

BDR WASTE PFI BDR MANAGER ANNUAL REPORT 2022-2023

1.0 Governance

1.1 Resources

- 1.1.1 The BDR Team continue to work flexibly from Council offices across the BDR Partnership, The PFI Waste Treatment facility at Bolton Road and from their individual homes utilising MS Teams.
- 1.1.2 Beth Baxter, one of the BDR Managers has increased her working hours (from 3 days to 5 days). On the additional two days she will be working for RMBC to complete the work on Rotherham only projects, such as improvements to the commercial waste service and Household Waste Recycling Centre (HWRC) procurement / bringing the service in house. These additional two days are being funded directly by RMBC. The increase in employee expenses has been incorporated into the budget forecast below.
- 1.1.3 In anticipation of the release of the Governments direction, guidance and secondary legislation from the Resource and Waste Strategy, the creation of a further two new 2-year posts for the BDR Team were agreed by JWB in July 2022 . In conjunction with RMBC HR one of these posts has now been created and approved on the establishment.
- The Senior Technical Officer position - to assist with anticipated large legislation changes and contract re-negotiation – is currently out for advertisement and shortlisting will be undertaken in the coming weeks.
 - The Admin Apprentice post - to support the team as it delivers the anticipated workloads - Has been held in abeyance until future workloads are better understood.
- 1.1.4 The BDR team is entering into a new procurement for financial advice, as the current suppliers contract term ends in Spring 2023. The BDR team has consulted with Steering Committee on the details and anticipated value of the proposed tender to ensure the scope and specification is appropriate. A business case has been drafted in collaboration with RMBC Procurement to seek approval to award for the next term of 5 years. The budget requirement for this is included in the operational management budget section
- 1.1.5 The procurement of technical consultant has been awarded to Stantec. The consultant will be utilised to investigate, review and advise on issues such as EA Permit Changes, Persistent Organic Pollutants (POP's) Change in Law (CiL) impacts, R&W Strategy outcomes and maintenance plans. The budget requirement for this is included in the operational management budget section.

- 1.1.6 The Community Engagement and Liaison Officer (CELO) has submitted the 2022/23 CELO Plan to the BDRS Communications Working Group in early 2022 and this was approved for delivery.

Although the assistant CELO role has been made permanent this year to continue to support the delivery of the CELO plan. From January 2023 there has been a reduction in CELO staff by 50% as the assistant CELO started her maternity leave and this has had an effect on the volume and types of CELO work that could be undertaken.

In addition, the CELO will also be commencing maternity leave in the autumn of 2023. Renewi is currently entering recruitment to cover the contractual CELO position. The 23/24 CELO plan has been adapted accordingly to cope with these periods of maternity leave and has been submitted to the BDRS Communications Working Group in early 2023 and this was approved for delivery.

1.2 Strategic Meetings

1.2.1 BDR Joint Waste Board

The BDR Joint Waste Board met quarterly in 2022/23 and it has now become possible to meet in person. There have been some occasions where it has been necessary to send deputies and the elected members that attend these meetings has changed due to local elections.

1.2.2 South Yorkshire Leaders' Meeting

The South Yorkshire Leaders' Meeting was held on 14th November 2022 and on behalf of the BDR Partnership, as Chair of Steering Committee CDC's Assistant Director Environment, Kellie Hopkins attended this meeting to deliver an update on the PFI.

2.0 Contract Delivery

2.1 Contract Strategic Meetings

2.1.1 BDR Liaison Committee Meeting

The Liaison Committee meetings between the Councils, the contractor and the operating contractor continue to be positive, the representatives across all parties have been in post for some time and this allows for a collective understanding of contractual positions. They were held (via MS Teams) in May 2022 and October 2022.

2.1.2 Operating Contractor (OpCo)

Monthly meetings are held between the BDR team and Renewi, the operating contractor. At these meeting the BDR team receive updated reports on plant performance and maintenance, duty of care, health and safety, any projects, contractual performance and site inspection outcomes. The BDR team raise

any performance issues and agree deductions that should be applied, and the Contractor is measured against contractual requirements.

2.2 Bolton Road

2.2.1 As at the start of 22/23 the two primary monitoring metrics for the contract are recycling performance and diversion from landfill. The recycling performance contractual target was set at 17.5% (default-termination trigger below 10.5%) and diversion of waste from landfill of more than 96.64% for 2022/23.

2.1.2 In 2022/23 the facility achieved a recycling rate of 14.47%, a decrease of 0.49% on the 2021/22 rate. This recycling rate includes all material presented to the market for recycling from the BDR waste treatment contract.

2.1.3 In the same year, the facility achieved 99.13% diversion from landfill, an increase of 1.04% on the previous year. This rate includes all the waste from the contract presented for recycling, processed through the AD facility, moisture reduction and/or sent for energy recovery.

Table 1 – 2022-23 Tonnage forecast v Actual

| | Barnsley | Doncaster | Rotherham |
|-------------------------------|-----------------|------------------|------------------|
| Year End tonnage split | 31.50% | 39.52% | 28.98% |
| Tonnage billed in UC Payments | 65,362.50 | 82,004.00 | 60,133.50 |
| Year end tonnage out-turn | 65,438.10 | 82,098.85 | 60,203.05 |
| Variance | 75.60 | 94.85 | 69.55 |

Table 1 above shows the proportion of waste delivered from April 2022 to March 2023 and the variance between the Initial forecast and the final year end forecasted Unitary Charge amount invoiced. This is a decrease of 4.68% on the previous year and can be attributed to the removal of COVID-19 measures, the change to the new normal in terms of school attendance, hybrid working and potentially the cost-of-living crisis.

2.1.4 We are still awaiting the final 22/23 UC reconciliation (due June 2023) but the final input tonnage figure for the 2022/23 financial year was 207,740 tonnes of contractual residual waste from Barnsley, City of Doncaster and Rotherham.

2.1.5 The BDR team pro-actively reviewed the anticipated tonnage forecast throughout the year and adjusted the monthly Unitary Charge payments accordingly to ensure accurate UC amounts to aid budget forecasting.

2.1.6 21/22 saw 217,951 tonnes delivered. The 22/23 figure of 207,740 sees a decrease of 4.68% on the previous year.

Figure 1 - Tonnage Tracker

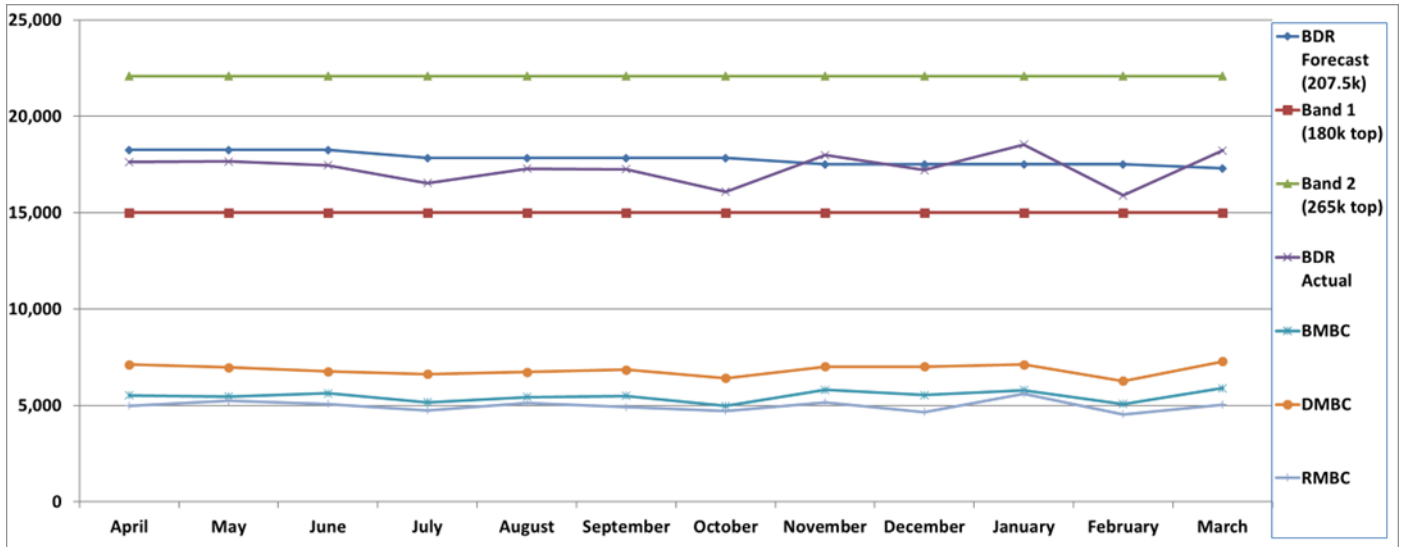
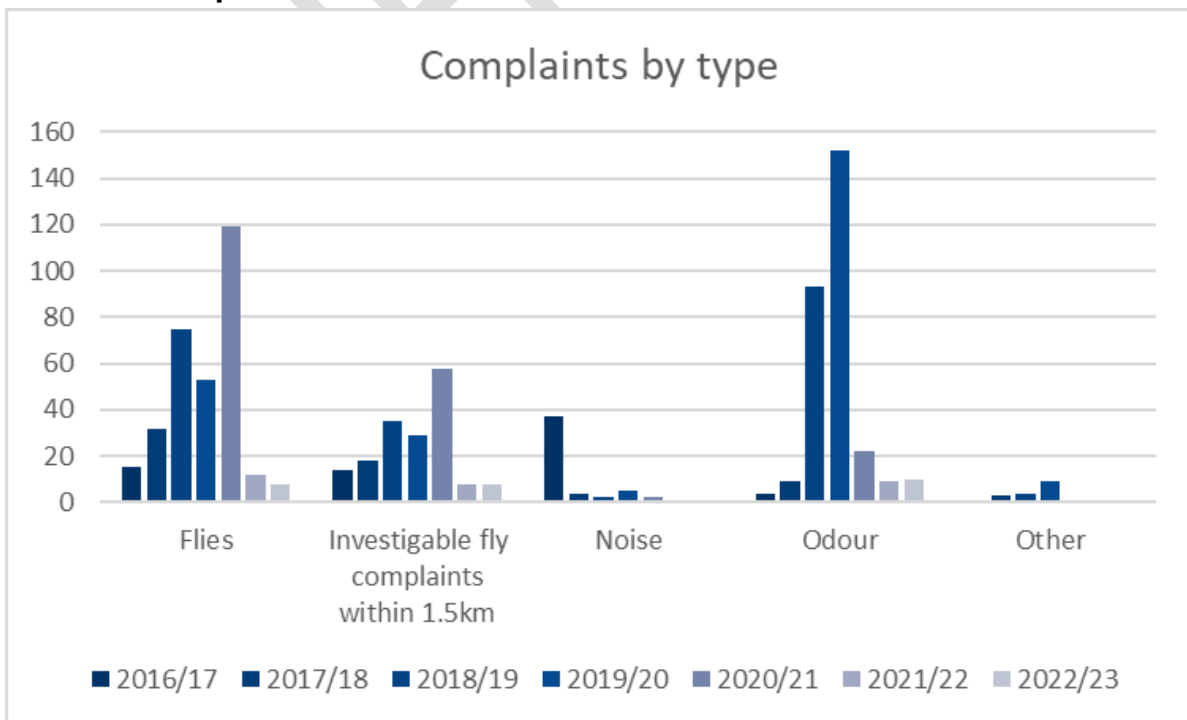


Figure 1 above shows the actual tonnage profile from April 2022 to March 2023 across the partnership.

2.3 Complaints

2.3.1 A total of 17 complaints were received during 2022-23, which is a 22.7% decrease over the previous year. No complaints were received regarding Barnsley Transfer Station.

Table 2 - Complaint Statistics



2.3.2 **Fly Management** - Throughout 2022/23 Renewi continued to use the crane mounted Provecta dosing system, to aid fly prevention as per consultation with the Environment Agency. Once waste has been shredded and placed in the bio-drying halls it is capped with dried waste and then the surface treated with Provecta from above. This new system is proving highly effective with fly numbers regularly at a third of those reported in 2020/21.

2.3.3 **Odour Management** - Following on from the successful replacement of the line 1 biofilter early in 2021 the media in line 2 biofilter was changed in 2022. Both bio-filters continue to operate well and as such there are no current plans to change the filter media.

Between mid-August and mid-September 2022 there was a spike in odour complaints with 9 complaints received in a month. These coincided with unfounded, single source social media traffic. However, following visits to site and the local area by Environment Agency they confirmed that no specific odour could be linked to the site, in fact other sites within the local environment may have been the source. Any odours on site were not malodorous and as such were acceptable within the permit.

2.3.4 The BDR team are confident that all best practices are in place, following substantial interaction and advice from the EA and good relationships having been built between the EA and local MP. Statistical data has been captured to evidence the reduced and currently low fly numbers being seen in and around site. This has allowed a better understanding of the sites substantial and proactive fly management activities. It has highlighted their best practice and the lack of, or poor fly management activities of other waste facilities in close proximity and surrounding the site.

2.4 Report Environmental

2.4.1 In 2022/23 two accidental releases of gaseous materials took place. These self-reported, Schedule 5 notifications are made to the Environment Agency (EA), our regulator. None of these Schedule 5 notifications resulted in a Compliance Assessment Report (CAR) score from the EA.

In December 2022 there were two releases totalling 303.9m³ of methane from the fermenter and percolate tank pressure release valves. A fault was detected on the gas blower and the system was reinstated in under five hours.

In March 2023 there was a release of 214.3m³ of methane from the fermenter and percolate tank pressure release valves. This release was as a result of a fault on the gas blower associated with the December release. The system

was reinstated in under three and a half hours with further investigation to be undertaken.

2.4.2 In 2022/23 the industry regulator, the Environment Agency (EA), issued four CAR to the BDR Waste Treatment Facility and one to Barnsley Transfer Station. One of these relates to the Schedule 5 breach in December 2022 detailed above.

None of the CAR's include any breaches of permits or points. The three CAR were issued to detail the outcomes (all passed without any corrective actions) of air monitoring results and as part of the Best Available Technologies (BATs) review of permits.

Table 3 - Details of Communications with any relevant Authority

| | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| EA inspections @ BDR Bolton Road | | | 1 | | | | | 1 | | | | |
| EA inspection @ Barnsley Transfer Station | | | | | | | | | | | | 1 |
| CAR Received BDR Bolton Road | | | | 2 | | | | 1 | | | 1 | |
| CAR Received Barnsley Transfer Station | | | | | | | | | | | | 1 |
| HSE Enforcement notices BDR Bolton Road | | | | | | | | | | | | |
| HSE Enforcement notices Barnsley Transfer Station | | | | | | | | | | | | |
| HSE Cautions BDR Bolton Road | | | | | | | | | | | | |
| HSE Cautions Barnsley Transfer Station | | | | | | | | | | | | |
| New Permits, Variations, Revocations & Suspensions issued. (All Operations) | | | | | | | 1 | | | | | |

2.5 Damaged Stack

2.5.1 Following the damage to the de-dusting stack silencer in the January 22 storms, the affected section had been removed from the stack. A new silencer has been re-engineered and fabricated and the new silencer was reinstalled as planned 26th July 2022. The system is now fully functional with no issues arising.

2.6 Damaged Pasteurisation Tunnel Walls

2.6.1. Work on the AD pasteurisation tunnel repairs commenced in early December 2022 with additional core samples taken for concrete analysis. Much of the damaged concrete has now been eradicated. Restoration of heating pipes took place in January 2023. Due to pasteurisation tunnel repair works, compost like outputs deployments are currently on hold and pre-pasteurised material is currently being shipped to Agriorganics for pasteurisation and use.

2.7 AD Acid Scrubber

- 2.7.1 The acid scrubber dosing system work has been paused pending further responses from the designer and installing contractor, JCBE. No further updates at this stage.

Technical consultants Stantec have been appointed to the BDR team. They have been provided with details of the system and are currently evaluating the information to understand its performance baseline requirements.

2.8 BAT's - permit emission amendments

- 2.8.1 Renewi have received a draft revised permit from the EA detailing the new required emissions levels. Renewi have formally written to the Councils to notify them that they believe this is a Qualifying Change of Law and therefore, once the changes in the permit have been analysed, there may be a claim for any additional resource/expenditure to meet the new permit requirements.

The BDR Team has asked for Renewi to provide detailed analysis of the changes and an in-depth explanation as to where (if any) payment is required from the Councils. Utilising their technical consultants, Stantec, and their financial and legal advisors, the BDR team will undertake due diligence of any claim to ascertain if payment is required or the claim is to be rejected.

2.9 Ferrybridge

- 2.9.1 During 2022/23 Ferrybridge accepted 129,277 tonnes of BDR's SRF and generated 119,436 MWhrs of electricity. Enough electricity to power approximately 32,000 homes for a year and

2.10 Grange Lane – Barnsley Transfer Station

- 2.10.1 **Upgrade Works** – All dilapidation work has now been completed. BMBC commissioned a survey of the new schedule of conditions to record a standard for Renewi to keep the site to a good and tenable condition to the end of the contract.

A meeting between BMBC and assets is required to sign off future maintenance obligations.

- 2.10.2 **Incidents** - 2022/23 has seen a marked increase in trespass with five related to the theft or attempted theft of fuel at BTS. All break-ins were reported to South Yorkshire Police and crime reference numbers provided. The new CCTV system has been utilised to scare the intruder away.

2.10.3 **BMBC Non-contract Garden Waste**

Duty of Care completed at S.E.D. who are the new waste processor for BMBC garden waste delivered to BTS, the visit went very well and loads of green waste are now being shipped into their site in Wigan.

2.10.4 **Persistent Organic Pollutants (POPs)**

Due to a change in regulations the BTS site has been asked to deal with furniture containing POPs. New EA guidance requires separately handling and storage, and that the waste can no longer go to landfill and requires to be sent off site for compliant processing by incineration.

This has been undertaken for both contractual HWRC POP's waste, and non-contractual BMBC bulky and fly-tipped POP's waste. To adhere to and meet the EA's guidance on managing, handling, storage and disposal by incineration of POP's, this has caused increased pressures on tipping times and Storage capacity and has seen around a two-fold increase in cost of disposal for this material stream.

Renewi wrote to the BDR team to highlight that the then current contract and non-contract waste acceptance would not be sustainable, nor be able to continue with the commencement of collection of Garden waste (deposited at BTS) from 1st March 2023. With having to keep POPs waste isolated this would cause volume capacity (not tonnage) issues.

To accommodate POPs and Garden waste BMBC has now moved the depositing of non-contract waste (non-pop's fly-tipping, bulky items, etc) from BTS (where it was previously sent to landfill) to TK Lynskey in Wath, where further processing is being undertaken on the waste. This helped relieve the pressure at BTS and reduced BMBC waste being sent to landfill with increased recycling/diversion for the authority.

POP's waste continues to be delivered into BTS; this material is typically bulky waste. To help keep this waste segregated, and manage the volumes being delivered, new dividing walls have been purchased to create a new isolated section in bay 1. Duty of Care was completed at the FCC site that now accepts the POP's waste.

Renewi have now submitted a claim under the Change in Law clauses in the contract. This claim encompasses the increased costs associated with managing and disposing of POP's waste. The national position on POP's has been reviewed by the technical consultant, Stantec and further due diligence

on the financial CiL claim will be undertaken by the BDR teams financial and legal consultants.

2.10.5 Environment Agency audit took place at BTS Spring 2023. The EA reviewed how the site was handling the Persistent Organic Pollutants (POP's) waste. The EA confirmed via a CAR that onsite processing of POPs was compliant. POP's waste has now been included in the environmental management plan. Also, there was an historical problem with two waste returns which had an incorrect European Waste C (EWC) code allocated to some waste, this was resolved, and corrected returns sent.

2.10.6 **Barnsley Transfer Expansion**

The BDR Team have asked Renewi to undertake a feasibility study on the options available for possible extension of BTS given the increased requirement for separation of waste streams. Renewi will provide an options appraisal on size and type of new building that could be erected, price, and a proposal as to how the project could be delivered/managed. Consideration of any supporting infrastructure such as machinery to shred or separate waste will form part of the feasibility work.

2.11 **Health and Safety**

2.11.1 All close call reports are reviewed by the Renewi Safety, Health, Environmental and Quality (SHEQ) department which uses this information to understand any common issues at operational sites, update site rules, standard operating procedures and identify areas where further training may be required. Renewi pro-actively encourage their staff to report "near misses" when they see them to help improve safety and instil a "safety" mentality within their staff.

2.11.2 Comprehensive action is taken by Renewi operational staff where incidents occur. Incidents and actions are reviewed by Operational Managers from each authority and internal Health and Safety Officers at the quarterly health and safety meetings.

Figure 2.- Health and Safety Statistics 2022-23

| | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Jan-23 | Feb-23 | Mar-23 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Environmental Complaint | 1 | 0 | 0 | 4 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Material Damage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| Fire (major) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fire (minor) | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 1 | 3 | 0 | 1 | 0 |
| Environmental Incident (major) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental Incident (minor) | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| Fatality | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historical 2022 NR Dangerous Occurrence | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RIDDOR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accident more than 3 days | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accident 3 days and under | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accident First Aid | 2 | 4 | 0 | 0 | 3 | 1 | 0 | 0 | 1 | 5 | 0 | 0 |
| Safety Concerns | 88 | 100 | 99 | 62 | 100 | 95 | 147 | 93 | 68 | 119 | 85 | 64 |

3. Legal

3.1 Insurance

3.1.1 The Contractor has obtained full cover of insurance for 2023, the lead insurer is still Aviva. The insurance market for waste still sees difficulties in placement and according to the Contractor's insurance advisor there has been an increase in premiums across the Sector.

3.1.2 In the current market Renewi are not able to secure some of the levels of insurance deductibles required by the contract and they have written to the BDR Team to obtain waivers from the contractual requirements (as they have done in previous years). The BDR team and its advisors are currently reviewing their request and will respond accordingly.

3.2 Joint Insurance Cost Report

3.2.1 Following receipt of the 4th JICR in February 2023, the BDR Team has again formally rejected the amended JICR and issued a letter outlining where we still disagree with some of the calculation used in formulating the JICR. We await Renewi's response to our rejection, but it is not anticipated, (through dialog with Renewi) that they will pursue their position at this time.

It should be noted that the BDR position on JICR is not unique and many PFI's JICR are not yet agreed. Further guidance from the Infrastructure Projects Authority (IPA) on the application of the contract in relation to JICR is expected although there is yet no indication of when this will be available. The BDR Manager has raised that IPA should ensure that MBTs should not be adversely impacted by the guidance.

4 Financial

4.1 22/23 Operational Management Budget

Table 4 – Operational Management Budget Outturn 2022-23

| 22/23 Budget approved by JWB | | | |
|-------------------------------------|-----------------|-----------------|-----------------|
| | 2022-23 Budget | Forecast | Variance |
| Management | £132,000 | £135,076 | £3,076 |
| Administration | £25,000 | £20,845 | -£4,155 |
| Call off Legal | £65,000 | | |
| External Finance | £35,000 | | |
| External Legal | £0 | | |
| External Technical | £20,000 | £81,337 | -£48,663 |
| Insurance Advisors | £10,000 | | |
| Call off Finance | £0 | | |
| Call off Technical | £0 | | |
| HWRC Project | £0 | £0 | £0 |
| Total | £287,000 | £237,258 | -£49,742 |

The 2022-23 Operational Management Budget expenditure was £49,742 underspent. Most of the savings have come from prudent use of external consultants. Anticipation for calling on this knowledge and expertise to implement operational changes and potential variations to the contract have not arisen due to the Government's delay in detailing the requirements of the much-anticipated Resource and Waste Strategy.

4.2 Operational Management Budget forecast

Table 5 – Operational Management Budget Proposal 2023-24

| 23/24 Budget proposal | |
|------------------------------|-----------------|
| | 2022-23 Budget |
| Management | £175,000 |
| Administration | £25,000 |
| Call off Legal | £0 |
| External Finance | £40,000 |
| External Legal | £65,000 |
| External Technical | £30,000 |
| Insurance Advisors | £10,000 |
| Call off Finance | £0 |
| Call off Technical | £0 |
| HWRC Project | £0 |
| Total | £340,000 |

For 23/24 the BDR Manager proposes that the Operational budget be increased from £287,000 to £340,000 and the Joint Waste Board is asked to approve this additional spend. Part of the increase has already been pre-approved last year by Joint Waste Board (the recruitment of additional staff). The remaining increase is due to the potential need to commence negotiations on the impacts of the Resource and Waste Strategy for England, cover costs for ongoing work to implement operational changes, potential variations to contracts and resolution of any potential disputes (inc landfill diversion & Joint Insurance cost report)

support of BDR councils over all aspects of the HWRC contract and supporting individual/joint Councils work towards any individual impacts emerging from the Resource and Waste Strategy. For 23/24 individual lines will be re-profiled on a monthly basis to reflect actual spend required.

- 4.3 The BDR team will look to be prudent with any expenditure and will seek to make savings on the budgetary aspect where possible.
- 4.4 The forecasted Unitary Charge for the 2022/23 financial year totalled. £25,582,890.47 We are still awaiting the final 22/23 UC reconciliation (due to be undertaken June 2023), but a major variation to the estimated unitary charge is not anticipated.
- 4.5 The BDR Partnership received Waste Infrastructure Credits from DEFRA to the value of £5,962,016.00.

5.0 Communications

- 5.1 In response to the current cost of living crisis, it was agreed by the BDR and Renewi Management teams that the money for Renewi's Corporate Social Responsibility Fund (CSRF) for 2022-23 be used to make donations to three local foodbanks in the Dearne Valley - one in each of the three Council areas. The members on the CLG were consulted on this, and it received a majority positive response. As such £2,000 donations were made to:
- Salvation Army foodbank, Goldthorpe
 - Mexborough Foodbank
 - Wath Foodbank
- 5.2 Social media posts about keeping construction waste, gas cannisters, batteries, electricals, disposable BBQs, and oil and paint out of the general waste bin have been included in the social media plan for 2022/23. These posts have received 15,109 impressions across Facebook, Twitter, and Instagram.
- 5.3 Posts about the Yorkshire Bike Shack, South Yorkshire Nappy Library, Laptops for All, Re-Read, Refurnish and Aspire have been shared on the Waste Less South Yorkshire social media feeds this year. These posts have received 20,273 impressions across Facebook, Twitter, and Instagram.
- 5.4 Electronic reuse and disposal social media posts have received 26,752 impressions across Facebook, Twitter, and Instagram throughout 2022/23.
- 5.5 The animation of the BDR Waste Treatment facility was completed and uploaded to the Waste Less South Yorkshire YouTube channel. This was made available to the Councils for embedding on their websites via link in September 2022.

- 5.6 The Hubbub project is ongoing from 2021/22 and remains incomplete. In 2022/23 all pilots were completed and follow up surveys distributed and closed. The results of these were analysed and the Barnsley intervention was shown to be the most well received and effective and as such has been selected for complete roll out.

Information for inclusion in the final leaflet and animation was sought from all Councils and, where provided, this was shared with Hubbub. It is expected that design of the final leaflets and animations and production of the communications plan will be completed in 2023/24.

- 5.7 Between April 2022 and January 2023 the Waste Less South Yorkshire website was audited monthly with all appropriate changes being completed. Due to staffing reduction this was reduced to a quarterly audit from January 2023, all changes continue to be made.
- 5.8 Food Waste Action Week 2023 took place between 6th and 12th March 2023. Locally this included a press release, blog, and social media posts. This campaign received 3,787 impressions across Facebook, Instagram, and Twitter.
- 5.9 Recycle Week was planned for 19th- 25th September 2022, due to the passing of Her Majesty Queen Elizabeth II, the campaign was postponed until 17th -23rd October 2022. The theme for 2022 was 'Let's get real about recycling' and focused on reducing recycling contamination.
- Localised versions of the campaign were prepared and shared across the Waste Less South Yorkshire platforms and traditional media. The campaign posts received 16,045 impressions across Facebook, Twitter, and Instagram.
- 5.10 The Love Your Clothes messaging was included in the ongoing social media plan throughout 2022/23. This included repair guides such as fixing a zip and repairing a bra underwire, and stain removal guides such as sun cream and coffee. These posts received 50,088 impressions across Facebook, Twitter, and Instagram
- 5.11 Recycle Now 'How is it recycled?' videos about recycling various materials such as garden waste, metal and glass were posted throughout 2022/23. These received 9,988 impressions across Facebook, Twitter, and Instagram.
- 5.12 The Christmas campaign took place throughout December 2022 and included two press releases regarding recycling and food waste as well as social media content. The campaign received 39,243 impressions across Facebook, Twitter, and Instagram.
- 5.13 The Spring and Autumn compositional analysis were carried out and information distributed to the councils.

5.14 The BDR Online website has been audited at least once every two months throughout 2022/23 and changes such as the addition of press releases, removal of out-of-date content and updates made to Rotherham Council.

5.15 **Community Liaison Group**

Meetings of the CLG were attended by the CELO team in May, August, and November 2022. The time between meetings has now been set at six months., detailed written updates have been provided to the BDR Board.

6.0 **Resources**

6.1 The BDR Team continues to receive external legal and financial advice from specialists who have been advising the BDR Team on PFI matters and partnership working since the conception of the PFI Waste Treatment Facility project. As well as new recent technical advice as we enter a new period of legislation changes and environmental pressures.

7.0 **Joint working and BDR support**

7.1 Listed below are the projects and areas the BDR team have helped to support the individual councils with and joint work they have co-ordinated:

BMBC

- Additional support of new garden waste contract due to legal negotiations with current supplier.
- Additional support of paper and card contract due to legal negotiations with current supplier.
- Facilitating completion of delays work at BTS
- Working with BMBC on tipping protocols for Fires on Vehicles
- Facilitating numerous non-contract and contract additional /new waste stream disposals.
- Facilitating sampling of non-contract waste streams

CDC

- Assistance with the development of the City of Doncaster Environmental Strategy
- Legal support on SUEZ contract interpretation - Red Diesel

RMBC

- Support with recruitment process for office staff.
- The BDR Manager is a climate change champion for RMBC
- Assistance on service and team plans for waste teams
- Assistance with improvements to the commercial waste recycling service - scoping and service engineering
- Assistance with HWRC re-tendering

B.D.R

- Working with WIDP / DEFRA re potential MBT/AD disposal solution obtaining transitional period from mandatory Food Waste collection
- Submission of application for transitional period from mandatory food waste collection
- Co-ordination, collation and submission to numerous Government/Defra consultation for and around the waste sector.
- Solutions and progression of HWRC contract variation requirements
- Leading on procurement of new HWRC provision and solution post 2023 – New contract
- Lobbying Government on the delays on the R&WS outcomes
- South Yorkshire Municipal Waste Strategy
 - Changes required due to Resource and Waste Strategy
 - Pre-work on Strategic Review of SYMWS as requested at JWB

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8. Glossary of Terms

| Term | Definition |
|---|--|
| A2A (formerly Ecodeco) | Italian company who research, design, construct, and manage plant and equipment for the disposal of waste. |
| Anaerobic Digestion (AD) | A series of biological processes in which micro-organisms break down biodegradable material in the absence of oxygen. One of the end products is biogas, which is combusted to generate electricity and heat. |
| Compliance Assessment Report (CAR) form | A CAR form is used by Environment Agency officers when assessing compliance with Environmental Permits. |
| Compositional Analysis | Waste Composition Analysis is a study that provides essential information about the weight and type of each component waste material that is in any given waste stream. It firstly involves obtaining representative samples of these waste streams, then manually hand sorting into various pre-defined sort categories using the correct methodology, which are then weighed in each individual fractions in align with Waste Data Flow (WDF) municipal reporting each waste stream has its own European Waste Code (EWC). |
| Compost Like Output (CLO) | The processing of a waste stream by mechanical sorting and separation of waste into distinct fractions of biodegradable and non-biodegradable materials. |
| Covid | COVID-19 is a disease caused by a new strain of coronavirus. 'CO' stands for corona, 'VI' for virus, and 'D' for disease. Formerly, this disease was referred to as '2019 novel coronavirus' or '2019-nCoV'. |
| Department for Environment, Food and Rural Affairs (DEFRA) | The UK government department responsible for policy and regulations on environmental, food and rural issues. |
| Environment Agency (EA) | An executive non-departmental public Body responsible to the Secretary of State for Environment, Food and Rural Affairs for issues affecting the environment. |
| FCC Environment | One of the UK's leading waste and resource management companies. |
| Facebook | Facebook, Inc. is an American online social media and social networking service company. |
| Ferrybridge Multifuel 1/Multifuel 2 (FM1/FM2) | Multifuel Energy Ltd. (MEL) operates a new £300 million multifuel plant on land owned by SSE at Ferrybridge 'C' Power Station near Knottingley in West Yorkshire. This project is called Ferrybridge Multifuel 1/2 (FM1/FM2) |
| Household Waste Recycling Centre (HWRC) | A civic amenity site (CA site) or household waste recycling centre (HWRC) is a facility where the public can dispose of household waste and also often containing recycling points. |
| Instagram | Post (a photograph or video of something) on the social media application. |
| Joint Insurance Cost Report (JICR) | Set out the mechanism for the insurance review procedure and sharing of insurance. |
| Joint Waste Board (JWB) | The Statutory Committee comprising Portfolio Holders and Senior Officers with responsibility for waste. |
| Jones Celtic BioEnergy (JCBE) | Is a leading innovator who will take a project from concept through to operation. Who provide a complete solution for the generation of renewable energy from biodegradable sources, such as municipal waste, food waste, agricultural waste and biomass. We offer unparalleled delivery of a range of BioEnergy technologies which are modelled and tailored to the specific requirements of our clients. |
| Mechanical Biological Treatment (MBT) | A type of waste processing facility that combines a sorting facility with a form of biological treatment such as composting or anaerobic digestion. MBT plants are designed to process mixed household waste as well as commercial and industrial wastes. |
| Persistent Organic Pollutant (POP's) | Are chemical substances that do not break down in the environment. They are a danger to human health and the environment |
| Private Finance Initiative (PFI) | Mechanism for creating "public-private partnerships" (PPPs) by funding public infrastructure projects with private capital. |
| Provecta | Is an insecticide for professional use against nuisance flies and biting flies in animal housing and landfill sites including waste management sites. |

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| Refuse Collection Vehicle (RCV) | The collection of rubbish and waste, usually in a rubbish or refuse truck, before final disposal. |
| Renewi BDR Ltd | Following SSE's exit from Ferrybridge, Renewi now control 100% of the SPV. The new name of this business entity is Renewi BDR Limited |
| Resource and Waste Strategy (R&WS) | A strategy which sets out how we will preserve our stock of material resources by minimising waste, promoting resource efficiency, and moving towards a circular economy. |
| Solid Recovered Fuel (SRF) | A fuel produced by shredding and dehydrating solid waste (MSW) with a waste converter technology. |
| Waste Data Flow | WasteDataFlow is the web-based system for municipal waste data reporting by UK local authorities to government. |
| Waste Infrastructure Credits | Awarded by DEFRA to incentivise local authorities to develop infrastructure to treat waste as an alternate to landfill. |
| Waste Transfer Station (BTS) | Facilities where municipal solid waste is unloaded from collection vehicles and briefly held while it is reloaded onto larger long-distance transport vehicles for shipment to landfills or other treatment or disposal facilities. |
| Waste and Resources Action Programme (WRAP) | WRAP works with governments, businesses and communities to deliver practical solutions to improve resource efficiency. |