

**BDR WASTE PFI
BDR MANAGER UPDATE REPORT
5 December 2022**

1. Governance

- 1.1. Contract Data - Performance reports are produced by the contractor on the 15th of each month, including information up to the end of the previous month. As the JWB meeting is held on the 5th December 2022 the contractors supplied data only includes up to 31st October 2022 (November contractual information will not be received until the 14th December 2022). Through monitoring of the contract and communication with the contractor, the BDR team have included additional information on performance up to date, and the team have no concerns with performance and service delivery.
- 1.2. The BDR Team continues to comprise of: -
- 0.6 FTE Waste Manager – Beth Baxter.
 - 0.4 FTE Waste Manager – Paul Hutchinson
 - 0.6 FTE Senior contract Officer – Paul Hutchinson
 - 0.4 FTE Senior Contract Officer – Vacant
 - 1FTE – Admin / Technical Officer (Career grade) – Rhonda Fletcher

In addition, the creation of a further two new 2-year posts has been agreed by JWB in July 2022

- Senior Technical Officer - to assist with anticipated large legislation changes and contract re-negotiation
 - Admin Apprentice post to support the team as it delivers the anticipated workloads
- 1.3. In anticipation of the release of the Governments direction, guidance and secondary legislation from the Resource and Waste Strategy (due Winter/Spring 2022/23), the BDR Waste Team will now commence recruitment to these posts with immediate effect, in anticipation of new increased workloads and Service Change requirements that will come from any legislation changes.
- 1.4. The BDR Team continues to receive external Legal Advice from Neil Tindell and Financial Advice from Craig Pember, both of whom have been advising the BDR Team on PFI matters and partnership working since the conception of the PFI Waste treatment facility project.

2. Contract Delivery

2.1. Waste Treatment – Bolton Road Facility

2.1.1. BDR Waste Received

Table 1 – Year to date contract tonnes processed

Inputs		2021/22	April	May	June	July	Aug	Sep	Oct	YTD 2022/23
	Contract Waste (Limbs)									
Barnsley	A (Household)	56765.72	4537.48	4435.30	4643.62	4218.56	4455.82	4539.00	4041.80	30871.58
	B (Commercial)	5829.66	460.22	512.36	514.24	497.04	450.58	500.56	460.18	3395.18
	C (HWRC)	5041.26	442.08	423.12	387.78	380.00	443.04	373.80	395.92	2845.74
	D (Public Highways etc)	1075.52	75.92	83.76	74.00	73.32	80.84	76.30	73.00	537.14
	E (Grounds Maintenance)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Doncaster	A (Household)	74088.55	5982.26	5842.48	5639.54	5521.70	5665.38	5795.10	5371.12	39817.58
	B (Commercial)	5303.72	472.14	525.44	529.54	531.58	468.30	500.98	497.66	3525.64
	C (HWRC)	7340.50	660.00	602.72	593.18	577.44	589.42	555.50	541.22	4119.48
	D (Public Highways etc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E (Grounds Maintenance)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rotherham	A (Household)	53559.70	4218.29	4453.10	4346.74	4042.88	4376.32	4199.54	4006.00	29642.87
	B (Commercial)	3213.33	248.94	271.96	256.92	244.02	235.42	256.86	241.74	1755.86
	C (HWRC)	5732.70	523.36	510.32	463.38	456.00	520.02	457.76	459.22	3390.06
	D (Public Highways etc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E (Grounds Maintenance)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>Limbs A&B Sub-Total</i>	198760.68	15919.35	16040.64	15930.60	15055.78	15651.82	15792.04	14618.50	109008.73

2.1.2. Third-party waste received

Table 2 - Year to date Third Party waste tonnes processed

Inputs - 3rd Party	2021/22	April	May	June	July	Aug	Sep	Oct	YTD 2022/23
Renewi Derby	7319.70	1049.94	1077.26	1055.34	1878.34	1432.60	1295.54	1662.58	9451.60

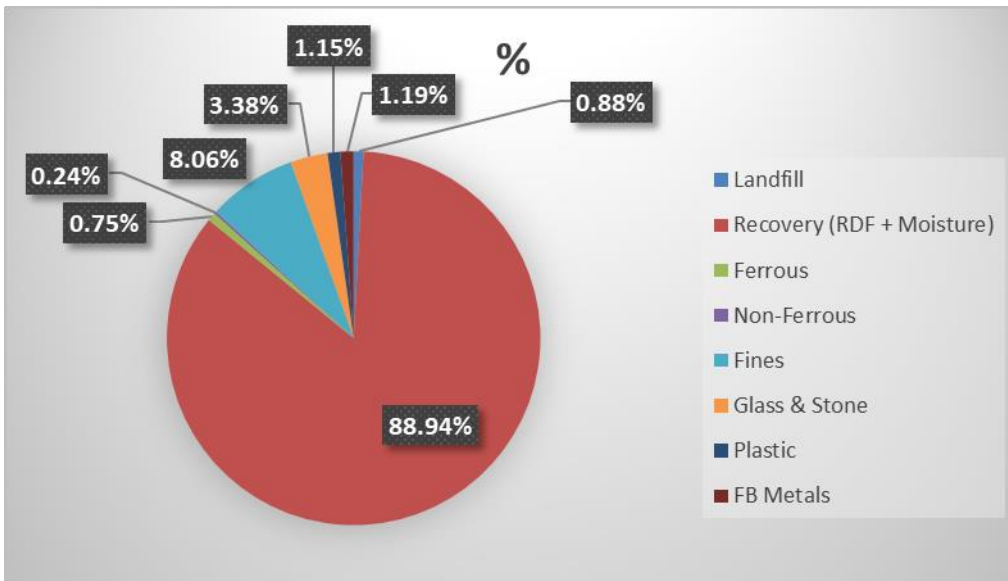
2.1.3. The amount of Third-party waste being accepted is monitored and managed by the Contractor against Council delivered tonnage to ensure sufficient capacity to process and prioritise BDR waste. This will also allow for smoother acceptance of the priority waste from the Councils and increased reception pit cleaning as part of Renewi's fly management measures. Increased third-party waste is now being accepted by Renewi due to their continued good management of waste acceptance, pit management and reduced levels of Household Waste collected by the Councils.

2.1.4. Process Outputs

Table 3 - Year to date Bolton Road Process Outputs

Contract Outputs	2021/22	April	May	June	July	Aug	Sep	Oct	YTD 2022/23
Landfill	2109.52	138.28	213.03	184.10	121.76	139.85	148.58	110.26	1055.86
Recovery (RDF + Moisture)	188769.97	16115.58	16350.50	14917.42	13189.72	15940.25	15058.65	15068.86	106640.98
Ferrous	1397.50	129.23	135.03	89.15	100.34	132.69	127.05	105.13	818.62
Non-Ferrous	333.18	24.43	62.66	37.66	23.34	40.77	40.21	28.16	257.23
Fines	12829.59	1216.58	1184.98	1102.57	967.94	1112.72	1019.65	791.82	7396.26
Glass & Stone	6741.93	565.30	625.06	576.32	606.30	501.32	354.95	452.51	3681.76
Plastic	3717.06	229.83	99.52	60.13	162.48	231.32	196.49	271.65	1251.42
Direct Delivered	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recycling Sub-Total	25019.27	2165.38	2107.25	1865.82	1860.41	2018.83	1738.35	1649.28	13405.32
Ferrybridge Metals	2321.35	194.82	195.18	184.52	155.04	195.76	186.40	186.50	1298.22
AWM-Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fines CLO Uplift	2402.41	227.81	221.89	206.46	181.25	208.36	190.94	148.27	1384.98
Recycling Total	29743.03	2588.01	2524.32	2256.81	2196.70	2422.95	2115.68	1984.05	16088.52
Outbound Total	215898.75	18419.23	18670.79	16967.35	15171.90	18098.93	16945.58	16828.40	121102.18

Figure 1 – Contract Outputs



2.1.5. Process Performance

Table 4 - Year to date Bolton Road Process Performance

Performance	2021/22	April	May	June	July	Aug	Sep	Oct	YTD 2022/23
Recycling (%)	14.96%	16.26%	15.74%	14.17%	14.59%	15.48%	13.40%	13.57%	14.74%
Diversion (%)	98.09%	103.75%	104.51%	96.18%	90.98%	103.90%	97.34%	103.92%	100.08%
Moisture Loss (%)	29.82%	30.76%	31.53%	29.64%	32.16%	30.05%	29.89%	30.06%	30.58%

2.1.6. Landfill diversion is calculated by total waste diverted from landfill divided by the total waste delivered. Some months, diversion is above 100%. This is due to the processing of waste taking 14 days (over a month-end). Therefore, in some months more processed material may leave the site than is received. The landfill diversion target is an annual target.

2.2 Complaints

Table 5 - Complaints received by month

2022/23	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Total
Flies	0 (0)	0 (0)	0 (0)	3 (3)	4 (1)	0 (0)	0 (0)				7 (4)
Noise	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				1 (1)
Odour	0 (0)	0 (0)	0 (0)	0 (0)	7 (3)	2 (2)	0 (0)				9 (5)

(#*) Classified immediately as unsubstantiated by the EA (Distance from site, wind direction, closeness to other sources, description of complaint levied (burning waste!) or Hygiene / lack of own fly management at complainant's address).

2.2.1. The small number of Fly complaints did correspond with the summer heat wave, but where complaints were deemed as investigable, on all occasions the site's fly levels (monitored weekly) remain low, all controls have been in place and all treatments were running to protocol.

2.2.2. The spike of odour complaints occurred after a Community Liaison Group meeting where a perceived issue over odour was raised. There were also posts on Facebook (posted on Mexborough then & now) about Odour. After the meeting an EA officer visited the area, unannounced and confirmed that nothing significant was detected corroborating Renewi's reporting that they have not detected any odour issues and that site has been operating as normal.

2.3 Acid Scrubber

2.3.1 The new acid dosing pump head was fitted, on testing it was found additional leaks had appeared on the pipework. Previously the pipe work has been removed several times, but there are still small leaks appearing, which has seriously restricted any testing of the system. Renewi's Contractor (JCBE) have ordered nozzles with a wider spray angle (due to be delivered early November) and it is hoped these will improve the distribution of the liquid inside the scrubber, giving better removal of ammonia in the air stream.

2.3.2 Damaged Pasteurisation Tunnel Walls

Work of the AD tunnel repairs will commence in November. Laboratory results for testing of the concrete tunnel walls are expected shortly to identify the cause of the failure. The programme of works is forecasted to take 14 weeks.

2.3.3 BAT's - permit emission amendments

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 have 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.

The BDR team will undertake due diligence of any claim taking legal, financial, and technical advice from external experts. To ascertain if payment is required or the claim is to be rejected.

2.4 Barnsley Transfer Station – Grange Lane

2.4.1 Dilapidation Works - All delays work has now been complete. BMBC commissioned a survey of a schedule of conditions to record a standard for Renewi to keep the site in a good and tenable condition to the end of the contract, which is currently being reviewed by BMBC. Once the review is completed a variation to the BTS contract will be drawn up to agree the maintenance of the facility and more specifically, how the paintwork on the steel should be managed.

2.5 Health and Safety

2.5.1 Close calls are actively sought to be raised. By reporting issues where improvement can be made or where expected level of behaviour/working have not been maintained it will increase learning and improve safety across the whole site. Up to October 2022 Renewi generated a ratio of 2.2 close calls raised per employee per month with a close out rate for the recorded actions of 94%.

2.5.2 No major accidents, or accidents warranting investigation for breaches of Health and Safety, or Environmental issues have occurred this year.

Table 6 – Year to date Health and Safety

2020/21	Close Call	Accident less than 3 days	Accident more than 3 days	Non RIDDOR dangerous occurrence	RIDDOR dangerous occurrence	RIDDOR more than 7-day injury	Major RIDDOR	Environmental
April	97	2	0	0	0	0	0	0
May	93	4	2	0	0	0	0	0
June	100	1	0	0	0	0	0	0
July	62	0	0	0	0	0	0	0
August	86	3	0	0	0	0	0	4
September	90	1	0	0	0	0	0	3
October	143	0	0	0	0	0	0	0
November								
December								
January								
YTD Total	528	10	2	0	0	0	0	7

3 Legal

3.1.1 There is additional support as required from a legal locum, and internal and external technical and financial advisors for more complex matters of contract management.

The BDR Team and their external Legal and Financial advisers continue to work on minor variations to the contract to improve the overall service delivery, processes, performance, and contractual interaction between BDR and the contractor.

3.1.2 Joint Insurance Cost Report

The content of the JICR remains rejected by the BDR team

BDR team received a response from the Contractor and Marsh after our original rejection of the 3rd Joint Insurance Cost Report (JICR). An amended JICR has been received, taking into consideration some of the points raised in the rejection letter.

The BDR Team have 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.

All parties are still working under the previous formal letter issued by the BDR team and accepted by the SPV agreeing to suspend the contractual time frame for either agreeing the JICR or entering Dispute Resolution. This has been agreed as both parties are working in good faith to resolve the impasse over JICR.

It should be noted that the BDR position on JICR is not unique and many 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 The 22/23 budget was approved at the Joint Waste Board (18th July 2022), and currently remains at the same level as 21/22 - £287,000.

Table 7 - Operational Management Budget 2022/23

21/22 Budget approved by JWB			
	2022-23 Budget	Forecast	Variance
Management	£132,000	£123,480	-£8,520
Administration	£25,000	£20,555	-£4,445
Call off Legal	£65,000	£110,035	-£19,965
External Finance	£35,000		
External Legal	£0		
External Technical	£20,000		
Insurance Advisors	£10,000		
Call off Finance	£0		
Call off Technical	£0		
HWRC Project	£0	£0	£0
Total	£287,000	£254,069	-£32,931

- 4.1.1 Expenditure has been profiled and re-calculated to ensure the team meets all the anticipated workloads due in the 22/23 financial year.
- 4.1.2 Technical, Legal and Financial advice expenditure has not been reduced as it is anticipated that within this financial year (Autumn/winter) the government will announce the outcomes of the consultations on the Resource and Waste strategy for England. The BDR Team anticipate the potential need to commence negotiations on the impacts of the R&WS on the PFI contract, cover costs for ongoing work to implement operational changes and potential variations to the PFI contract. The team will also use these resources to support BDR councils over all aspects of partnership working, including the HWRC re-tendering for a new contract in 2023 and supporting Councils as their waste management teams work towards any individual or joint impacts emerging from the Resource and Waste Strategy.

4.2 The BDR team will look to be prudent with any expenditure and will seek to make savings on the budget where possible.

5 Communications

5.1 Press Releases

5.1.1 In October, three press releases were issued. 1) Home composting phase 2 campaign. 2) Recycle week. 3) Promoting clothes swap shops.

5.2 Community Education Liaison Officer (CELO)

5.2.1 Social media:

- Composting at home received 164,739 impressions across Social Media.
- ESA's take-charge campaign was shared to encourage the correct disposal of used batteries and highlighted the dangers of putting them in the wrong bins, this received 936 impressions.
- Food waste reduction received 42,716 impressions across Social Media.
- A Post about filling freezer voids received 5,529 impressions.
- A post about glass recycling, this received 656 impressions.
- A 'How it is recycled' video for metal and cans received 553 impressions
- Keeping nappies out of recycling bins was posted, this received 1,400 impressions.
- A post explaining carbon jargon terms received 649 impressions.
- Love Your Clothes campaign – 25,928 impressions across social Media so far this year.

5.2.2 Hubbub Campaign

- **Barnsley**- Sufficient survey numbers were received for the final survey and analysis of the pilot is now completed. Initial findings were shared with CELOs and presented to steering committee.
- **Doncaster**- Analysis of the survey has started following enough responses to the final survey. Initial findings were shared with CELOs and presented to steering committee.
- **Rotherham** - Social media advertising of the quiz started in October to get more responses to the quiz.

5.2.3 Home Composting Campaign - Phase 2, the campaign began on 24th October and so far, has received 40,348 impressions on social media. The competition has received 421 entries to date.

5.2.4 Food waste campaign - analysis of the initial surveys was completed and waste composition analysis for phase 1b agreed. The content of the round 2 survey has been drafted and will be confirmed in November.

5.2.5 Recycle Week took place from the 17th to 23rd October 2022. Campaign posts received 16,045 impressions on Waste Less South Yorkshire social media.

5.2.6 The autumn waste composition analysis runs from 17th October – 11th November and will then be followed by the food waste analysis and bulky waste sampling.

6 Resources

6.1 The BDR team have been assisting Barnsley, Doncaster and Rotherham councils with projects as identified in section 7.0. There is additional support as required from a legal locum, internal and external technical and financial advisors for more complex matters. It should be noted that the increase in consultation activity from central Government departments is putting pressure on resources. Once the outcome of the consultations is known it is likely that more resources will be required to implement changes to contracts and services. It is difficult to predict the level of resources necessary now.

7 Joint working and BDR support

7.1 Listed below are the current projects and areas where the BDR team are helping to support the individual councils or co-ordinate joint work:

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-contractual and contractual additional /new waste stream disposals.
- Facilitating sampling of non-contract waste streams

DMBC

- Assistance with the development of the Doncaster Environmental Strategy

RMBC

- The BDR Manager is a Climate Change Champion for RMBC
- Assistance on Service and Team Plans for waste teams
- Assistance with Commercial Waste recycling - scoping and service engineering
- Assistance with HWRC re-tendering

B.D.R

- 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 of the delays on the R&WS outcomes
- Changes required due to Resource and Waste Strategy
- Pre-work on Strategic Review of SYMWS as requested at JWB

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.
Compliance Classification Scheme (CCS)	Compliance Classification Scheme (CCS) score and what action EA are considering. A CCS score is recorded where non-compliance with a permit condition(s) has been identified
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).
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.
Joint Waste Board (JWB)	The Statutory Committee comprising Portfolio Holders and Senior Officers with responsibility for waste.
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.
Private Finance Initiative (PFI)	Mechanism for creating "public-private partnerships" (PPPs) by funding public infrastructure projects with private capital.
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.
Suez	SUEZ recycling and recovery UK serves over 12 million people and handles more than 9 million tonnes of domestic, commercial and industrial waste through a network of recycling , composting , energy-from-waste and landfill facilities
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.

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