in which choices and behaviours that benefit future health are understood.</p>		
<p><b>A more equal Wales</b> A society that enables people to fulfil their potential no matter what their background or circumstances (including their socio-economic background and circumstances).</p>	<p>New site and improvements can help provide a site that accommodates everyone's needs</p>	<p>Improvements to New Vale and a new site will allow alterations to be made in order to accommodate everyone.</p>
<p><b>A Wales of cohesive communities</b> Attractive, viable, safe and well-connected communities.</p>	<p>Allows residents that have struggled to get to New HWRC for various reasons would be able to access a new site much closer to them.</p>	<p>Improvements to New Vale will help provide a safer facility for the HWRC and a new one will alleviate the pressures at New Vale</p>
<p><b>A Wales of vibrant culture and thriving Welsh language</b> A society that promotes and protects culture, heritage and the Welsh language, and which encourages people to participate in the arts, and sports and recreation.</p>	<p>All signs on both HWRCs provided in Welsh.</p>	
<p><b>A globally responsible Wales</b> A nation which, when doing anything to improve the economic, social, environmental and cultural well-being of Wales, takes account of whether doing such a thing may make a positive contribution to global well-being.</p>		

[www.wrapcymru.org.uk](http://www.wrapcymru.org.uk)

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