

BDR WASTE PFI
BDR MANAGER UPDATE REPORT

APRIL 2017 – AUGUST 2017

1.0 Governance

1.1 Shanks Group, including Shanks Waste Management Limited as the operating sub-contractor, has announced it is rebranding as Renewi following the completion of its merger with Dutch firm Van Gansewinkel. As part of the merger, a new senior management team has been put in place to help the integration of the businesses.

On 6 October 2017, Shanks Group will roll out the Renewi branding across their contracts. In the case of BDR, the Contractor i.e. 3SE branding will remain on PPE etc.; however any operational posters etc. will have the Renewi branding on it.

1.2 The newly appointed Renewi Contract Director commenced his post in July 2017.

1.3 Renewi has appointed a new Director of Safety Health, Environment and Quality.

1.4 The Project Manager during the build phase has returned and now joins the team on a permanent basis to help action and close out site defects, improvements and support capital expenditure applications.

1.5 Karen Hanson, the Assistant Director of Regeneration and Environment in Rotherham Borough Council, is leaving Rotherham Council. The BDR Partnership would like to wish her well for the future and thank her for all her hard work and support.

2.0 Contract Performance

2.1 Recycling and Diversion

2.1.1 Table 1 contains the information about the number of tonnes processed and the contract performance for 2016/17 and from 1st April 2017 to the 1st of September 2017. The Contractor is on target to achieve 12.5% recycling performance by the end of the financial year; thus avoiding any termination triggers. A recycling deduction is applied at the end of the year for every tonne of waste not recycled below the 19% target.

Table 1 – Year to date tonnes Processed 1st April 2017 to 31 August 2017

	Type	Tonnes 2016/17	Percentage 2016/17	Tonnes 01 April 2017 to 01 Sep 2017	Percentage 01 April 2017 to 01 Sep 2017	Target (contract estimate)
Total Waste delivered	Total Waste to MBT	239,004.88	95.60% of 250,000 capacity	96,518.96	92.66% of 250,000 capacity	100%
	Third Party Waste	14,417.80	6.03%	2,778.74	2.88%	
	Contract waste only	224,587.08	93.97%	93,740.22	97.12%	
	Household Waste	201,946.77	84.49%	83,960.83	86.99%	
Landfill	Total	8,407.22	3.50%	5,920.54	6.32%	5%
Recovery	Total	213,310.78	63.62%	88,196.58	94.09%	n/a
Recycling	Ferrous	2,163.30	1.06%	1,062.28	1.27%	
	Non-ferrous	261.3	0.13%	135.43	0.16%	
	Fines	9,101.75	4.34%	5,841.31	6.96%	
	Glass and Stone	3,223.59	1.56%	1,519.66	1.81%	
	Plastic	6,395.26	3.19%	2,703.57	3.22%	
Recycling other	Metals in bottom ash	2,162.30	1.33%	896.50	1.07%	
	AWM recycling	2,623.56	0.91%	241.89	0.29%	
	Total	25,931.06	12.84%	12,400.64	14.77%	19.00%
Moisture Loss	Moisture Loss	62,375.88	30.76%	26,315.00	29%	

2.1.2 N.B. above figures are unaudited and subject to change. Recycling percentage is calculated from household waste streams only (not commercial waste). Landfill diversion is calculated by total waste diverted from landfill divided by the total waste delivered.

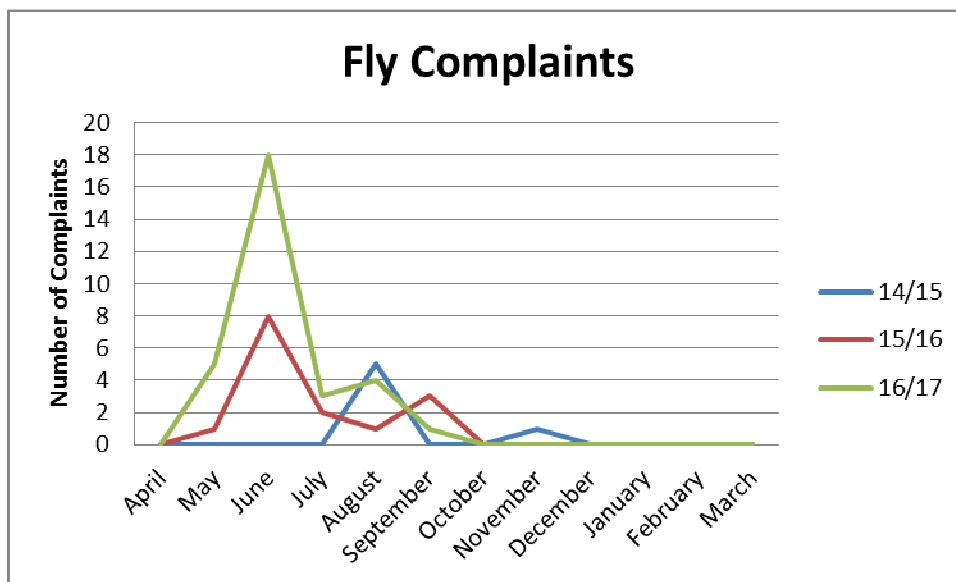
2.1.3 The landfill diversion target for the contract is 95% to date 6.32% has been landfilled; 1.32% above the target. This was due to more of Barnsley's HWRC waste being treated at Bolton Road while the dilapidations work takes place at Grange Lane Transfer Station. A manual sort process using a 360-grabber machine is used to separate the HWRC waste into MBT-able and landfill waste, the additional HWRC waste leads to a loss in the efficiency of the sort process. In April and May, an average of 9.49% was landfilled. The efficiency issue with the sorting process has now been rectified, with an average of 4.41% landfilled in June, July and August.

2.2 Complaints

2.2.1 Flies

2.2.1.1 A small number of fly complaints are still being received from residents and local business around Bolton Road. All complaints are investigated and reported back to the originator and the BDR Manager. The purchasing of the new fly treatment system is progressing with the selected contractor in receipt of the purchase order. Meetings have been held on-site to discuss final installation drawings and process workings. A draft revised Fly Management Plan has been submitted to the Environment Agency.

Chart 1



2.2.2 Chart 1 compares fly complaints over the past 3 years. This year has seen a spike in complaints in June 2017. There are a number of contributing factors, a mild winter with warm weather meant there were more flies in general. A fire suppression foam dump triggered by the system may have driven flies from the bio drying area during the fire watch procedure. Two Complaints came from drivers that were using the site and 10 came via complaints from the EA about flies in the Bolton-Upon-Dearner area, which may or may not have been directly attributed to the site.

2.2.3 Fly numbers are monitored weekly inside and outside of the facility. During the peak of the fly season, a fogging treatment was applied to the air 3 times a week with chemicals that kill flies on contact. A residual treatment was increased from 3 to 4 times a week where walls within the facility have a chemical treatment applied to kill flies that land on the wall. 40 - 50 bait boards were used which use a pheromone to attract the flies before killing them upon contact. A laticide called Neporex is applied to all waste that enters the facility to prevent the fly larvae developing. A water spray system is also used to create a mist at the reception doors to prevent flies leaving the site.

2.2.4 The staff at site continues to work closely with the nearest neighbours that may be

affected by flies from the site and liaise with the Environment Agency to ensure that all complaints are addressed and appropriate actions are taken to control the flies.

2.2.5 Improvements to the Neporex system have been made since April and further improvements are planned the next year.

2.3 Health and Safety

Table 2 - Compliance from April 2017 to August 2017

2017	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	33	0	0	2	0	0	0	0
May	44	1	0	2	0	0	0	1
June	63	0	0	3	0	0	0	1
July	29	2	0	2	0	0	0	0
August	34	0	0	4	0	0	0	0
YTD Total	203	3	0	13	0	0	0	2

2.3.1 Please note: close calls are not incidents; they are where staff have made an observation of something that has the potential to cause an accident. Reporting close calls allows action to be taken before an accident occurs and is a positive indicator of the efforts being made to improve health and safety.

2.2.2 Fire Protection Improvements

2.2.2.1 The Contractor has provided more information on the detailed design and the programme of works required for the improvements in fire protection, this has been reviewed by Amec Foster Wheeler (for BDR) and some questions have been raised that will need to be addressed during the approval process.

2.2.2.2 A number of work packages will be involved in the fire improvement works including potential changes to the planning and permit. A new fire prevention plan will also need to be submitted to the Environment Agency and this will address where the firewater will run off to etc.

3.0 Grange Lane

3.1 Dilapidation works at Barnsley's Grange Lane transfer station has highlighted some further works requirements. Meetings are being held regularly to discuss the way forward, the costings and plan of works. It has been agreed that the work is required and it does fall under the dilapidation works to bring the site to a full and tenantable repair standard required by the PFI project.

4.0 Communications

4.1 South Yorkshire Waste Strategy (SYWS)

4.1.1 The South Yorkshire Waste Strategy is being considered by local authorities across the region.

4.2 Lithuanian Delegation

4.2.1 The visit of high-level Lithuanian delegates looking at public private partnership projects in South Yorkshire took place over three days in April 2017. The visit was to PFI schemes including schools, leisure and waste in Barnsley, Doncaster, Rotherham and Sheffield. Delegates talked to the teams involved in the planning, procurement, construction and operational management of the schemes. Delegates were particularly interested in the governance of PFI partnerships.

4.3 Love Food Hate Waste Campaign

4.3.1 The Love Food Hate Waste Campaign closed on 5 July 2017. The campaign ran over an 8-week period. The purpose of the campaign was to raise public awareness and reduce the amount of food waste in bins across BDR. Please see Appendix 1 for further details on the campaign.

There have been several positive articles around the Love Food Hate Waste campaign.

4.4 Rotherham and Penistone Show

4.4.1 The Community Education Liaison Officer (CELO) and BDR Compliance Officer attended the Rotherham and Penistone shows on the 9th and 10th of September 2017. The Penistone Show was impacted on by the weather and there was limited engagement but there was more success at the Rotherham Show with over 100 residents requesting the blue recycling bags.

4.5 Recycle Week

4.5.1 National Recycling Week took place on the 25 September 2017 with an event held in each of the authorities. The communication teams for Barnsley, Doncaster and Rotherham issued tweets to promote the week.

5.0 Waste Compositional Analysis

5.1 Phase 1 of the 2017/18 Waste Compositional Analysis has run from the 18 September to the 14 of October, Phase 2 will be completed around March 2017.

6.0 Legal

6.1 Insurance

6.1.1 A without prejudice, good faith meeting has taken place with the Contractor regarding insurance issues.

6.2. Monthly Update for Legal

6.2.1 The BDR Legal Locum has a monthly conference call with the Legal Officers across the BDR local authorities to update them on all matters, he is dealing with.

7.0 Financial

7.1 Operational Management Budget

Table 3 BDR PFI Budget Summary 2017-2018

JWB detail	Data			
	Sum of Spend to date	Sum of Total Forecast 2017/18	Sum of Budget 2017-18	Sum of Variance 2017/18
Contract Manager and Project Administrator	60344	120781	118905	1876
External Advice	23971	54471	130000	-75529
Internal resources	29769	64334	68017	-3683
Meeting expenses	4875	23776	22667	1109
(blank)	5087	15260	16956	-1696
Grand Total	124047	278623	356545	-77922

7.1.1 The operational management budget includes various projects that are underway including the Household Waste Recycling Contract procurement, the due diligence necessary on Contractor changes and the fire improvement works.

The budget excludes exceptional costs for any disputes that may arise during the contract year. Where costs like this arise, the Contract team will mitigate as far as possible.

8.0 Resources

8.1 Training

8.1.1 The BDR Project Administrator has secured free apprenticeship funding for an NVQ Level 4 – Business Administration and has recently passed her English Level 2 Reading and Writing exams, she has 18 months to complete the course and is progressing well.

8.2 Staffing

8.2.1 The BDR Compliance Officer will be leaving the project on 12 October 2017, as he has accepted another position at Wakefield Council. The BDR Manager and Steering Committee would like to thank him for his support over the past four years and wish him well for the future.

9.0 Other

9.1 Variation Business Case

9.1.1 Defra has confirmed that collection changes such as Doncaster Council moving from bins to boxes are operational and will not require a Variation Business Case to be submitted. They have requested that they have the ability to monitor the impacts of any changes on the recycling rates.

10.0 Glossary of Terms

Term	Definition
3SE	The name for the partnership between Shanks Group plc and Scottish & Southern Energy plc.
Amec Foster Wheeler plc (Amec)	Is a British multinational consultancy, engineering and project management company
Community Education Liaison Officer (CELO)	Works on behalf of the Barnsley, Doncaster and Rotherham Waste Partnership to deliver educational visits at schools and tours of the BDR PFI Waste Facility around recycling.
Compost Like Output (CLO)	The material produced after anaerobic digestion of the organic fines removed in the MBT process. This material is used on land remediation and restoration projects.
Department for Environment, Food & Rural Affairs (DEFRA)	The UK government department responsible for safeguarding our natural environment, supporting our world-leading food and farming industry, and sustaining a thriving rural economy. Our broad remit means we play a major role in people's day-to-day life, from the food we eat, and the air we breathe, to the water we drink.
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.
Household Recycling Waste Centres (HWRC)	Local Authorities provide these sites to residents with an alternative to kerbside collections for the responsible disposal, recycling or re-use of their household waste,

Term	Definition
	particularly for items that are not collected or are costly to collect at the kerbside.
Incinerator Bottom Ash (IBA)	Is a form of ash produced in incineration facilities
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.
Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR)	RIDDOR which puts duties on employers, the self-employed and people in control of work premises (the Responsible Person) to report certain serious workplace accidents, occupational diseases and specified dangerous occurrences (near misses).
Solid Recovered Fuel (SRF)	A fuel produced by shredding and dehydrating solid waste (MSW) with a waste converter technology

Contact Name:- Lisbeth Baxter, BDR Manager, Tel. Ext 55989
e.mail: Lisbeth.Baxter@rotherham.gov.uk