ITEM 3

PAPER NO: WRWA 841

WESTERN RIVERSIDE WASTE AUTHORITY

MEETING	21st November 2017
REPORT AUTHOR/ DATE	Treasurer (Chris Buss-Tel 020 871 2788) 13th November 2017
SUBJECT	The budget forecast for 2017/18 and the prospects for Apportionment of Waste Disposal Costs (AWDC) rates and the Levy are provided through to 2018/19.
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STATUS	Open - circulation of this paper is not restricted.
BACKGROUND PAPERS	None.

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WESTERN RIVERSIDE WASTE AUTHORITY

BUDGET FORECAST 2017/18 -2018/19

EXECUTIVE SUMMARY

BACKGROUND

1. The budget forecast compares the original budget of the Authority for 2017/18 with the revised budget for the year and provides prospective Levy and "Apportionment of Waste Disposal Costs" (AWDC) rates (i.e. the amounts charged to constituent Councils for the tonnage of waste delivered) for 2018/19 as a range of values.

2. The majority of the Authority's costs are driven by the weight and composition of waste collected and delivered by constituent councils. These are recharged to the constituent councils at a specified rate per tonne which reflects the estimated cost to the Authority under the disposal contract with Cory. The basis of this recharge is set out in an agreement between the constituent councils and the Authority dated 12th February 2009 (see Paper No. WRWA 629). The Authority and constituent councils have agreed to the extension of the current agreement from April 2017 for a period of a further eight years.

3. The General Running Costs of the Authority comprises all costs which are not allocated to the individual waste streams and include the cost of Civic Amenity waste and Authority overheads, including business rate costs. These costs are apportioned as a residual Levy among constituent councils on the basis of their council tax-bases. This basis of charge is set out in The Joint Waste Disposal Authorities (Levies) Regulations (England) 2006.

KEY ASSUMPTIONS AT BUDGET SETTING TIME

4. The Treasurer in his statutory role under section 73 of the Local Government Finance Act 1985 has to make a number of assumptions when arriving at the final budget. Some of these are still in the assumption stage at the time the budget is set to meet the Statutory deadline for setting the Levy and rates of 15th February:

   (i) Inflation levels – A complex mix of indices make up each element of contractual disposal rates per waste stream. As per the contract, rates are based upon indices as at December each calendar year. These are not known in time to meet the statutory deadline.

(ii) Electricity sold at Belvedere EfW plant. Under the contract, electricity prices form part of the General Waste rate. The Authority receives income from the electricity generated if the market price exceeds the 'threshold' (uplifted under the terms of the contract, currently £60.96 per MWh in 2017/18). However, below this threshold the Authority incurs a charge (above a floor currently £41.80 per MWh in 2014718). Electricity rates are variable depending upon the market price achieved for the energy. The energy portfolio is managed by a new provider via a Power Purchase Agreement with RRRL which was established in April 2016. They strive to achieve the best value via a mixture of selling in advance at a closed price and achieving an 'open' value based upon the day ahead price within the market. The volatility of electricity prices has been discussed in previous Authority papers.

(iii) Tonnage levels – These are normally based on current trends (see Appendix B).

(iv) Contamination levels in the recyclate.

(v) Legal and consultancy costs in relation to discussions with Battersea Power Station and Cory with regard to Cringle development.

EXPERIENCE IN 2017/18

5. The Reserve balances 1st April 2017 were as follows:

General Fund Reserve	£4,000,000
Rates and Levy stabilisation Reserve*	£6,829,000
Recycling Reserve	£250,000
Pension Liability Reserve	£1,800,000
Total Usable Reserves	**£12,880,000**

*Paper No. WRWA 831 in June 2017 approved the combining of the previous Rates Stabilisation Reserve with the Levy Equalisation Reserve

The General Fund reserve covers the regular General Fund reserve requirement plus £1.5 million set aside against the maximum risk the Authority could be liable for in relation to planning costs for the redevelopment of Cringle Dock.

6. The original budget for AWDC (see para 1 for definition) rates income for 2017/18 and the Annual Levy for each borough is shown below:-

	AWDC Charges £'000	Annual Levy £'000	Total £'000
Hammersmith & Fulham	9,572	1,258	10,830
Kensington and Chelsea	9,597	1,586	11,183
Lambeth	14,637	1,714	16,351
Wandsworth	12,871	2,125	14,996
Total	**46,677**	**6,683**	**53,360**

7. The Financial Summary at Appendix C demonstrates the latest forecast for 2017/18 of a surplus of around £820,000 on AWDC rates. Although when the budget was set in February 2017 there was a planned subsidisation of rates, this was before the refinancing deal was finalised. The surplus recognises both the refinancing deal being slightly better than expected and the improvement in electricity prices. Electricity prices were predicted to be around the floor level when setting the budget (£41.80) but the average expectation is now slightly higher than that at £46.30 or £300,000. If electricity prices continue above the floor, the Authority will be able to benefit from potential Triad payments in 2017/18. However, this has not been included in any assumptions in this paper. Further information regarding electricity prices is outlined in paragraph 10 below.

8. Commodity income. The constituent councils can receive commodity income on recyclables. During 2016/17, the total income generated was £186,000 across the last 7 months of the year (prior to that the market for recycled material had dropped and no income was generated). The first 5 months of 2017/18 has seen £204,000 income being received which will be passed onto the boroughs. The increase has been driven mainly by increases in the value of paper and cardboard. However, due to the nature of the annual reconciliation of commodity income, this may not be realisable and should not be relied upon at this time, especially with current concern around the market for imports in China. A further update will be provided before February. Constituent councils are advised to make their own assumptions regarding income levels for the year bearing this in mind.

FORECAST PROJECTIONS 2018/19 ONWARDS

9. General Waste Rates. The general waste rate is made up of a Disposal Gate Fee, Transport Cost, Handling Fee, Landfill Tax (on residual 'fly ash'), Business Rates,

Contract Contingency Rebate and Electricity Cost/ Income as per the contract with Cory. The breakdown of these elements is commercially sensitive and is reported in Paper No. WRWA 841A elsewhere on this agenda The cost per tonne is:

	2017/18			2018/19	
	Budget	Forecast	Variance	Estimate Optimistic	Estimate Pessimistic
	£/ tonne	£/ tonne	£/ tonne	£/ tonne	£/ tonne
TOTAL	150.53	143.57	-6.96	151.82	153.13
Borough Charge	146.30	146.30	-	149.50	149.50
Subsidy	4.23	-2.73	-6.96	2.32	3.63

10. The electricity price included in the forecast for 2018/19 ranges from the floor + 2.5%. Experience between April and September 2017 has seen a wholesale price of around £43.50/MWh. However, in recent weeks, the market has experienced an increase in line with the usual seasonal variation. To mitigate risk regarding the electricity price, RRRL sell electricity ahead which is advantageous to us in a falling market but will reduce the reward in a rising market. At this stage, the assumptions in the table above are prudent for the 2018/19 budget and further information should be able to inform the position when the budget is set in February.

11. The projected total General Waste rate charge for constituent councils will be subsidised by the Authority using the Rates and Levy stabilisation Reserve. This will allow an inflationary increase on the General Waste rate of 2% to £149.50. Depending upon the inflationary rates and price of electricity, setting the borough rate at this level will require a subsidy of between £2.32 per tonne or £650,000 and £3.63 per tonne or £1.05m from the reserve.

12. <u>Co-mingled Recycling Rates.</u> It is expected that the current rolling arrangement of a reduced co-mingled recycling rate with Cory will continue during 2018/19. It is expected that the rate will be able to be kept at an inflationary uplift of around 3.5% above the 2017/18 value of £26.00.

13. <u>Summary of all AWDC rates.</u> The constituent borough rates for 2017/18 and predictions for 2018/19 are detailed opposite. Predictions for 2019/20 will be available in the February budget paper.

Predicted Rates per Tonne

Waste Type	Current contract cost 2017/18	Variable #	Current council charge 2017/18	Predicted Contract cost 2018/19	Predicted 2018/19 as at Feb 2017
	£	£	£	£	£
General waste	143.57	-	146.50	See above	155.80
Co-mingled recyclables	25.58	-	26.00	26.64	51.78*
Green waste	60.71	22.50	83.50	63.68	63.07
Batteries	55.31	-	55.50	57.63	57.26
Clinical	651.19	-	650.00	684.00	807.21
Detritus	75.48	-	74.00	78.53	145.34
Electricals	48.40	-	49.00	50.76	50.28
Fridges	47.03	-	47.50	48.60	48.68
Gas Bottles	126.05	-	126.50	130.23	130.45
Glass	28.87	18.00	59.00	30.28	29.99
Inert	28.67	-	29.00	29.95	29.84
Oil/Paint	119.85	-	120.00	124.87	124.06
Paper	25.47	-50.00	-24.00	26.72	26.46
Scrap Metal	48.40	-53.21	-4.00	50.76	50.28
Textiles	18.68	-220.00	-181.00	19.59	19.40
Tyres	269.70	-	269.50	281.02	278.68
Wood	45.85	72.50	111.50	48.09	47.63

*Assumed the fall out of the reduced rate negotiated with Cory at this stage which was extended

The variable element relates to the income or cost derived from market fluctuations in the price of commodities as they are sold on the market.

14. The variable element can be subject to significant market volatility and constituent councils are recommended to make their own assumptions regarding the future likelihood of these costs. Constituent councils need to be cautious before introducing any new recycling initiatives based on an assessment of the potential income from what are in fact volatile market prices. The Authority attempts to secure fixed prices for the year January to December, or longer if possible, but due

to the volatility in market prices the General Manager is authorised to adjust these prices during the year, in consultation with the Treasurer.

15. The table provides for all waste streams currently handled by constituent councils or directly by the Authority. Should other waste streams be introduced in future, authority has been delegated to the General Manager in consultation with the Treasurer to set rates for the new waste streams.

16. Levy Costs. Appendix D details the Authority costs which are funded by the Levy payments from constituent councils. The Administration & General costs continue to include consultancy and legal advice costs in relation to discussions with Battersea Power Station regarding potential Cringle redevelopment. Current forecasts predict a potential **reduction** in the Levy requirement as cash balances are used to repay PWLB loans, reducing interest costs, and revenue contributions to capital expenditure are removed from the budget. The Levy for 2018/19 will be agreed by the Authority at its meeting in February 2018, when the Tax Bases of the constituent Boroughs will be known. The indicative Levy requirement due in April 2018 for 2018/19 is approximately £6m charged to constituent councils (using 2017/18 council tax base apportionments as a guide) as follows:

	£'000
Hammersmith & Fulham	1,129
Kensington and Chelsea	1,424
Lambeth	1,539
Wandsworth	1,908
TOTAL	6,000

17. This compares to the 2017/18 Levy requirement of £6.683m and the 2016/17 Levy requirement of £6.910m, a reduction of 13% over the two years. However, it should be noted that when setting the 2013/14 Levy, I suggested that as far as practicable, the Levy would be held stable rather than having year on year fluctuations so as to minimise the impact on boroughs' council tax and reduce the risk of triggering a council tax referendum. This will be kept under review and a final Levy recommended for approval in February.

CONSULTATION WITH CONSTITUENT COUNCILS

18. Following the last authority meeting the Treasurer contacted the Section 151 officers of the constituent councils inviting them to meet to review the proposed forecast. That meeting took place on 9th October 2017 with the Clerk, Treasurer, Deputy Treasurer and General Manager along with representatives from Lambeth, Hammersmith & Fulham, Kensington and Chelsea and Wandsworth. The detailed forecast as set out in this paper was explained and presented to the officers and following discussion the boroughs were invited to make comments which were addressed at the meeting.

RECOMMENDATION

19. The Authority is recommended to note this report for information.

CHRIS BUSS
Treasurer

Western Riverside Transfer Station
Smugglers Way
Wandsworth
London SW18 1JS

13th November 2017

Forecast after 7 Months of 2017/2018

The forecast for the current financial year assumes that the growth (positive or negative) in the monthly data to date, as compared to the same period in the preceeding financial year, is continued for the rest of the financial year. An adjustment is also made for the number of working days between the two financial years.
Predictions allow for changes in Working Days between financial years but otherwise are assume no growth positive or negative

Tonnage

Hammersmith & Fulham	2013/2014	2014/2015	2015/2016	2016/2017	To Date 2017/2018	Forecast 2017/2018	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent	Tonnage Predictions 2018/2019 Tonnes	2019/2020 Tonnes	2020/2021 Tonnes
Batteries	0	1	2	1	0	1	0	64.06%	-	1	0.00%	1	1	1
Clinical Waste	41	39	34	30	17	27	- 3	-10.61%	32	- 5	-15.20%	27	27	27
Co-Mingled	12,770	11,811	11,463	11,520	6,546	11,309	- 211	-1.83%	11,607	- 298	-2.57%	11,399	11,444	11,399
Detritus Waste	505	576	951	813	420	668	- 145	-17.83%	909	- 241	-26.50%	673	676	673
Electricals	30	26	45	44	11	18	- 26	-59.43%	48	- 30	-63.00%	18	18	18
Fridges	48	80	93	101	60	103	2	1.83%	101	2	1.67%	104	104	104
Gas Bottles	1	1	1	1	1	2	1	105.46%	1	1	84.92%	2	2	2
General Waste	59,660	61,279	61,562	60,602	35,038	59,111	- 1,490	-2.46%	61,101	- 1,990	-3.26%	59,582	59,818	59,582
Glass Mixed	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Green Waste	181	97	75	114	5	828	714	624.06%	76	752	989.71%	835	838	835
Inert Waste	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Oil/Paint	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Paper/Cardboard	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Scrap Metals	-	5	8	11	10	35	24	217.95%	6	29	475.49%	35	35	35
Textiles	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Tyres	0	0	1	0	0	0	- 0	-75.03%	-	0	0.00%	0	0	0
Wood	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Total	**73,236**	**73,915**	**74,234**	**73,236**	**42,109**	**72,102**	**- 1,135**	**-1.55%**	**73,881**	**- 1,779**	**-2.41%**	72,676	72,963	72,676
Contaminated Co-Mingled	2,050	1,871	1,652	1,616	909	1,571	- 45	-2.75%	1,741	- 170	-9.76%	1,584	1,590	1,584
Contamination Percentge	16.05%	15.84%	14.41%	14.02%	13.89%	13.89%	-0.13%	-0.94%	15.00%	-1.11%	-7.38%	13.89%	13.89%	13.89%

Wandsworth	2013/2014	2014/2015	2015/2016	2016/2017	To Date 2017/2018	Forecast 2017/2018	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent	Tonnage Predictions 2018/2019 Tonnes	2019/2020 Tonnes	2020/2021 Tonnes
Batteries	-	-	-	0	-	0	- 0	-0.23%	-	0	0.00%	0	0	0
Clinical Waste	43	53	58	60	35	62	2	2.74%	59	3	4.66%	62	62	62
Co-Mingled	20,388	19,583	19,699	20,180	11,433	19,973	- 207	-1.02%	20,440	- 467	-2.28%	20,132	20,212	20,132
Detritus Waste	3,093	2,683	2,609	2,482	1,336	2,258	- 224	-9.04%	2,645	- 387	-14.65%	2,276	2,285	2,276
Electricals	2	1	3	3	7	12	10	392.13%	2	10	520.08%	13	13	13
Fridges	46	110	128	123	64	100	- 23	-18.69%	131	- 31	-23.57%	101	101	101
Gas Bottles	1	1	3	1	1	4	2	209.07%	1	3	264.70%	4	4	4
General Waste	76,296	77,825	79,542	79,034	46,055	77,530	- 1,504	-1.90%	79,444	- 1,914	-2.41%	78,148	78,457	78,148
Glass Mixed	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Green Waste	389	506	483	552	162	512	- 41	-7.40%	555	- 43	-7.83%	516	518	516
Inert Waste	-	1	12	4	23	25	20	454.27%	6	19	312.01%	25	25	25
Oil/Paint	1	-	-	-	0	0	0	0.00%	-	0	0.00%	0	0	0
Paper/Cardboard	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Scrap Metals	0	-	-	0	1	1	1	712.50%	-	1	0.00%	1	1	1
Textiles	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Tyres	5	2	1	2	1	2	- 1	-23.17%	2	- 0	-12.42%	2	2	2
Wood	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Total	**100,264**	**100,766**	**102,539**	**102,442**	**59,118**	**100,478**	**- 1,964**	**-1.92%**	**103,285**	**- 2,807**	**-2.72%**	101,279	101,679	101,279
Contaminated Co-Mingled	2,920	2,788	2,816	2,973	1,673	2,923	- 50	-1.67%	3,066	- 143	-4.66%	2,946	2,958	2,946
Contamination Percentge	14.32%	14.24%	14.29%	14.73%	14.63%	14.63%	-0.10%	-0.65%	15.00%	-0.37%	-2.43%	14.63%	14.63%	14.63%

Forecast after 7 Months of 2017/2018

The forecast for the current financial year assumes that the growth (positive or negative) in the monthly data to date, as compared to the same period in the preceeding financial year, is continued for the rest of the financial year. An adjustment is also made for the number of working days between the two financial years.
Predictions allow for changes in Working Days between financial years but otherwise are assume no growth positive or negative

Tonnage

Kensington and Chelsea	2013/2014	2014/2015	2015/2016	2016/2017	To Date 2017/2018	Forecast 2017/2018	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent	Tonnage Predictions 2018/2019 Tonnes	2019/2020 Tonnes	2020/2021 Tonnes
Batteries	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Clinical Waste	2	2	4	3	2	3	- 0	-10.43%	3	- 0	-11.03%	3	3	3
Co-Mingled	16,858	16,997	16,711	16,307	9,301	15,989	- 318	-1.95%	16,296	- 307	-1.88%	16,116	16,180	16,116
Detritus Waste	707	624	650	536	299	473	- 63	-11.77%	593	- 120	-20.26%	477	479	477
Electricals	6	10	37	49	14	20	- 29	-58.88%	58	- 38	-65.49%	20	20	20
Fridges	24	51	60	64	39	67	3	4.10%	63	4	6.19%	67	68	67
Gas Bottles	0	1	1	0	1	1	1	199.74%	-	1	0.00%	1	1	1
General Waste	60,618	60,789	61,110	60,292	35,360	59,896	- 396	-0.66%	60,324	- 428	-0.71%	60,373	60,612	60,373
Glass Mixed	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Green Waste	657	634	494	359	189	454	95	26.43%	294	160	54.29%	457	459	457
Inert Waste	-	-	-	2	-	-	- 2	-100.00%	3	- 3	-100.00%	-	-	-
Oil/Paint	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Paper/Cardboard	7	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Scrap Metals	0	1	3	1	0	0	- 1	-82.61%	1	- 1	-84.00%	0	0	0
Textiles	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Tyres	0	0	-	0	-	-	- 0	-100.00%	1	- 1	-100.00%	-	-	-
Wood	-	-	-	-	1	1	1	0.00%	-	1	0.00%	1	1	1
Total	**78,879**	**79,110**	**79,068**	**77,613**	**45,206**	**76,903**	**- 710**	**-0.92%**	**77,636**	**- 733**	**-0.94%**	77,516	77,822	77,516
Contaminated Co-Mingled	2,416	2,510	2,357	1,934	1,216	2,091	157	8.13%	2,444	- 354	-14.47%	2,107	2,116	2,107
Contamination Percentge	14.33%	14.76%	14.10%	11.86%	13.08%	13.08%	1.22%	10.28%	15.00%	-1.92%	-12.83%	13.08%	13.08%	13.08%

WRWA	2013/2014	2014/2015	2015/2016	2016/2017	To Date 2017/2018	Forecast 2017/2018	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent	Tonnage Predictions 2018/2019 Tonnes	2019/2020 Tonnes	2020/2021 Tonnes
Batteries	24	23	28	25	15	26	2	6.77%	27	- 1	-2.17%	27	27	27
Clinical Waste	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Co-Mingled	414	442	379	339	211	352	14	4.06%	356	- 4	-1.04%	355	357	355
Detritus Waste	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Electricals	875	834	858	806	460	741	- 65	-8.09%	790	- 49	-6.25%	746	749	746
Fridges	84	66	59	86	48	80	- 6	-6.86%	88	- 8	-8.95%	81	81	81
Gas Bottles	-	-	-	-	13	13	13	0.00%	-	13	0.00%	14	14	14
General Waste	13,426	12,908	12,355	11,792	7,258	11,245	- 548	-4.64%	11,689	- 444	-3.80%	11,334	11,379	11,334
Glass Mixed	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Green Waste	2,774	2,908	2,749	3,217	2,392	3,301	84	2.61%	3,169	132	4.16%	3,327	3,340	3,327
Inert Waste	431	790	830	1,061	782	1,021	- 40	-3.74%	1,286	- 265	-20.61%	1,029	1,033	1,029
Oil/Paint	21	10	9	17	10	14	- 3	-17.91%	18	- 4	-23.20%	14	14	14
Paper/Cardboard	626	590	713	806	542	923	117	14.49%	807	116	14.32%	930	934	930
Scrap Metals	469	487	573	697	445	704	7	0.99%	732	- 28	-3.78%	710	713	710
Textiles	203	178	204	209	128	197	- 12	-5.92%	228	- 31	-13.66%	198	199	198
Tyres	-	-	0	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Wood	2,725	2,860	3,022	3,223	2,035	3,189	- 34	-1.06%	3,442	- 253	-7.35%	3,215	3,227	3,215
Total	**22,072**	**22,096**	**21,778**	**22,277**	**14,339**	**21,806**	**- 472**	**-2.12%**	**22,632**	**- 826**	**-3.65%**	21,980	22,066	21,980
Contaminated Co-Mingled	64	66	54	46	31	52	6	12.79%	53	- 1	-2.46%	52	53	52
Contamination Percentge	15.44%	15.02%	14.24%	13.64%	14.78%	14.78%	1.14%	8.39%	15.00%	-0.22%	-1.44%	14.78%	14.78%	14.78%

Forecast after 2 Months of 2017/2018

The forecast for the current financial year assumes that the growth (positive or negative) in the monthly data to date, as compared to the same period in the preceeding financial year, is continued for the rest of the financial year. An adjustment is also made for the number of working days between the two financial years.
Predictions allow for changes in Working Days between financial years but otherwise are assume no growth positive or negative

Lambeth	2013/2014	2014/2015	2015/2016	2016/2017	To Date 2017/2018	Forecast 2017/2018	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent	Tonnage Predictions 2018/2019 Tonnes	2019/2020 Tonnes	2020/2021 Tonnes
Batteries	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Clinical Waste	2	2	2	2	1	1	- 1	-39.02%	2	- 1	-49.39%	1	1	1
Co-Mingled	19,180	18,759	18,379	18,388	11,530	20,161	1,773	9.64%	18,336	1,825	9.95%	20,322	20,402	20,322
Detritus Waste	645	593	678	587	290	518	- 69	-11.75%	607	- 89	-14.67%	522	524	522
Electricals	78	200	196	194	49	66	- 128	-66.10%	13	53	405.33%	66	66	66
Fridges	78	193	207	212	105	166	- 46	-21.84%	117	49	41.80%	167	168	167
Gas Bottles	2	4	4	2	2	5	3	106.53%	3	2	67.98%	5	5	5
General Waste	95,284	94,025	93,483	92,784	53,565	89,789	- 2,995	-3.23%	93,923	- 4,134	-4.40%	90,504	90,862	90,504
Glass Mixed	-	3	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Green Waste	362	638	323	241	126	535	295	122.32%	142	393	277.10%	540	542	540
Inert Waste	-	2	13	10	-	-	- 10	-100.00%	12	- 12	-100.00%	-	-	-
Oil/Paint	0	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Paper/Cardboard	249	281	255	321	295	621	300	93.60%	108	513	475.34%	626	629	626
Scrap Metals	95	114	128	150	73	106	- 44	-29.17%	2	104	5215.77%	107	108	107
Textiles	-	-	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Tyres	16	14	11	8	7	10	2	20.64%	9	1	13.13%	10	10	10
Wood	217	456	366	273	147	219	- 54	-19.84%	-	219	0.00%	220	221	220
Total	**116,207**	**115,284**	**114,046**	**113,172**	**66,189**	**112,198**	**- 975**	**-0.86%**	**113,274**	**- 1,076**	**-0.95%**	113,092	113,539	113,092
Contaminated Co-Mingled	3,199	2,954	2,604	2,556	1,892.54	3,309	753	29.45%	2,750	559	20.32%	3,336	3,349	3,336
Contamination Percentge	16.68%	15.75%	14.17%	13.90%	16.41%	16.41%	2.51%	18.07%	15.00%	1.41%	9.43%	16.41%	16.41%	16.41%

GRAND TOTAL	2013/2014	2014/2015	2015/2016	2016/2017	To Date 2017/2018	Forecast 2017/2018	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent	Tonnage Predictions 2018/2019 Tonnes	2019/2020 Tonnes	2020/2021 Tonnes
Batteries	24	23	30	25	15	27	2	8.03%	27	0	1.31%	28	28	28
Clinical Waste	87	96	98	95	55	93	- 3	-2.66%	96	- 3	-3.57%	93	94	93
Co-Mingled	69,609	67,593	66,630	66,733	39,021	67,784	1,051	1.58%	67,035	749	1.12%	68,325	68,595	68,325
Detritus Waste	4,950	4,476	4,888	4,418	2,346	3,917	- 501	-11.35%	4,754	- 837	-17.61%	3,948	3,963	3,948
Electricals	991	1,071	1,139	1,095	541	856	- 238	-21.75%	911	- 55	-5.99%	863	867	863
Fridges	280	500	548	587	316	516	- 71	-12.07%	500	16	3.15%	520	522	520
Gas Bottles	4	6	9	5	19	25	20	414.35%	5	20	397.90%	25	25	25
General Waste	305,284	306,826	308,051	304,504	177,276	297,571	- 6,934	-2.28%	306,481	- 8,910	-2.91%	299,942	301,127	299,942
Glass Mixed	-	3	-	-	-	-	-	0.00%	-	-	0.00%	-	-	-
Green Waste	4,363	4,784	4,124	4,483	2,873	5,630	1,146	25.57%	4,236	1,394	32.90%	5,674	5,697	5,674
Inert Waste	431	794	855	1,076	805	1,046	- 31	-2.85%	1,307	- 261	-19.99%	1,054	1,058	1,054
Oil/Paint	23	10	9	17	10	14	- 3	-17.79%	18	- 4	-23.09%	14	14	14
Paper/Cardboard	882	871	968	1,127	837	1,544	417	37.02%	915	629	68.73%	1,556	1,562	1,556
Scrap Metals	564	608	711	859	530	847	- 13	-1.49%	741	106	14.26%	853	857	853
Textiles	203	178	204	209	128	197	- 12	-5.92%	228	- 31	-13.66%	198	199	198
Tyres	22	16	13	11	7	12	1	5.96%	12	- 0	-0.22%	12	12	12
Wood	2,942	3,316	3,387	3,496	2,182	3,408	- 88	-2.51%	3,442	- 34	-0.97%	3,436	3,449	3,436
Total	**390,658**	**391,171**	**391,665**	**388,741**	**226,962**	**383,486**	**- 5,256**	**-1.35%**	**390,708**	**- 7,222**	**-1.85%**	386,541	388,069	386,541
Contaminated Co-Mingled	10,649	10,189	9,482	9,124	5,723	9,946	822	9.01%	10,055	- 109	-1.08%	10,025	10,065	10,025
Contamination Percentge	15.30%	15.07%	14.23%	13.67%	14.67%	14.67%	1.00%	7.32%	15.00%	-0.33%	-2.18%	14.67%	14.67%	14.67%

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APPENDIX B

Projected AWDC Costs and Income

Direct Tonnage costs (AWDC) (tonnage assumed to remain constant)	2017/18 Budget £000	2017/18 Forecast £000	2018/19 Predicted - OPTIMISTIC £000	2018/19 Predicted - PESSIMISTIC £000
Operating Expenditure				
General Waste	45,472	41,920	44,330	44,710
Co-mingled Recyclate	1,717	1,707	1,776	1,778
Other	833	528	558	561
	48,021	44,154	46,664	47,050
Direct Tonnage Income (AWDC)				
General Waste				
Hammersmith & Fulham	-8,939	-8,527	-8,713	-8,713
Kensington and Chelsea	-8,825	-8,652	-8,841	-8,841
Lambeth	-13,741	-12,939	-13,222	-13,222
Wandsworth	-11,623	-11,164	-11,408	-11,408
Co-mingled Recyclate				
Hammersmith & Fulham	-302	-290	-301	-301
Kensington and Chelsea	-424	-414	-430	-430
Lambeth	-477	-517	-537	-537
Wandsworth	-531	-514	-534	-534
Contamination*				
Hammersmith & Fulham	-227	-222	-227	-227
Kensington and Chelsea	-277	-301	-308	-308
Lambeth	-355	-493	-504	-504
Wandsworth	-438	-420	-429	-429
Other				
Hammersmith & Fulham	-104	-107	-113	-114
Kensington and Chelsea	-70	-77	-81	-82
Lambeth	-64	-92	-107	-107
Wandsworth	-278	-246	-259	-261
	-46,677	-44,974	-46,014	-46,018
AWDC (surplus)/ deficit	1,345	-820	650	1,032

APPENDIX C

LEVY CHARGE

LEVY cost	2017/18 Budget £000	2017/18 Forecast £000	2018/19 Predicted £000 Optimistic	2018/19 Predicted £000 Pessimistic
Employees	554	554	574	574
LPFA Levy	239	50	51	54
Business Rates	550	577	591	594
Administration & General -Legal/ Consultancy costs	360	360	360	500
Administration & General - Other direct costs	263	265	265	315
WBC Financial support*	71	64	65	65
WBC Admin support	44	43	43	43
CA site Tonnage and running costs	3,613	3,256	3,308	3,406
Capital charged to Revenue	200	-	-	-
Capital Financing	1,152	1,152	1,060	1,060
Total Cost	7,046	6,321	6,317	6,610
Miscellaneous Income	-363	-363	-363	-150
Grant Income		-12		
Levy Income	**-6,683**	**-6,683**	**-6,000**	**-6,460**
Total Income	**-7,046**	**-7,058**	**-6,363**	**-6,610**
Levy (surplus)/ deficit	0	-737	-46	0

* Breakdown of WBC support:

Financial Support	£'000
Accounting & Budgeting	40
Financial Advice/Support	15
Internal Audit	6
Pensions/Payroll	2
Debt Management	2
	65

Admin Support	£'000
Clerk & Admin Support	37
Other Services	6
	43