

ITEM 5

PAPER NO. WRWA **850**

WESTERN RIVERSIDE WASTE AUTHORITY

MEETING	6 th February 2018	
REPORT AUTHOR/DATE	General Manager (Contact Mark Broxup - Tel. 020 8871 2788) 29 th January 2018	
SUBJECT	Report outlining progress with operations and other matters since the previous meeting of the Authority.	
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STATUS	Open
BACKGROUND PAPERS	None

EXECUTIVE SUMMARY

1. This paper brings Members up to date on operational and other matters which, in themselves, do not warrant production of a separate paper. The majority of these matters are for Members' information, but where approval is sought this is referred to in the report. The specific matters covered in this report are:-
 - a) Operations
 - b) China's Ban on Imports of Certain Waste Materials
 - c) National Press Coverage on the Environmental Impact of "Plastics" Policy document, released 11th January 2018
 - d) The London Plan
 - e) Performance Monitoring
 - f) Recycling Performance
 - g) Consultancy Advice
 - h) New Initiatives
 - i) Recycle Western Riverside
 - j) Schools Programme
 - k) London Square planning application
 - l) Constituent Council New Recycling Initiatives
 - m) Position of Clerk and Treasurer
 - n) Cory Riverside Energy's plan for a new Energy Park
 - o) Items costing between £5,000 and £30,000

OPERATIONS

Transfer Stations/ Materials Recycling Facility (MRF)

2. There has been no major disruption in service to the main Transfer Stations' operations since the last Authority meeting.
3. The newly installed water cannons mounted over the main waste reception bunker were commissioned in December 2017; this sees the completion of the new fire suppression system in the MRF.

CHINA'S BAN ON IMPORTS OF CERTAIN WASTE MATERIALS

4. It was reported at the last Authority meeting that, on 18th July 2017, China notified the World Trade Organisation that it would ban imports of 24 categories of

recyclables and waste by the end of 2017, as part of its Environmental campaign to reduce the amounts of “dirty waste and hazardous waste” that have been found mixed with the recycling material exported to China.

5. Due to the increased coverage in the national press and media as a result of the impending ban a statement, attached as Appendix A to this report, was published on the Authority’s website in December 2017. At the time of writing Cory had nothing further to add to the information in the statement and say the situation remains the same.

THE ENVIRONMENTAL IMPACT OF “PLASTICS”

6. On 11th January 2018 the Government published a [25 Year Environment Plan](#) outlining plans to “take action” at each stage of a product lifecycle – production, consumption and end of life – with a pledge to eliminate all avoidable plastic waste by 2042.
7. At the production stage the Plan, produced by Defra, said it would “encourage” producers to take more responsibility for the environmental impacts of their products and to rationalise the number of different types of plastic in use.
8. Of more than 30 action points listed in the Plan, half were specifically on tackling plastic waste, with just three action points on food – and no new policies. Also notable was what was left out of the plan; there was no space for pledges on deposit return schemes or a levy on single-use coffee cups.
9. The document, whilst generally well received by the waste management industry, will need supportive policies, new legislation and investment to ensure that it can be delivered.
10. On 16th January 2018 the first ever [Europe-wide strategy on plastics](#) was launched as part of what the EU described as a “transition towards a more circular economy”. Under the new plans, all plastic packaging on the EU market will be recyclable by 2030, the consumption of single use plastics will be reduced and the intentional use of micro-plastics will be restricted. The Commission also intends to present a proposal on single-use plastics later in 2018.

THE LONDON PLAN

11. The [Draft New London Plan](#) was published for consultation by the Mayor of London on 29th November 2017 and the consultation period ends at 5pm on Friday, 2nd March 2018. There will then be an Examination in Public in the Autumn of 2018, with the final version due to be published in Autumn 2019.
12. Officers have not drafted a response to the Draft New London Plan, as the sections on waste which affect the Authority simply summarise the Mayor's Draft London Environment Strategy which the Authority has commented on previously (Paper No. WRWA 838, September 2017) and which is due to be published in 2018.

PERFORMANCE MONITORING

Introduction

13. A new format for performance monitoring is shown at Appendix B to this report. The tables shown set out:
 - a. the tonnages of each waste type (including co-mingled recycling contamination) delivered by each constituent council in the current financial year to date, together with projected outturn tonnages, compared against those budgeted for and the previous financial year's outturn;
 - b. the projected annual cost for each commodity, compared to what these would be if the Authority's budgeted tonnage of each commodity was received;
 - c. forecast tonnages for future years, adjusted simply by the number of working days in each year; the major waste type and co-mingled contamination tonnages are also shown on a monthly as well as an annual basis;
 - d. comparisons of the tonnage of each major waste type handled by each constituent council on an annual basis;

- e. comparisons by borough of the tonnages of Locally Authority Collected Waste (LACW), household and non-household waste, household waste arisings per dwelling and per person; and
- f. weight-based recycling performance on a household and LACW basis.

Points to Highlight

14. Whilst General Waste (the residual waste that cannot be reused or recycled and is sent for energy recovery) accounts for 78% of the delivered waste stream it accounts for almost 95% of the Authority's costs after allowing for the treatment of the contamination within the co-mingled recycling.
15. By comparison co-mingled recycling accounts for 18% of the delivered tonnage, but only accounts for 4% of the Authority's costs. A 1.6% reduction in Total Waste and a 2.4% reduction in General Waste from 2016/17 is projected for 2107/18. The levels of reductions vary across the constituent councils with, for example, Hammersmith & Fulham and Kensington and Chelsea predicted to have 2.90% and 0.68% reductions in General Waste respectively.
16. General Waste at the Household Waste and Recycling Centre is forecast to fall by 4.46%, with Total Waste falling by 2.00%, which would indicate an increased level of recycling as well as waste reduction.
17. The tonnage of co-mingled recycling collected by Lambeth is predicted to increase by 9.8% in 2017/18 when compared to 2016/17. Lambeth introduced its new waste management strategy in January 2017, replacing clear recycling sacks with 240 litre green recycling wheelie bins. After allowing for contamination, Lambeth and Wandsworth households now both recycle 2.32kg of co-mingled recycling each week. By comparison Kensington and Chelsea households recycle around 30% more, at 3.03kg per week, and Hammersmith & Fulham households recycle around 7% less, at 2.15kg..
18. Using data supplied by the constituent councils to 'WasteDataFlow', the performance of each is compared in terms of LACW and household waste arisings. Wandsworth generates the most household waste per household, at 13.1 kg per week, 24% more than 10.6kg per household in Hammersmith and Fulham. On a per person basis the difference is lower, but still significant, at 14%.

RECYCLING PERFORMANCE

19. In June 2017, the Authority considered a Recycling Performance report (Paper No. WRWA 832) which led to a seminar being held for Authority Members on 14th September 2017, the outcomes from which were discussed at the Authority's September 2017 meeting (Paper No. WRWA 838). Authority officers subsequently met with officers from the constituent councils, on 4th October 2017, to discuss the matter further.
20. At the last Authority meeting a number of new proposed waste prevention initiatives and interventions were discussed, including information gathering. All the proposals discussed were in addition to the current Recycle Western Riverside (RWR) work programmes and may form part of a new Waste Management Strategy (Policy).
21. Since the last Authority meeting officers have consulted counterparts from other London Waste Disposal Authorities (WDAs) and also met with Martin Cobley, a community based sustainability and composting expert who, in turn, held a "Zero Waste" Event with interested residents at Smugglers Way in early January 2018.
22. The main conclusion drawn from these meetings is that Waste Prevention will need to form part of a longer term Waste Prevention Plan, as feedback from the other WDA's suggests progress is measured and has only been achieved through targeted communications programmes. Below is a summary of the feedback obtained from each WDA.

West London Waste Authority (WLWA)

- WLWA has been committed to Waste Prevention for over five years and commits a substantive budget to this aim. Its combined proposed budget for 2018/19 will not be approved until March 2018. WLWA is focusing on the following waste streams; Food, Textiles, Electricals, Furniture, Nappies and quality of dry mixed recycling. The combined budget for waste prevention and recycling communications including staff costs for financial year 2017/18 was £380,242
- To monitor waste minimisation outcomes and risks WLWA is using its contract with Suez to carry out a waste composition survey in the transfer stations every 15 months. This is to ensure that changes caused by seasonality are included in the survey and, after four years, the seasonal replication will be achieved.

- WLWA is capturing behaviour change information on specific projects using “survey monkey”, an online survey device; this is currently measuring participation in textile reuse and recycling, real nappies and food waste.
- WLWA is taking on management of textile recycling arrangements from boroughs and is focussing on increasing the amount diverted from residual bins in response to the growth of textile disposal. Communications messages also focus on the prevention of their production.
- WLWA has recently launched a “try before you buy” real nappy scheme and has six free washable nappy packs to lend to west London parents.

. North London Waste Disposal Authority (NLWA)

- NLWA has been delivering a waste prevention programme since 2007, with the aim of reducing the amount of waste that needs to be managed.
- The current waste prevention plan and associated delivery programme is coming to an end on 31st March 2018. A further two-year waste prevention programme for 2018/20 will be put forward for NLWA Member approval on 8th February – an annual budget of £418,000, which includes two full time outreach staff at £62,000. An additional budget of £62,000 for real nappy subsidies also exists.
- A further budget of £305,000 exists for a Joint Communications Initiative for a third year of a three-year Communications Campaign on Household Recycling. This budget includes agency staff costs, but not NLWA staff costs.

South London Waste Partnership (SLWP)

- SLWP does not have a dedicated budget for waste minimisation or recycling communications as this function is currently carried out by its individual boroughs. However, a communications consultant is employed on a part time basis and was tasked with communicating a major service change – “Restricted Residual” – in Sutton. This new collection system, which has increased Sutton’s recycling rate to over 60%, includes a weekly food waste collection.
- SLWP suggested that the Authority might make use of SKY TV adverts that can be localised and were used successfully to notify Sutton residents during their Restricted Residual waste service changes.

- SLWP feels that the introduction of service changes can influence behavioural change, given the outcomes from the introduction of the “Restricted Residual” in Sutton.

East London Waste Authority (ELWA)

A representative from ELWA was unable to attend the meeting, but an officer did provide information via email:

- ELWA’s communications budget was cut several years ago in the drive for savings; currently, there is one staff member working in schools and there is some minor support to maintain ELWA’s website and other occasional project management. Funding for communications is obtained by applying for external funding and, if successful, is used to try to increase recycling rather than waste reduction.
- ELWA has had success at reducing waste through restricting industrial waste at its Household Waste Recycling Centres in 2008 and, more recently, has seen an additional 20% reduction by requiring proof of residence. It hopes to follow this up with the introduction of an Automated Number Plate Recognition system.

Martin Cobley, Sustainability and Composting Expert

- Martin believes through his experience that behavioural change can be influenced by tagging an initiative onto a relatable subject, e.g. composting and food growing, reducing food waste and healthy eating. This principle has been applied to an innovative behaviour change project aimed at helping Londoners reduce food waste, whilst promoting healthy and sustainable eating and the recycling of unavoidable food waste, called “Trifocal”, and a trial is currently taking place in nine London boroughs, including Lambeth.

London Wide Waste Prevention Campaign

- There was a general view that the London Waste and Recycling Board (LWaRB) and its support programme for London’s waste authorities, called Resource London, is best placed to run a Waste Prevention campaign across London, as Waste Prevention is not affected by operational or infrastructure differences.

CONSULTANCY ADVICE

23. In June 2017, following discussion of Paper No. WRWA 832, the Authority agreed that:

- a tender brief be developed, in consultation with officers from the constituent councils, for approval at the November 2017 meeting of the Authority. The aim was to then appoint a consultant at the February 2018 meeting of the Authority, with a view to them advising on:
 - i. the accuracy of the data used to prepare this report and the reasonableness of the conclusions drawn from it;
 - ii. any differences in performance between the constituent councils on different waste types;
 - iii. the suitability of having a range of performance targets, as opposed to the current 'one size fits all' weight based recycling target;
 - iv. the enhancement of the current recycling programme, with a new focus on a number of waste minimisation initiatives; and
 - v. how the Authority might best communicate agreed policies and measures to the public.

24. Three tender briefs were approved by Members at the last Authority meeting, as follows:

- The first brief covered items i. to iv. detailed above, entitled "Joint Waste Policy Support",
- The second brief covered item v. detailed above, entitled "Communications Support", and
- A third tender brief was produced for consultants to carry out further waste compositional analysis.

25. The briefs were sent out to consultants at the end of November 2017, inviting responses back between 20th and 22nd December 2017, each brief having a separate deadline. Four responses were received for the Waste Policy Support and, following an evaluation process, Ricardo was selected with a price of £21,762.

26. Two submissions were received for the Compositional Analysis brief and, following an evaluation process, M.E.L. was selected at a cost of £14,953.
27. Members are asked to approve the appointment of Ricardo and M.E.L. to carry out the Waste Policy Support and M.E.L. to carry out the Compositional Analysis for a combined budget of £37,000 in 2018/19.
28. No responses were initially received for the Communications Support; a number of consultants reported back saying that, due to the Christmas period, they had insufficient resources to submit proposals. The Communications brief was therefore re-issued with a deadline of 26th January 2018 and the results are discussed in Paper No. WRWA 852, elsewhere on this agenda.

NEW INITIATIVES

29. At the last meeting a number of new initiatives and interventions were proposed and discussed and it was proposed that they should be explored further. Officers are now proposing that, due to the main lessons learnt from the consultation meeting with the JWDA's about progress on waste prevention being gradual and achieved through a sustained and targeted effort, it is not proposed in this report to recommend a budget for Waste Prevention initiatives until the waste policy consultancy advice has been completed. It is proposed therefore to report back to the Authority meeting in July 2018, with any recommended in-year proposals to be funded from the Authority's Recycling Reserve in the first instance.

New Message at the Household Waste and Recycling Centre (HWRC)

30. However, one proposed initiative that can be funded using existing resources is to change the tone in the message at the HWRC. The proposed new message is:

*"To save Council Tax payers money and to help the environment it is **expected** that residents will separate waste for reuse and recycling. If you require help locating the correct container or area, please see an on-site Recycling Advisor. Thank you for your support."*

31. This message can be conveyed on the Authority's website, with additional explanation about how much money can be saved by separating waste correctly and the environmental benefits of reusing and recycling. New signs can be erected on the HWRC and existing signs will be amended using stickers.

32. Members are asked to agree this proposed change in tone of message at the Smugglers Way Household Waste and Recycling Centre.

SCHOOLS PROGRAMME

33. The education team have had a very busy start to 2018, both in schools and at the Smugglers Way Education Centre. Several schools have taken part in the programme for the first time, after being directly targeted, and the team have now worked with over 60% of state primary schools in all four of the constituent boroughs. Their efforts to engage more secondary schools have also been successful, with three bookings so far this term from Key Stage 3 groups, including a Waste Audit with the Ark Putney Academy. This takes them up to four waste audits in January alone.
34. A highlight for the current half term has been working with Reay school in Lambeth which held a recycling themed week, with workshops for all the classes, finishing with a Bin Detectives Waste Audit. The Year 6 students have since written to product manufacturers to ask them to make their packaging recyclable in order to help the environment.
35. The team is currently fully booked for Smugglers Way visits until the end of March and has run 36 in-school workshops and assemblies so far in January, with a further 25 booked in before February half term. Demand for MRF tours from community groups and residents is also still high and they have run two tours and a community group presentation in January, with three more booked in for February.

RECYCLE WESTERN RIVERSIDE (RWR)

Recycle for London (RfL) Campaign – Managed by Resource London

36. At the January 2017 Authority meeting Members approved the adoption of the Recycle for London (RfL) campaign (Resource London's communications brand) by RWR to assist with communicating a consistent message across London.
37. At the previous Authority meeting it was reported that, on 6th November 2017, RfL launched its new campaign, called 'One Bin is Rubbish'. The campaign focuses on in-home storage and encouraging residents to sort out another recycling bin (or equivalent) in their home.

38. On 19th December 2017, Resource London notified the Authority that it had been successful with a funding application for £15,000 to assist with launching the 'One Bin is Rubbish' campaign in Hammersmith & Fulham, Lambeth and Kensington and Chelsea. The RWR budget is match funding £15,000 for the campaign and is expanding the campaign to Wandsworth, which is not currently a "priority" borough for RfL as it has insufficient numbers of the target group that RfL are attempting to reach. A condition of funding is that all the activities must be delivered by 31st March 2018.

39. The campaign will consist of:

- vehicle panel advertising in Kensington and Chelsea, Lambeth and Wandsworth
- 41 Bus Shelter Adverts in Hammersmith & Fulham
- 28 Bus Shelter Adverts each in Kensington and Chelsea, Lambeth and Wandsworth
- Adverts on the Authority and borough websites, Twitter pages and Facebook account
- Adverts in borough and local publications

RECYCLE WESTERN RIVERSIDE (RWR) BUDGET - FINANCIAL YEAR 2018/19

40. The Technical Officers were consulted and agreed, at an RWR communications meeting held in December 2017, that RWR should continue to use the RfL branding and support a London-wide communications campaign that has the benefit of a consistent message to residents who move around the London Boroughs. Over the next two years, RfL aims to focus its campaign strategy on providing Londoners with the information they need to increase their confidence about what can and cannot be recycled at home.

41. The Authority is asked to approve the proposed budget below for the RWR 2018/19 programme, as follows:

- £120,000 – Continuation of the Recycle for London "One bin is Rubbish" campaign (No increase on 2017/18)
- £30 ,000 – to be set aside for Estates-based project work
- **Total £150,000**

LONDON SQUARE PLANNING APPLICATION

42. At the Authority meeting on 22nd November 2016, it was reported that London Square, a property development company, had held a public consultation exhibition in October 2016 to display its proposals to redevelop the B&Q site in Smugglers Way, which sits directly opposite the Authority's Smugglers Way Waste Transfer Station (WTS). The proposals outlined a mix use development, offering affordable homes, higher end properties, offices and some small retail units. The proposals included a fifteen-storey block that overlooks the WTS.
43. It was also reported that Carter Jonas, the Authority's property consultant, had submitted a letter on behalf of the Authority in response to the Environmental Impact Assessment Scoping Opinion that had been issued for the proposed redevelopment.
44. A planning application for the proposed redevelopment was registered with Wandsworth Council on 13th February 2017. On 17th November 2017, Wandsworth's Planning Department advised the Authority that London Square's original proposals had been revised. In response to the revised application, Carter Jonas sent a letter on behalf of the Authority to Wandsworth's planning officers and this response is attached as Appendix C to this report, for Members' information.
45. At the Wandsworth Planning Committee on 25th January 2018 the London Square planning application was approved but, at the time of writing, no further details are known.

CONSTITUENT COUNCIL NEW RECYCLING INITIATIVES

46. At the meeting of the Authority on 22nd September 2010 (Paper No. WRWA 669A) Members instructed the Clerk to write to each of the constituent councils to inform them that, in future, should they wish to make arrangements themselves to recycle any significant tonnage of waste then, in accordance with Section 48 of the Environment Protection Act 1990, they must, as soon as reasonably practicable, notify the Authority in writing. The Authority will then approve or object to any such proposal at its next available meeting. The Clerk wrote to the constituent councils, as instructed, on 27th October 2010.
47. Kensington and Chelsea plans to start a food waste pilot on 6th February 2018, collecting from 1,700 single occupancy homes in the south of the borough. A waste composition survey, funded by the Authority, is planned to be carried out during

week commencing 29th January 2018 and again in May and October 2018. As previously reported, this is to test a theory that the introduction of food waste collections can have a beneficial effect on behavioural change – i.e. that residents are likely to re-focus attention on dry recycling, as well as food waste separation and reduction.

POSITIONS OF CLERK AND TREASURER

48. In June 2016 (Paper No. WRWA 2016), Mr Walker's (Clerk) and Mr Buss' (Treasurer) positions were reviewed and the Authority agreed to extend both officers' employment until 30th September 2018.

49. However, extending that period would now seem prudent, so as to help ensure stability in what is likely to be a complex period for the Authority, given that:

- a) negotiations on the future of Cringle Dock are still ongoing;
- b) the outcome(s) of the strategic business review being carried out by Cory Riverside Energy are unknown;
- c) planning for the 2019/20 budget will need to begin in the autumn of 2018; and
- d) the Authority's next meeting is not until mid to late July 2018 when, following the May 2018 local elections, it will have a new board and will need to appoint a new Chairman, leaving little time to advertise and recruit for the roles.

50. Both the Clerk and the Treasurer have signalled their agreement to a proposal that their employment be extended until 31st March 2019, with a further review being carried out in the Autumn of 2018, and the Authority is also asked to agree this.

CORY RIVERSIDE ENERGY'S PLANS FOR A NEW ENERGY PARK

51. The Authority's waste management contractor, Cory Riverside Energy ("Cory"), has published plans to build an integrated, low-carbon energy park at its site in Belvedere, South East London.

52. The energy park would complement Cory's existing Riverside Energy from Waste (EfW) Facility that treats the Authority's residual waste and comprise a range of

technologies, including waste energy recovery, anaerobic digestion, solar panels, and battery storage.

53. The Riverside Energy Park would enable more of London's residual "black bin" waste to be converted into green electricity, particularly during times of peak usage, and produce cheap heat for export to nearby homes and businesses. In addition, it would continue to convert the residual ash that is left over at the end of the process into construction materials useful for building London's homes and roads.
54. Cory has advised the Government's Planning Inspectorate, which handles applications for this type of project, of its proposals and expects to hold public exhibitions during the summer of 2018, with construction targeted to begin in 2021 and the Energy Park to be fully operational by 2024.
55. Full details can be found on Cory's website <http://www.coryenergy.com/> which also provides visitors with the opportunity to take virtual tours around its existing facilities, including the Authority's Materials Recycling Facility and its Transfer Stations.

THE AUTHORITY'S OFFICES

56. The Authority's offices were originally built as store rooms for plant and equipment, before being converted to offices in the late 1980s. Other than repainting on two occasions no major refurbishment has been carried out in the ensuing 30 years and a lot of the fixtures and fittings (notably the carpets, blinds and furniture) are original. There are also problems with water ingress and damp in a number of areas.
57. With the Authority having now employed four education officers the space is not laid out as well as it could be and there is only one unisex toilet to serve nine members of staff, as well as ten or more visitors on a regular basis.
58. It is therefore recommended that an architect be procured to design a better use of the space available, including the provision of additional toilet facilities, and quotes then be obtained to carry out the necessary refurbishment works and replace the carpets and the older fittings, for consideration at the next meeting of the Authority.

COMMENTS OF THE TREASURER

59. The proposed budget outlined in paragraph 41 for the Recycle Western Riverside project work has been included within the budget outlined for approval elsewhere on this agenda and forms part of the Levy charge to constituent boroughs. The consultancy advice regarding waste policy and communications support will need to be met from within existing approved budgets in 2018/19, or will be a call on the Recycling Reserve.

ITEMS COSTING BETWEEN £5,000 AND £30,000

60. There have been no items of expenditure that have been authorised by officers under delegated powers that fall within the band range of £5,000 to £30,000 since the last Authority meeting.

RECOMMENDATIONS

61. The Authority is asked to approve:

- a. the appointment of Ricardo and M.E.L. to carry out the Waste Policy Support and MEL to carry out the Compositional Analysis for a combined budget of £37,000 in 2018/19 (as described in paragraphs 23 to 27 of this report);
- b. a change in tone of messaging at the Smugglers Way Household Waste and Recycling Centre (as detailed in paragraphs 30 and 31 above);
- c. approve a budget of £150,000 for the RWR 2018/19 programme (detailed in paragraphs 40 and 41 above);
- d. the extension of the employment of the Clerk and Treasurer until 31st March 2019, as detailed in paragraphs 48 to 50;
- e. the procurement of an architect and bids for the refurbishment of the authority's offices as detailed in paragraphs 56 to 58; and

f. otherwise receive this report as information.

M. Broxup
GENERAL MANAGER

Western Riverside Transfer Station
Smugglers Way
Wandsworth
SW18 1JS.

29th January 2018

NEWS ITEM on WRWA Website - China's ban on certain waste materials

There have been a number of reports in the mainstream press recently about China banning the import of certain materials, particularly plastics, collected in local authority recycling schemes.

None of the Authority's recyclables currently go to China, but obviously any major change in international processing capacity will affect the wider market for these materials.

Cory Riverside Energy, which is responsible for the sale of the Authority's recycling materials, has reported that the ban has not, to date, affected its ability to sell recycling materials, but it does report a significant drop in the prices being paid for cardboard and mixed paper. Also, it has not had any "rejected loads" from the re-processors which would be a key indicator that the market has dropped and, to Cory's knowledge, there has been no stockpiling of material at any of the processing sites it uses.

WE THEREFORE URGE ALL OUR RESIDENTS TO MINIMISE THEIR WASTE AND TO FOLLOW OUR RECYCLING GUIDANCE AS CLOSELY AS POSSIBLE IN ORDER TO KEEP CONTAMINATION LEVELS AT A MINIMUM.

Even though commodity prices may be dropping WRWA currently has an arrangement with Cory whereby the Authority pays an index-linked gate fee for recyclables, with a profit share mechanism above a threshold. Irrespective of recent events, commodity values have historically been notoriously volatile and the Authority, when setting its budgets, does not factor in any additional income from recycling.

The Chinese Government announced in February 2017 that it would have a new focus on 'industrial waste, e-waste, plastics and other solid waste smuggling illegal activities'. Then, in July 2017, China notified the World Trade Organisation that it would ban imports of 24 categories of recyclables and waste by the end of 2017, as part of its Environmental campaign to reduce the amounts of "dirty waste and hazardous waste" that have been found mixed with the recycling material exported to China. Whilst the proposed ban applies to several plastic resins (including Polyethylene (PET), Polyethylene (PE), Polyvinyl Chloride (PVC), Polystyrene (PS) and "other" plastics), textiles, and unsorted mixed paper there is still a great deal of

uncertainty around the exact specification of what materials will, and will not, be banned.

Given that the industry has had good notice of these problems, it is reasonable to expect that most traders in recycling commodities will have begun to put in place mitigation measures and this could be an opportunity for other existing markets to expand or new ones appear.

The Authority will update this page as, and if, developments require it

Tonnage									
	2016/2017 Outturn	2017/2018 Budget	2017/2018 Forecast	Difference to Budget		2017/2018 £/Tonne	Budget 2017/2018 Cost £	Projected 2017/2018 Cost £	Projected 2017/2018 Variance £
				Tonnes	Percentage				
Batteries	1	-	1	1		55.50	-	37	37
Clinical Waste	30	32	27	- 5	-15.2%	650.00	20,800	17,638	- 3,162
Co-Mingled	11,520	11,607	11,279	- 328	-2.8%	26.00	301,782	293,246	- 8,536
Detritus Waste	813	909	695	- 214	-23.5%	74.00	67,266	51,440	- 15,826
Electricals	44	48	17	- 31	-65.0%	49.00	2,352	822	- 1,530
Fridges	101	101	101	- 0	-0.1%	47.50	4,798	4,792	- 5
Gas Bottles	1	1	2	1	82.3%	126.50	127	231	104
General Waste	60,602	61,101	58,842	- 2,259	-3.7%	146.30	8,939,076	8,608,644	- 330,432
Glass Mixed	-	-	-	-		59.00	-	-	-
Green Waste	114	76	207	131	172.4%	83.50	6,346	17,288	10,942
Inert Waste	-	-	-	-		29.00	-	-	-
Oil/Paint	-	-	-	-		120.00	-	-	-
Paper/Cardboard	-	-	-	-		24.00	-	-	-
Scrap Metals	11	6	16	10	158.9%	4.00	24	62	38
Textiles	-	-	-	-		181.00	-	-	-
Tyres	-	-	0	0		269.50	-	7	7
Wood	-	-	-	-		111.50	-	-	-
Grand Total	73,236	73,881	71,186	- 2,695	-3.6%	Sub-Total	9,342,522	8,994,084	- 348,439
Contamination	1,616	1,553	1,595	42	2.7%	146.30	227,206	233,375	6,168
Grand Total							9,569,729	9,227,459	- 342,270

Forecast Tonnes			
	2018/2019	2019/2020	2020/2021
Batteries	1	1	1
Clinical Waste	27	27	27
Co-Mingled	11,369	11,413	11,369
Detritus Waste	701	703	701
Electricals	17	17	17
Fridges	102	102	102
Gas Bottles	2	2	2
General Waste	59,311	59,546	59,311
Glass Mixed	-	-	-
Green Waste	209	210	209
Inert Waste	-	-	-
Oil/Paint	-	-	-
Paper/Cardboard	-	-	-
Scrap Metals	16	16	16
Textiles	-	-	-
Tyres	0	0	0
Wood	-	-	-
Grand Total	71,753	72,037	71,753
Contamination	1,608	1,614	1,608

Co-Mingled Contamination					
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Apr	17.0%	15.0%	13.3%	14.2%	11.6%
May	17.3%	14.8%	15.5%	12.1%	15.9%
Jun	14.4%	15.3%	11.3%	14.2%	12.1%
Jul	18.5%	14.7%	15.3%	11.0%	13.3%
Aug	17.8%	14.2%	16.3%	13.0%	17.1%
Sep	14.8%	11.7%	15.7%	12.9%	11.5%
Oct	15.3%	20.5%	14.7%	13.5%	15.1%
Nov	13.5%	16.0%	14.7%	16.0%	13.5%
Dec	20.0%	17.5%	15.9%	18.5%	16.8%
Jan	14.5%	18.6%	13.3%	15.7%	14.1%
Feb	15.7%	14.1%	11.9%	15.2%	14.1%
Mar	13.2%	16.7%	15.0%	11.9%	14.1%
Average	16.1%	15.8%	14.4%	14.0%	14.1%
				Budget	13.4%

Working Days					
	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Total	255	251	253	254	253
Diff from Year before		-4	2	1	-1
Change		-1.57%	0.80%	0.40%	-0.39%

General Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	4,908	4,507	- 401	-8.18%
May	5,285	5,262	- 23	-0.43%
Jun	5,515	5,254	- 260	-4.72%
Jul	5,128	5,106	- 23	-0.44%
Aug	5,013	4,929	- 84	-1.68%
Sep	5,165	4,885	- 280	-5.43%
Oct	4,874	5,119	245	5.02%
Nov	5,381	5,081	- 300	-5.58%
Dec	5,012	4,795	- 217	-4.33%
Jan	4,827	4,687	- 140	-2.90%
Feb	4,414	4,286	- 128	-2.90%
Mar	5,080	4,933	- 147	-2.90%
Total	60,602	58,842	- 1,759	-2.90%

Co-Mingled Tonnes				
	2016/2017	2017/2018	Difference	
Apr	937	855	- 82	-8.75%
May	952	1,009	56	5.92%
Jun	1,012	970	- 41	-4.10%
Jul	960	928	- 31	-3.27%
Aug	887	875	- 12	-1.37%
Sep	980	935	- 45	-4.58%
Oct	934	970	36	3.86%
Nov	1,021	976	- 45	-4.37%
Dec	1,017	999	- 18	-1.77%
Jan	954	934	- 20	-2.09%
Feb	873	855	- 18	-2.09%
Mar	993	972	- 21	-2.09%
Total	11,520	11,279	- 241	-2.09%

Detritus Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	66	45	- 21	-31.42%
May	72	59	- 13	-18.32%
Jun	82	64	- 18	-21.65%
Jul	62	74	12	20.08%
Aug	81	62	- 18	-22.58%
Sep	79	64	- 15	-19.12%
Oct	70	55	- 15	-21.64%
Nov	95	67	- 27	-28.91%
Dec	37	59	22	58.02%
Jan	48	41	- 7	-14.51%
Feb	55	47	- 8	-14.51%
Mar	66	57	- 10	-14.51%
Total	813	695	- 118	-14.51%

Co-mingled Contamination Tonnes				
	2016/2017	2017/2018	Difference	
Apr	133	99	- 34	-25.47%
May	115	160	45	39.39%
Jun	143	117	- 26	-18.23%
Jul	105	124	18	17.37%
Aug	115	150	35	30.29%
Sep	126	107	- 19	-14.80%
Oct	126	147	21	16.31%
Nov	163	132	- 31	-19.12%
Dec	188	168	- 20	-10.56%
Jan	150	132	- 17	-11.63%
Feb	133	121	- 12	-9.14%
Mar	118	138	20	16.86%
Total	1,616	1,595	- 20	-1.26%

Green Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	1	-	- 1	-100.00%
Aug	-	1	1	0.00%
Sep	-	2	2	0.00%
Oct	-	3	3	0.00%
Nov	-	8	8	0.00%
Dec	7	1	- 6	-85.28%
Jan	106	193	86	81.02%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	114	207	93	81.02%

Wood Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	-	-	-	0.00%

Tonnage							Budget	Projected	Projected
	2016/2017	2017/2018	2017/2018	Difference to Budget		2017/2018	2017/2018	2017/2018	2017/2018
	Outturn	Budget	Forecast	Tonnes	Percentage	£/Tonne	Cost £	Cost £	Variance £
Batteries	-	-	-	-	-	55.50	-	-	-
Clinical Waste	3	3	2	1	-20.9%	650.00	1,950	1,543	407
Co-Mingled	16,307	16,296	15,960	336	-2.1%	26.00	423,696	414,951	8,745
Detritus Waste	536	593	474	119	-20.0%	74.00	43,882	35,089	8,793
Electricals	49	58	25	33	-56.9%	49.00	2,842	1,224	1,618
Fridges	64	63	69	6	9.5%	47.50	2,993	3,277	284
Gas Bottles	-	-	1	1	-	126.50	-	110	110
General Waste	60,292	60,324	59,884	440	-0.7%	146.30	8,825,401	8,760,985	64,416
Glass Mixed	-	-	-	-	-	59.00	-	-	-
Green Waste	359	294	423	129	43.9%	83.50	24,549	35,338	10,789
Inert Waste	2	3	-	3	-100.0%	29.00	87	-	87
Oil/Paint	-	-	-	-	-	120.00	-	-	-
Paper/Cardboard	-	-	-	-	-	24.00	-	-	-
Scrap Metals	1	1	1	0	-14.0%	4.00	4	3	1
Textiles	-	-	-	-	-	181.00	-	-	-
Tyres	-	1	0	1	-88.0%	269.50	270	32	237
Wood	-	-	1	1	-	111.50	-	60	60
Grand Total	77,613	77,636	76,839	797	-1.0%	Sub-Total	9,325,665	9,252,606	73,060
Contamination	1,934	1,895	2,027	132	7.0%	146.30	277,271	296,573	19,302
Grand Total							9,602,937	9,549,179	53,758

Forecast Tonnes			
	2018/2019	2019/2020	2020/2021
Batteries	-	-	-
Clinical Waste	2	2	2
Co-Mingled	16,087	16,150	16,087
Detritus Waste	478	480	478
Electricals	25	25	25
Fridges	70	70	70
Gas Bottles	1	1	1
General Waste	60,361	60,599	60,361
Glass Mixed	-	-	-
Green Waste	427	428	427
Inert Waste	-	-	-
Oil/Paint	-	-	-
Paper/Cardboard	-	-	-
Scrap Metals	1	1	1
Textiles	-	-	-
Tyres	0	0	0
Wood	1	1	1
Grand Total	77,452	77,758	77,452
Contamination	2,043	2,051	2,043

Co-Mingled Contamination					
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Apr	13.4%	15.2%	13.0%	10.8%	14.7%
May	19.1%	16.6%	15.7%	11.5%	11.8%
Jun	12.2%	16.4%	12.3%	11.1%	13.2%
Jul	16.2%	14.0%	14.1%	11.1%	12.1%
Aug	21.9%	17.4%	10.0%	11.3%	14.3%
Sep	12.7%	16.6%	13.9%	13.1%	11.9%
Oct	10.5%	11.9%	14.3%	11.9%	14.0%
Nov	13.1%	15.5%	13.0%	12.1%	10.6%
Dec	13.5%	13.5%	14.8%	11.4%	12.3%
Jan	14.8%	14.6%	16.9%	11.8%	12.7%
Feb	12.8%	13.3%	17.5%	12.6%	12.7%
Mar	13.4%	12.6%	13.5%	13.6%	12.7%
Average	14.3%	14.8%	14.1%	11.9%	12.7%
				Budget	11.6%

Working Days					
	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Total	255	251	253	254	253
Diff from Year before		-4	2	1	-1
Change		-1.57%	0.80%	0.40%	-0.39%

General Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	4,745	4,492	253	-5.34%
May	5,208	5,214	5	0.10%
Jun	5,195	5,282	87	1.67%
Jul	5,072	5,102	30	0.59%
Aug	4,983	4,980	2	-0.05%
Sep	5,313	4,990	323	-6.08%
Oct	5,045	5,371	326	6.46%
Nov	5,384	5,281	103	-1.91%
Dec	4,995	4,917	78	-1.56%
Jan	4,919	4,886	33	-0.68%
Feb	4,400	4,370	30	-0.68%
Mar	5,034	5,000	34	-0.68%
Total	60,292	59,884	409	-0.68%

Co-Mingled Tonnes				
	2016/2017	2017/2018	Difference	
Apr	1,284	1,191	93	-7.25%
May	1,395	1,411	16	1.13%
Jun	1,385	1,415	30	2.17%
Jul	1,330	1,361	30	2.27%
Aug	1,180	1,160	21	-1.75%
Sep	1,489	1,365	124	-8.34%
Oct	1,413	1,418	5	0.37%
Nov	1,430	1,379	51	-3.56%
Dec	1,452	1,396	56	-3.84%
Jan	1,360	1,331	29	-2.13%
Feb	1,203	1,177	26	-2.13%
Mar	1,386	1,356	29	-2.13%
Total	16,307	15,960	347	-2.13%

Detritus Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	48	31	17	-34.76%
May	54	45	10	-17.82%
Jun	54	41	13	-24.02%
Jul	33	43	11	32.15%
Aug	51	53	3	5.34%
Sep	54	42	12	-22.45%
Oct	45	45	1	-1.68%
Nov	57	47	10	-17.03%
Dec	28	28	0	-0.36%
Jan	30	27	3	-11.52%
Feb	37	33	4	-11.52%
Mar	45	40	5	-11.52%
Total	536	474	62	-11.52%

Co-mingled Contamination Tonnes				
	2016/2017	2017/2018	Difference	
Apr	139	175	36	26.18%
May	160	166	6	4.04%
Jun	153	187	34	22.33%
Jul	147	164	17	11.69%
Aug	133	166	33	24.89%
Sep	195	162	33	-16.94%
Oct	168	198	30	17.55%
Nov	173	146	26	-15.29%
Dec	165	171	6	3.69%
Jan	160	169	9	5.35%
Feb	151	150	2	-1.02%
Mar	189	172	17	-8.86%
Total	1,934	2,027	94	4.84%

Green Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	11	16	5	44.18%
May	20	32	12	57.49%
Jun	34	27	7	-21.60%
Jul	21	25	4	18.87%
Aug	19	26	7	37.01%
Sep	23	32	9	39.05%
Oct	21	31	11	50.62%
Nov	39	49	10	24.16%
Dec	34	24	9	-27.86%
Jan	96	113	17	17.97%
Feb	17	20	3	17.97%
Mar	24	28	4	17.97%
Total	359	423	64	17.97%

Wood Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	1	1	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	-	1	1	0.00%

Tonnage							Budget	Projected	Projected
	2016/2017	2017/2018	2017/2018	Difference to Budget		2017/2018	2017/2018	2017/2018	2017/2018
	Outturn	Budget	Forecast	Tonnes	Percentage	£/Tonne	Cost £	Cost £	Variance £
Batteries	-	-	-	-		55.50	-	-	-
Clinical Waste	2	2	1	1	-43.9%	650.00	1,300	730	570
Co-Mingled	18,388	18,336	20,142	1,806	9.8%	26.00	476,736	523,680	46,944
Detritus Waste	587	607	556	51	-8.4%	74.00	44,918	41,136	3,782
Electricals	194	13	125	112	863.6%	49.00	637	6,138	5,501
Fridges	212	117	177	60	50.9%	47.50	5,558	8,386	2,829
Gas Bottles	2	3	4	1	31.9%	126.50	380	501	121
General Waste	92,784	93,923	89,819	4,104	-4.4%	146.30	13,740,935	13,140,591	600,343
Glass Mixed	-	-	-	-		59.00	-	-	-
Green Waste	241	142	380	238	167.7%	83.50	11,857	31,741	19,884
Inert Waste	10	12	-	12	-100.0%	29.00	348	-	348
Oil/Paint	-	-	-	-		120.00	-	-	-
Paper/Cardboard	321	108	552	444	411.3%	24.00	2,592	13,253	10,661
Scrap Metals	150	2	120	118	5891.7%	4.00	8	479	471
Textiles	-	-	-	-		181.00	-	-	-
Tyres	8	9	11	2	23.0%	269.50	2,426	2,984	558
Wood	273	-	238	238		111.50	-	26,542	26,542
Grand Total	113,172	113,274	112,125	1,149	-1.0%	Sub-Total	14,282,493	13,768,696	513,797
Contamination	2,556	2,428	3,307	880	36.2%	146.30	355,171	483,874	128,704
Grand Total							14,637,664	14,252,570	385,094

Forecast Tonnes			
	2018/2019	2019/2020	2020/2021
Batteries	-	-	-
Clinical Waste	1	1	1
Co-Mingled	20,302	20,382	20,302
Detritus Waste	560	563	560
Electricals	126	127	126
Fridges	178	179	178
Gas Bottles	4	4	4
General Waste	90,535	90,893	90,535
Glass Mixed	-	-	-
Green Waste	383	385	383
Inert Waste	-	-	-
Oil/Paint	-	-	-
Paper/Cardboard	557	559	557
Scrap Metals	121	121	121
Textiles	-	-	-
Tyres	11	11	11
Wood	240	241	240
Grand Total	113,019	113,465	113,019
Contamination	3,334	3,347	3,334

Co-Mingled Contamination					
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Apr	15.6%	16.5%	13.2%	12.6%	16.5%
May	16.1%	14.7%	14.3%	13.8%	17.7%
Jun	11.5%	13.3%	15.0%	14.9%	11.5%
Jul	12.2%	13.7%	12.8%	11.9%	22.4%
Aug	23.5%	19.0%	11.4%	11.9%	18.9%
Sep	16.2%	13.2%	13.8%	13.4%	14.9%
Oct	17.3%	17.8%	11.5%	11.9%	13.1%
Nov	18.8%	20.6%	13.6%	15.3%	15.0%
Dec	19.9%	15.3%	16.8%	12.2%	17.8%
Jan	20.6%	14.7%	15.6%	16.3%	16.4%
Feb	12.4%	16.2%	16.3%	13.2%	16.4%
Mar	14.7%	14.7%	15.5%	18.6%	16.4%
Average	16.7%	15.7%	14.2%	13.9%	16.4%
				Budget	13.2%

Working Days					
	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Total	255	251	253	254	253
Diff from Year before		-4	2	1	-1
Change		-1.57%	0.80%	0.40%	-0.39%

General Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	7,566	6,993	572	-7.57%
May	8,067	7,905	163	-2.02%
Jun	8,415	7,762	653	-7.76%
Jul	7,938	7,773	165	-2.08%
Aug	7,931	7,909	22	-0.27%
Sep	7,861	7,375	486	-6.19%
Oct	7,523	7,893	369	4.91%
Nov	7,949	7,629	321	-4.03%
Dec	7,557	7,307	251	-3.32%
Jan	7,704	7,458	246	-3.19%
Feb	6,730	6,516	215	-3.19%
Mar	7,541	7,301	241	-3.19%
Total	92,784	89,819	2,965	-3.20%

Co-Mingled Tonnes				
	2016/2017	2017/2018	Difference	
Apr	1,462	1,495	33	2.26%
May	1,518	1,735	216	14.25%
Jun	1,582	1,752	170	10.74%
Jul	1,529	1,656	127	8.33%
Aug	1,484	1,638	154	10.38%
Sep	1,534	1,609	75	4.88%
Oct	1,397	1,646	249	17.79%
Nov	1,544	1,679	135	8.73%
Dec	1,581	1,722	141	8.89%
Jan	1,631	1,787	156	9.54%
Feb	1,442	1,580	138	9.54%
Mar	1,684	1,844	161	9.54%
Total	18,388	20,142	1,753	9.53%

Detritus Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	46	36	10	-22.30%
May	43	54	11	25.27%
Jun	47	47	1	-1.23%
Jul	29	36	7	25.80%
Aug	38	39	1	3.62%
Sep	55	41	14	-25.60%
Oct	70	37	33	-46.93%
Nov	77	60	17	-22.19%
Dec	44	75	32	72.27%
Jan	47	45	3	-5.29%
Feb	40	38	2	-5.29%
Mar	51	48	3	-5.29%
Total	587	556	31	-5.29%

Co-mingled Contamination Tonnes				
	2016/2017	2017/2018	Difference	
Apr	185	246	61	32.95%
May	209	285	75	36.05%
Jun	235	288	52	22.29%
Jul	182	272	90	49.49%
Aug	176	269	93	52.96%
Sep	206	264	59	28.53%
Oct	167	270	104	62.27%
Nov	236	276	40	16.77%
Dec	193	283	90	46.57%
Jan	265	293	28	10.62%
Feb	190	259	69	36.37%
Mar	313	303	- 10	-3.19%
Total	2,556	3,307	751	29.38%

Green Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	4	-	4	-100.00%
May	6	7	1	15.93%
Jun	7	11	3	42.63%
Jul	20	6	14	-69.33%
Aug	7	9	3	43.87%
Sep	6	29	24	413.33%
Oct	7	64	56	782.22%
Nov	43	102	58	135.45%
Dec	63	29	34	-54.35%
Jan	52	82	30	57.82%
Feb	23	36	13	57.82%
Mar	4	7	3	57.82%
Total	241	380	139	57.82%

Wood Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	21	30	8	39.68%
May	46	23	- 23	-49.50%
Jun	28	17	- 11	-38.05%
Jul	25	21	- 4	-16.32%
Aug	24	18	- 6	-24.36%
Sep	18	18	1	4.10%
Oct	21	22	1	5.65%
Nov	20	21	1	7.16%
Dec	17	21	4	20.41%
Jan	18	15	- 2	-12.76%
Feb	14	12	- 2	-12.76%
Mar	21	18	- 3	-12.76%
Total	273	238	- 35	-12.76%

Tonnage							Budget	Projected	Projected
	2016/2017	2017/2018	2017/2018	Difference to Budget		2017/2018	2017/2018	2017/2018	2017/2018
	Outturn	Budget	Forecast	Tonnes	Percentage	£/Tonne	Cost £	Cost £	Variance £
Batteries	-	-	0	0		55.50	-	1	1
Clinical Waste	60	59	63	4	6.8%	650.00	38,350	40,967	2,617
Co-Mingled	20,180	20,440	19,964	- 476	-2.3%	26.00	531,440	519,052	- 12,388
Detritus Waste	2,482	2,645	2,409	- 236	-8.9%	74.00	195,730	178,262	- 17,468
Electricals	3	2	10	8	405.4%	49.00	98	495	397
Fridges	123	131	105	- 26	-20.2%	47.50	6,223	4,965	- 1,258
Gas Bottles	1	1	2	1	116.9%	126.50	127	274	148
General Waste	79,034	79,444	77,371	- 2,073	-2.6%	146.30	11,622,657	11,319,398	- 303,259
Glass Mixed	-	-	-	-		59.00	-	-	-
Green Waste	552	555	572	17	3.0%	83.50	46,343	47,746	1,403
Inert Waste	4	6	23	17	280.7%	29.00	174	662	488
Oil/Paint	-	-	0	0		120.00	-	2	2
Paper/Cardboard	-	-	-	-		24.00	-	-	-
Scrap Metals	-	-	1	1		4.00	-	5	5
Textiles	-	-	-	-		181.00	-	-	-
Tyres	2	2	2	- 0	-1.3%	269.50	539	532	- 7
Wood	-	-	-	-		111.50	-	-	-
Grand Total	102,442	103,285	100,521	- 2,764	-2.7%	Sub-Total	12,441,680	12,112,353	- 329,327
Contamination	2,973	2,997	2,958	- 38	-1.3%	146.30	438,389	432,817	- 5,572
Grand Total							12,880,068	12,545,170	- 334,899

Forecast Tonnes			
	2018/2019	2019/2020	2020/2021
Batteries	0	0	0
Clinical Waste	64	64	64
Co-Mingled	20,123	20,202	20,123
Detritus Waste	2,428	2,438	2,428
Electricals	10	10	10
Fridges	105	106	105
Gas Bottles	2	2	2
General Waste	77,988	78,296	77,988
Glass Mixed	-	-	-
Green Waste	576	579	576
Inert Waste	23	23	23
Oil/Paint	0	0	0
Paper/Cardboard	-	-	-
Scrap Metals	1	1	1
Textiles	-	-	-
Tyres	2	2	2
Wood	-	-	-
Grand Total	101,322	101,723	101,322
Contamination	2,982	2,994	2,982

Co-Mingled Contamination					
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Apr	12.6%	12.5%	11.2%	13.2%	15.6%
May	12.5%	15.9%	10.8%	12.7%	11.9%
Jun	10.0%	14.1%	13.6%	17.9%	15.4%
Jul	14.7%	9.8%	12.1%	16.4%	16.2%
Aug	20.7%	13.7%	14.1%	16.1%	16.8%
Sep	12.1%	10.7%	12.5%	14.3%	11.3%
Oct	16.7%	18.5%	12.5%	14.3%	15.4%
Nov	12.7%	17.1%	12.2%	12.2%	16.0%
Dec	15.5%	15.6%	18.0%	13.3%	14.9%
Jan	18.5%	14.0%	17.4%	16.3%	14.8%
Feb	11.0%	12.6%	17.2%	16.1%	14.8%
Mar	13.7%	16.2%	19.0%	13.9%	14.8%
Average	14.3%	14.2%	14.3%	14.7%	14.8%
				Budget	14.7%

Working Days					
	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Total	255	251	253	254	253
Diff from Year before		-4	2	1	-1
Change		-1.57%	0.80%	0.40%	-0.39%

General Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	6,366	5,907	- 459	-7.20%
May	6,962	7,006	44	0.63%
Jun	7,106	6,843	- 263	-3.70%
Jul	6,780	6,556	- 224	-3.30%
Aug	6,709	6,630	- 79	-1.17%
Sep	6,678	6,408	- 270	-4.04%
Oct	6,304	6,732	427	6.78%
Nov	6,739	6,578	- 161	-2.39%
Dec	6,473	6,191	- 282	-4.35%
Jan	6,494	6,358	- 137	-2.10%
Feb	5,740	5,619	- 121	-2.10%
Mar	6,684	6,544	- 141	-2.10%
Total	79,034	77,371	- 1,663	-2.10%

Co-Mingled Tonnes				
	2016/2017	2017/2018	Difference	
Apr	1,583	1,459	- 124	-7.83%
May	1,685	1,707	22	1.29%
Jun	1,763	1,761	- 2	-0.09%
Jul	1,644	1,646	3	0.16%
Aug	1,580	1,609	29	1.86%
Sep	1,710	1,622	- 88	-5.17%
Oct	1,574	1,628	53	3.39%
Nov	1,752	1,737	- 15	-0.86%
Dec	1,816	1,776	- 40	-2.20%
Jan	1,864	1,844	- 20	-1.07%
Feb	1,483	1,467	- 16	-1.07%
Mar	1,725	1,707	- 18	-1.07%
Total	20,180	19,964	- 216	-1.07%

Detritus Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	201	170	- 31	-15.54%
May	208	194	- 14	-6.85%
Jun	245	175	- 70	-28.60%
Jul	220	183	- 37	-16.88%
Aug	187	165	- 21	-11.48%
Sep	208	190	- 18	-8.69%
Oct	199	263	65	32.61%
Nov	296	336	40	13.55%
Dec	215	244	29	13.60%
Jan	166	161	- 5	-2.94%
Feb	166	162	- 5	-2.94%
Mar	171	166	- 5	-2.94%
Total	2,482	2,409	- 73	-2.94%

Co-mingled Contamination Tonnes				
	2016/2017	2017/2018	Difference	
Apr	209	216	7	3.24%
May	215	253	38	17.82%
Jun	316	261	- 55	-17.42%
Jul	270	244	- 26	-9.71%
Aug	255	238	- 17	-6.48%
Sep	245	240	- 4	-1.73%
Oct	225	241	16	7.30%
Nov	214	257	43	20.03%
Dec	241	263	22	9.06%
Jan	303	273	- 30	-9.89%
Feb	239	217	- 21	-9.00%
Mar	240	253	13	5.47%
Total	2,973	2,958	- 14	-0.48%

Green Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	12	14	2	19.73%
May	15	32	18	120.36%
Jun	25	26	1	3.22%
Jul	42	22	- 21	-48.78%
Aug	31	19	- 12	-39.78%
Sep	22	23	1	5.18%
Oct	27	26	- 1	-5.05%
Nov	41	40	- 1	-1.66%
Dec	39	62	22	56.50%
Jan	255	264	9	3.51%
Feb	35	36	1	3.51%
Mar	8	8	0	3.51%
Total	552	572	19	3.51%

Wood Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	-	-	-	0.00%

Household Waste & Recycling Cenrte & Charity

After 9 months of 2017/2018
= Forecast Figures

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Tonnage							Budget	Projected	Projected		
	2016/2017	2017/2018	2017/2018	Difference to Budget		2017/2018	2017/2018	2017/2018	2017/2018		
	Outturn	Budget	Forecast	Tonnes	Percentage	£/Tonne	Cost £	Cost £	Variance £		
Batteries	25	27	26	-	1	-3%	55.50	1,499	-	40	
Clinical Waste	-	-	-	-	-		650.00	-	-	-	
Co-Mingled	339	356	393		37	10.3%	26.00	9,256	10,209	953	
Detritus Waste	-	-	-	-	-		74.00	-	-	-	
Electricals	806	790	729	-	61	-7.8%	49.00	38,710	35,708	-	3,002
Fridges	86	88	75	-	13	-15.0%	47.50	4,180	3,554	-	626
Gas Bottles	-	-	19	-	19		126.50	-	2,381	-	2,381
General Waste	11,792	11,689	11,267	-	422	-3.6%	146.30	1,710,101	1,648,339	-	61,761
Glass Mixed	-	-	-	-	-		59.00	-	-	-	-
Green Waste	3,217	3,169	3,209		40	1.3%	83.50	264,612	267,982		3,370
Inert Waste	1,061	1,286	1,075	-	211	-16.4%	29.00	37,294	31,167	-	6,127
Oil/Paint	17	18	16	-	2	-9.5%	120.00	2,160	1,955	-	205
Paper/Cardboard	806	807	886		79	9.8%	24.00	19,368	21,268	-	1,900
Scrap Metals	697	732	707	-	25	-3.4%	4.00	2,928	2,828	-	100
Textiles	209	228	200	-	28	-12.3%	181.00	41,268	36,184	-	5,084
Tyres	-	-	-	-	-		269.50	-	-	-	-
Wood	3,223	3,442	3,231	-	211	-6.1%	111.50	383,783	360,222	-	23,561
Grand Total	22,277	22,632	21,832	-	800	-3.5%	Sub-Total	2,388,030	2,302,695	-	85,334
Contamination	46	47	58		11	23.4%	146.30	6,885	8,499		1,613
						Grand Total	2,394,915	2,311,194	-	83,721	

Forecast Tonnes			
	2018/2019	2019/2020	2020/2021
Batteries	26	27	26
Clinical Waste	-	-	-
Co-Mingled	396	397	396
Detritus Waste	-	-	-
Electricals	735	737	735
Fridges	75	76	75
Gas Bottles	19	19	19
General Waste	11,357	11,402	11,357
Glass Mixed	-	-	-
Green Waste	3,235	3,248	3,235
Inert Waste	1,083	1,088	1,083
Oil/Paint	16	16	16
Paper/Cardboard	893	897	893
Scrap Metals	713	715	713
Textiles	202	202	202
Tyres	-	-	-
Wood	3,256	3,269	3,256
Grand Total	22,006	22,093	22,006
Contamination	59	59	59

Co-Mingled Contamination					
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Apr	14.5%	14.8%	12.6%	12.6%	15.0%
May	16.0%	15.6%	13.8%	12.6%	14.3%
Jun	11.8%	14.7%	13.2%	14.8%	13.2%
Jul	15.0%	12.8%	13.3%	12.9%	16.6%
Aug	21.2%	16.2%	12.7%	13.2%	16.9%
Sep	13.8%	13.1%	13.8%	13.5%	12.5%
Oct	15.1%	17.0%	13.1%	12.9%	14.3%
Nov	14.6%	17.5%	13.2%	13.7%	14.0%
Dec	17.0%	15.3%	16.5%	13.4%	15.4%
Jan	17.6%	15.2%	16.1%	15.1%	14.8%
Feb	12.7%	14.0%	16.1%	14.3%	14.8%
Mar	13.8%	14.9%	16.0%	14.8%	14.8%
Average	15.4%	15.0%	14.2%	13.6%	14.8%
				Budget	13.2%

Working Days					
	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Total	255	251	253	254	253
Diff from Year before		-4	2	1	-1
Change		-1.57%	0.80%	0.40%	-0.39%

General Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	1,160	1,196	36	3.08%
May	1,339	1,141	-	-14.78%
Jun	1,043	1,007	-	-3.48%
Jul	1,127	1,100	-	-2.40%
Aug	1,057	1,078	20	1.92%
Sep	926	913	-	-1.40%
Oct	952	865	-	-9.20%
Nov	771	706	-	-8.46%
Dec	764	728	-	-4.74%
Jan	811	775	-	-4.45%
Feb	817	780	-	-4.45%
Mar	1,024	979	-	-4.45%
Total	11,792	11,267	-	-4.46%

Co-Mingled Tonnes				
	2016/2017	2017/2018	Difference	
Apr	26	30	4	15.35%
May	27	29	2	7.79%
Jun	35	23	-	-34.20%
Jul	31	33	1	4.03%
Aug	31	32	1	2.67%
Sep	25	30	5	20.28%
Oct	27	34	7	27.20%
Nov	31	41	11	34.45%
Dec	34	57	24	70.55%
Jan	24	28	4	15.98%
Feb	24	28	4	15.98%
Mar	23	27	4	15.98%
Total	339	393	54	15.98%

Detritus Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	-	-	-	0.00%

Co-mingled Contamination Tonnes				
	2016/2017	2017/2018	Difference	
Apr	3	4	1	36.58%
May	3	4	1	22.22%
Jun	5	3	-	-41.24%
Jul	4	5	1	33.66%
Aug	4	5	1	31.54%
Sep	3	4	0	11.55%
Oct	3	5	1	41.41%
Nov	4	6	2	37.51%
Dec	5	9	4	96.38%
Jan	4	4	0	13.46%
Feb	3	4	1	20.31%
Mar	3	4	1	15.56%
Total	46	58	12	25.80%

Green Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	286	385	99	34.61%
May	460	407	-	-11.49%
Jun	349	366	16	4.65%
Jul	390	311	-	-20.37%
Aug	336	359	23	6.83%
Sep	268	281	13	4.74%
Oct	240	284	44	18.22%
Nov	204	198	-	-2.90%
Dec	181	118	-	-34.63%
Jan	103	103	0	-0.23%
Feb	138	138	0	-0.23%
Mar	262	261	-	-0.23%
Total	3,217	3,209	-	-0.23%

Wood Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	308	348	40	12.86%
May	333	300	-	-10.00%
Jun	283	290	7	2.32%
Jul	299	306	7	2.50%
Aug	286	280	-	-2.20%
Sep	281	252	-	-10.19%
Oct	264	270	5	1.92%
Nov	221	223	3	1.31%
Dec	197	209	12	6.19%
Jan	231	231	1	0.23%
Feb	231	232	1	0.23%
Mar	289	289	1	0.23%
Total	3,223	3,231	7	0.23%

Western Riverside Waste Authority	After 9 months of 2017/2018	Printed 18/01/2018 10:46
= Forecast Figures		

Tonnage	2016/2017 Outturn	2017/2018 Budget	2017/2018 Forecast	Difference to Budget		2017/2018 £/Tonne	Budget 2017/2018 Cost £	Projected 2017/2018 Cost £	Projected 2017/2018 Variance £
				Tonnes	Percentage				
Batteries	26	27	27	- 0	0%	55.50	1,499	1,497	- 2
Clinical Waste	95	96	94	- 2	-2.4%	650.00	62,400	60,878	- 1,522
Co-Mingled	66,734	67,035	67,736	701	1.0%	26.00	1,742,910	1,761,138	18,228
Detritus Waste	4,418	4,754	4,134	- 620	-13.0%	74.00	351,796	305,927	- 45,869
Electricals	1,096	911	906	- 5	-0.6%	49.00	44,639	44,388	- 251
Fridges	586	500	526	26	5.2%	47.50	23,750	24,974	1,224
Gas Bottles	4	5	28	23	452.9%	126.50	633	3,497	2,864
General Waste	304,504	306,481	297,184	- 9,297	-3.0%	146.30	44,838,170	43,477,959	- 1,360,212
Glass Mixed	-	-	-	-	-	59.00	-	-	-
Green Waste	4,483	4,236	4,792	556	13.1%	83.50	353,706	400,095	46,389
Inert Waste	1,077	1,307	1,098	- 209	-16.0%	29.00	37,903	31,829	- 6,074
Oil/Paint	17	18	16	- 2	-9.4%	120.00	2,160	1,958	- 202
Paper/Cardboard	1,127	915	1,438	523	57.2%	24.00	21,960	34,521	12,561
Scrap Metals	859	741	845	104	14.0%	4.00	2,964	3,378	414
Textiles	209	228	200	- 28	-12.3%	181.00	41,268	36,184	5,084
Tyres	10	12	13	1	9.9%	269.50	3,234	3,555	321
Wood	3,496	3,442	3,469	27	0.8%	111.50	383,783	386,824	3,041
Grand Total	388,740	390,708	382,504	- 8,204	-2.1%	Sub-Total	47,780,390	46,430,434	- 1,349,957
Contamination	9,124	8,919	9,946	1,027	11.5%	146.30	1,304,922	1,455,138	150,215
						Grand Total	49,085,312	47,885,571	- 1,199,741

Forecast Tonnes			
	2018/2019	2019/2020	2020/2021
Batteries	27	27	27
Clinical Waste	94	95	94
Co-Mingled	68,276	68,546	68,276
Detritus Waste	4,167	4,184	4,167
Electricals	913	917	913
Fridges	530	532	530
Gas Bottles	28	28	28
General Waste	299,552	300,736	299,552
Glass Mixed	-	-	-
Green Waste	4,830	4,849	4,830
Inert Waste	1,106	1,111	1,106
Oil/Paint	16	17	16
Paper/Cardboard	1,450	1,456	1,450
Scrap Metals	851	855	851
Textiles	202	202	202
Tyres	13	13	13
Wood	3,497	3,511	3,497
Grand Total	385,552	387,076	385,552
Contamination	10,026	10,065	10,026

Co-Mingled Contamination					
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Apr	14.5%	14.8%	12.6%	12.6%	15.0%
May	16.0%	15.6%	13.8%	12.6%	14.3%
Jun	11.8%	14.7%	13.2%	14.8%	13.2%
Jul	15.0%	12.8%	13.3%	12.9%	16.6%
Aug	21.2%	16.2%	12.7%	13.2%	16.9%
Sep	13.8%	13.1%	13.8%	13.5%	12.5%
Oct	15.1%	17.0%	13.1%	12.9%	14.3%
Nov	14.6%	17.5%	13.2%	13.7%	14.0%
Dec	17.0%	15.3%	16.5%	13.4%	15.4%
Jan	17.6%	15.2%	16.1%	15.1%	14.8%
Feb	12.7%	14.0%	16.1%	14.3%	14.8%
Mar	13.8%	14.9%	16.0%	14.8%	14.8%
Average	15.4%	15.0%	14.2%	13.6%	14.8%
				Budget	13.2%

Working Days					
	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Total	255	251	253	254	253
Diff from Year before		-4	2	1	-1
Change		-1.57%	0.80%	0.40%	-0.39%

General Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	24,744	23,095	- 1,650	-6.67%
May	26,861	26,527	- 334	-1.24%
Jun	27,273	26,148	- 1,125	-4.13%
Jul	26,045	25,637	- 409	-1.57%
Aug	25,693	25,526	- 167	-0.65%
Sep	25,943	24,570	- 1,372	-5.29%
Oct	24,699	25,979	1,280	5.18%
Nov	26,224	25,274	- 950	-3.62%
Dec	24,802	23,938	- 863	-3.48%
Jan	24,755	24,163	- 592	-2.39%
Feb	22,100	21,571	- 530	-2.40%
Mar	25,365	24,756	- 608	-2.40%
Total	304,504	297,184	- 7,321	-2.40%

Co-Mingled Tonnes				
	2016/2017	2017/2018	Difference	
Apr	5,292	5,030	- 262	-4.96%
May	5,578	5,890	312	5.60%
Jun	5,777	5,922	145	2.51%
Jul	5,494	5,624	130	2.37%
Aug	5,162	5,314	151	2.93%
Sep	5,738	5,561	- 177	-3.09%
Oct	5,345	5,696	351	6.56%
Nov	5,777	5,812	35	0.60%
Dec	5,899	5,950	51	0.86%
Jan	5,834	5,924	91	1.55%
Feb	5,025	5,107	82	1.62%
Mar	5,811	5,907	96	1.64%
Total	66,733	67,736	1,003	1.50%

Detritus Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	362	283	- 79	-21.87%
May	377	351	- 26	-6.93%
Jun	428	326	- 101	-23.68%
Jul	343	337	- 7	-1.99%
Aug	356	320	- 36	-10.01%
Sep	397	337	- 59	-15.00%
Oct	384	400	16	4.16%
Nov	524	510	- 14	-2.68%
Dec	324	406	82	25.45%
Jan	291	274	- 18	-6.11%
Feb	299	280	- 19	-6.46%
Mar	334	311	- 23	-6.76%
Total	4,418	4,134	- 284	-6.42%

Co-mingled Contamination Tonnes				
	2016/2017	2017/2018	Difference	
Apr	669	753	84	12.53%
May	702	841	139	19.74%
Jun	853	781	- 72	-8.46%
Jul	709	932	223	31.52%
Aug	683	900	218	31.87%
Sep	775	697	- 78	-10.13%
Oct	689	817	127	18.46%
Nov	791	814	23	2.90%
Dec	791	919	128	16.13%
Jan	882	872	- 10	-1.15%
Feb	717	751	35	4.84%
Mar	863	870	7	0.78%
Total	9,124	9,946	822	9.01%

Green Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	313	415	102	32.70%
May	501	479	- 23	-4.51%
Jun	416	429	13	3.09%
Jul	474	364	- 111	-23.30%
Aug	393	414	21	5.36%
Sep	319	367	48	15.16%
Oct	295	407	112	37.84%
Nov	327	397	70	21.24%
Dec	324	234	- 90	-27.77%
Jan	612	754	142	23.24%
Feb	213	230	17	8.00%
Mar	298	304	6	2.16%
Total	4,483	4,792	308	6.88%

Wood Waste Tonnes				
	2016/2017	2017/2018	Difference	
Apr	330	378	48	14.59%
May	379	323	- 56	-14.77%
Jun	311	307	- 4	-1.32%
Jul	324	327	3	1.04%
Aug	311	299	- 12	-3.93%
Sep	298	270	- 28	-9.35%
Oct	285	292	7	2.38%
Nov	240	244	4	1.79%
Dec	215	230	16	7.34%
Jan	248	247	- 2	-0.69%
Feb	245	244	- 1	-0.52%
Mar	310	308	- 2	-0.65%
Total	3,496	3,469	- 27	-0.77%

After 9 months of 2017/2018

General Waste Delivered (Tonnes)

General Waste Delivered (Tonnes)						Annual				2017/2018			Budget	
	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST		Change	Change		Budget	Change	Change	
					2017/2018	2017/2018		Tonnes	Percent		Tonnes	Tonnes	Percent	
HF	59,660	61,279	61,562	60,602	44,937	58,842	-	1,759	-2.90%		61,101	-	2,259	-3.70%
KC	60,618	60,789	61,110	60,292	45,628	59,884	-	409	-0.68%		60,324	-	440	-0.73%
LA	95,284	94,025	93,483	92,784	68,545	89,819	-	2,965	-3.20%		93,923	-	4,104	-4.37%
WA	76,296	77,825	79,542	79,034	58,851	77,371	-	1,663	-2.10%		79,444	-	2,073	-2.61%
WRWA	13,426	12,908	12,355	11,792	8,733	11,267	-	525	-4.46%		11,689	-	422	-3.61%
Total	305,284	306,826	308,051	304,504	226,694	297,184	-	7,321	-2.40%		306,481	-	9,297	-3.03%
Change		1,542	1,224	3,547		7,321								
Percentage Change		0.51%	0.40%	-1.15%		-2.40%								

Co-Mingled Waste Delivered (Tonnes)

Co-Mingled Waste Delivered (Tonnes)							Annual			2017/2018		Budget		
	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST		Change	Change		Budget	Change	Change	
					2017/2018	2017/2018		Tonnes	Percent		Tonnes	Tonnes	Percent	
HF	12,770	11,811	11,463	11,520	8,517	11,279	-	241	-2.09%		11,607	-	328	-2.83%
KC	16,858	16,997	16,711	16,307	12,095	15,960	-	347	-2.13%		16,296	-	336	-2.06%
LA	19,180	18,759	18,379	18,388	14,931	20,142		1,753	9.53%		18,336		1,806	9.85%
WA	20,388	19,583	19,699	20,180	14,945	19,964	-	216	-1.07%		20,440	-	476	-2.33%
WRWA	414	442	379	339	310	393		54	15.98%		356		37	10.30%
Total	69,609	67,593	66,630	66,733	50,798	67,736		1,003	1.50%		67,035		701	1.05%
Change	-	2,016	-	962				1,003						
Percentage Change		-2.90%		-1.42%		0.15%		1.50%						

Co-Mingled Contamination (Percentage)

					TO DATE		FORECAST		Change in	
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2017/2018	Change	Change	Point	Point
HF	16.05%	15.84%	14.41%	14.02%	14.14%	14.14%		0.12%		
KC	14.33%	14.76%	14.10%	11.86%	12.70%	12.70%		0.84%		
LA	16.68%	15.75%	14.17%	13.90%	16.42%	16.42%		2.52%		
WA	14.32%	14.24%	14.29%	14.73%	14.82%	14.82%		0.09%		
WRWA	15.44%	15.02%	14.24%	13.64%	14.79%	14.79%		1.16%		

Co-Mingled Contamination (Tonnes)

					TO DATE		FORECAST		Annual		2017/2018		
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2017/2018	Change	Change	Change	Change	Budget	Change	Budget
							Tonnes	Percent			Tonnes	Tonnes	Percent
HF	2,050	1,871	1,652	1,616	1,205	1,595	-	20	-1.26%		1,553	42	2.71%
KC	2,416	2,510	2,357	1,934	1,536	2,027		94	4.84%		1,895	132	6.96%
LA	3,199	2,954	2,604	2,556	2,452	3,307		751	29.38%		2,428	880	36.24%
WA	2,920	2,788	2,816	2,973	2,215	2,958	-	14	-0.48%		2,997	38	-1.27%
WRWA	64	66	54	46	46	58		12	25.80%		47	11	23.43%
Total	10,649	10,189	9,482	9,124	7,453	9,946		822	9.01%		8,919	1,027	11.51%
Change		460	707	358				822					
Percentage Change		-4.32%	-6.93%	-3.78%				9.01%					

Green Waste Delivered (Tonnes)

					TO DATE		FORECAST		Annual		2017/2018		
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2017/2018	Change	Change	Change	Change	Budget	Change	Budget
							Tonnes	Percent			Tonnes	Tonnes	Percent
HF	181	97	75	114	14	207		93	81.02%		76	131	172.43%
KC	657	634	494	359	262	423		64	17.97%		294	129	43.95%
LA	362	638	323	241	256	380		139	57.82%		142	238	167.70%
WA	389	506	483	552	264	572		19	3.51%		555	17	3.03%
WRWA	2,774	2,908	2,749	3,217	2,708	3,209	-	7	-0.23%		3,169	40	1.27%
Total	4,363	4,784	4,124	4,483	3,504	4,792		308	6.88%		4,236	556	13.12%
Change		421	660	359				308					
Percentage Change		9.66%	-13.80%	8.72%				6.88%					

Clinical Waste Delivered (Tonnes)

	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
HF	41	39	34	30	21	27	3	-10.62%	32	-5	-15.20%
KC	2	2	4	3	2	2	1	-20.35%	3	-1	-20.88%
LA	2	2	2	2	1	1	1	-32.35%	2	-1	-43.85%
WA	43	53	58	60	47	63	3	4.87%	59	4	6.82%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	87	96	98	95	71	94	1	-1.52%	96	-2	-2.44%
Change		9	1	3	-	1					
Percentage Change		10.41%	1.52%	-2.74%		-1.52%					

Detritus Waste Delivered (Tonnes)

	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
HF	505	576	951	813	550	695	118	-14.51%	909	-214	-23.53%
KC	707	624	650	536	375	474	62	-11.52%	593	-119	-20.04%
LA	645	593	678	587	425	556	31	-5.29%	607	-51	-8.42%
WA	3,093	2,683	2,609	2,482	1,920	2,409	73	-2.94%	2,645	-236	-8.92%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	4,950	4,476	4,888	4,418	3,270	4,134	284	-6.42%	4,754	-620	-13.04%
Change		474	413	470	-	284					
Percentage Change		-9.58%	9.22%	-9.62%		-6.42%					

Battery Waste Delivered (Tonnes)

	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
HF	0	1	2	1	1	1	0	17.86%	-	1	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	0	-	0	0	0.00%	-	0	0.00%
WRWA	24	23	28	25	18	26	2	6.24%	27	-1	-2.65%
Total	24	23	30	25	19	27	2	6.50%	27	-0	-0.13%
Change		1	7	5		2					
Percentage Change		-3.17%	29.09%	-15.60%		6.50%					

Electrical Waste Delivered (Tonnes)

	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
HF	30	26	45	44	13	17	27	-61.66%	48	-31	-65.03%
KC	6	10	37	49	21	25	24	-48.69%	58	-33	-56.93%
LA	78	200	196	194	111	125	69	-35.36%	13	112	863.63%
WA	2	1	3	3	7	10	8	301.08%	2	8	405.36%
WRWA	875	834	858	806	557	729	77	-9.57%	790	-61	-7.76%
Total	991	1,071	1,139	1,095	711	906	189	-17.24%	911	-5	-0.56%
Change		81	67	44	-	189					
Percentage Change		8.16%	6.30%	-3.89%		-17.24%					

Fridge Waste Delivered (Tonnes)

	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
HF	48	80	93	101	75	101	0	0.05%	101	-0	-0.10%
KC	24	51	60	64	49	69	5	7.35%	63	6	9.49%
LA	78	193	207	212	139	177	36	-16.83%	117	60	50.90%
WA	46	110	128	123	81	105	19	-15.12%	131	-26	-20.21%
WRWA	84	66	59	86	56	75	11	-13.01%	88	-13	-14.97%
Total	280	500	548	587	400	526	61	-10.36%	500	26	5.16%
Change		219	48	39	-	61					
Percentage Change		78.27%	9.57%	7.12%		-10.36%					

Gas Bottle Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST	Annual		2017/2018	Budget	
					2017/2018	2017/2018	Change	Change	Budget	Change	Change
							Tonnes	Percent	Tonnes	Tonnes	Percent
HF	1	1	1	1	2	2	1	102.56%	1	1	82.31%
KC	0	1	1	0	1	1	1	172.73%	-	1	0.00%
LA	2	4	4	2	3	4	2	62.22%	3	1	31.94%
WA	1	1	3	1	1	2	1	83.79%	1	1	116.87%
WRWA	-	-	-	-	19	19	19	0.00%	-	19	0.00%
Total	4	6	9	5	25	28	23	471.13%	5	23	452.85%
Change		2	3	5		23					
Percentage Change		43.95%	47.04%	-48.73%		471.13%					

Mixed Glass Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST	Annual		2017/2018	Budget	
					2017/2018	2017/2018	Change	Change	Budget	Change	Change
							Tonnes	Percent	Tonnes	Tonnes	Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	3	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	-	3	-	-	-	-	-	0.00%	-	-	0.00%
Change		3	-	3		-					
Percentage Change			-100.00%								

Inert Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST	Annual		2017/2018	Budget	
					2017/2018	2017/2018	Change	Change	Budget	Change	Change
							Tonnes	Percent	Tonnes	Tonnes	Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	2	-	-	2	-100.00%	3	-	-100.00%
LA	-	2	13	10	-	-	10	-100.00%	12	-	-100.00%
WA	-	1	12	4	23	23	18	412.11%	6	17	280.67%
WRWA	431	790	830	1,061	934	1,075	14	1.33%	1,286	-	-16.43%
Total	431	794	855	1,076	957	1,098	21	1.97%	1,307	-	-16.03%
Change		363	62	221		21					
Percentage Change		84.13%	7.78%	25.83%		1.97%					

Oil/Paint Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST	Annual		2017/2018	Budget	
					2017/2018	2017/2018	Change	Change	Budget	Change	Change
							Tonnes	Percent	Tonnes	Tonnes	Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	0	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	1	-	-	-	0	0	0	0.00%	-	0	0.00%
WRWA	21	10	9	17	12	16	1	-3.25%	18	-	-9.48%
Total	23	10	9	17	12	16	1	-3.13%	18	-	-9.37%
Change	-	13	-	8	-	1					
Percentage Change		-55.67%	-9.60%	86.28%		-3.13%					

Paper/Cardboard Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST	Annual		2017/2018	Budget	
					2017/2018	2017/2018	Change	Change	Budget	Change	Change
							Tonnes	Percent	Tonnes	Tonnes	Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	7	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	249	281	255	321	375	552	231	72.05%	108	444	411.30%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	626	590	713	806	661	886	80	9.97%	807	79	9.81%
Total	882	871	968	1,127	1,036	1,438	312	27.66%	915	523	57.20%
Change	-	11	97	159		312					
Percentage Change		-1.23%	11.12%	16.42%		27.66%					

Scrap Metal Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE	FORECAST	Annual		2017/2018	Budget	
					2017/2018	2017/2018	Change	Change	Budget	Change	Change
							Tonnes	Percent	Tonnes	Tonnes	Percent
HF	-	5	8	11	10	16	5	43.02%	6	10	158.87%
KC	0	1	3	1	1	1	0	-6.52%	1	0	-14.00%
LA	95	114	128	150	97	120	30	-20.16%	2	118	5891.72%
WA	0	-	-	0	1	1	1	712.50%	-	1	0.00%
WRWA	469	487	573	697	529	707	10	1.37%	732	-	-3.42%
Total	564	608	711	859	638	845	15	-1.74%	741	104	13.97%
Change		44	103	148	-	15					
Percentage Change		7.86%	16.99%	20.80%		-1.74%					

Textile Waste Delivered (Tonnes)

Annual	2017/2018	Budget
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Appendix B

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE 2017/2018	FORECAST 2017/2018	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	203	178	204	209	155	200	-9	-4.46%	228	-28	-12.32%
Total	203	178	204	209	155	200	-9	-4.46%	228	-28	-12.32%
Change	-	25	26	5	-	9					
Percentage Change		-12.33%	14.88%	2.49%		-4.46%					

Tyre Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE 2017/2018	FORECAST 2017/2018	Change Tonnes	Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	0	0	1	0	0	0	-0	-83.33%	-	0	0.00%
KC	0	0	-	0	0	0	-0	-71.43%	1	-1	-88.00%
LA	16	14	11	8	9	11	3	31.18%	9	2	23.01%
WA	5	2	1	2	1	2	-0	-13.46%	2	-0	-1.35%
WRWA	-	-	0	-	-	-	-	0.00%	-	-	0.00%
Total	22	16	13	11	10	13	2	16.74%	12	1	9.93%
Change	-	5	3	1		2					
Percentage Change		-24.93%	-21.19%	-11.16%		16.74%					

Wood Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE 2017/2018	FORECAST 2017/2018	Change Tonnes	Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	1	1	1	0.00%	-	1	0.00%
LA	217	456	366	273	192	238	-35	-12.76%	-	238	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	2,725	2,860	3,022	3,223	2,479	3,231	7	0.23%	3,442	-211	-6.14%
Total	2,942	3,316	3,387	3,496	2,671	3,469	-27	-0.77%	3,442	27	0.79%
Change		373	72	109	-	27					
Percentage Change		12.68%	2.16%	3.21%		-0.77%					

Total Waste Delivered (Tonnes)

	2013/2014	2014/2015	2015/2016	2016/2017	TO DATE 2017/2018	FORECAST 2017/2018	Change Tonnes	Change Percent	2017/2018 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	73,236	73,915	74,234	73,236	54,140	71,186	-2,050	-2.80%	73,881	-2,695	-3.65%
KC	78,879	79,110	79,068	77,613	58,434	76,839	-774	-1.00%	77,636	-797	-1.03%
LA	116,207	115,284	114,046	113,172	85,082	112,125	-1,047	-0.93%	113,274	-1,149	-1.01%
WA	100,264	100,766	102,539	102,442	76,142	100,521	-1,920	-1.87%	103,285	-2,764	-2.68%
WRWA	22,072	22,096	21,778	22,277	17,170	21,832	-445	-2.00%	22,632	-800	-3.53%
Total	390,658	391,171	391,665	388,741	290,968	382,504	-6,237	-1.60%	390,708	-8,204	-2.10%
Change		513	494	2,924	-	6,237					
Percentage Change		0.13%	0.13%	-0.75%		-1.60%					

Local Authority Collected Waste (Tonnes)	Forecast after	9	months of	2017/2018		Printed	18/01/2018 10:47			
		HF	KC	LA	WA	HWRC	Total	Share	Adjusted for Contamination	Share
Co-Mingled Recyclables		11,279	15,960	20,142	19,964	393	67,736	18%	57,790	15%
Detritus Waste		695	474	556	2,409	-	4,134	1%	4,134	1%
General Waste		58,842	59,884	89,819	77,371	11,267	297,184	78%	307,130	80%
Green Waste		207	423	380	572	3,209	4,792	1%	4,792	1%
Wood Waste		-	1	238	-	3,231	3,469	1%	3,469	1%
Other Waste		163	98	990	206	3,733	5,190	1%	5,190	1%
TOTAL WASTE		71,186	76,839	112,125	100,521	21,832	382,504	100%	382,504	100%
Co-Mingled Contamination		1,595	2,027	3,307	2,958	58	9,946			

Local Authority Collected Waste (£)									Adjusted for Contamination	
	£/T	HF	KC	LA	WA	HWRC	Total	Share	Share	
Co-Mingled Recyclables	26.00	293,246	414,951	523,680	519,052	10,209	1,761,138	4%	1,761,138	4%
Detritus Waste	74.00	51,440	35,089	41,136	178,262	-	305,927	1%	305,927	1%
General Waste	146.30	8,608,644	8,760,985	13,140,591	11,319,398	1,648,339	43,477,959	94%	44,933,096	94%
Green Waste	83.50	17,288	35,338	31,741	47,746	267,982	400,095	1%	400,095	1%
Wood Waste	111.50	-	60	26,542	-	360,222	386,824	1%	386,824	1%
Other Waste		23,465	6,183	5,006	47,894	15,943	98,492	0%	98,492	0%
SUB-TOTAL COST		9,227,459	9,549,179	14,252,570	12,545,170	2,311,194	46,430,434	100%	47,885,571	100%
Co-Mingled Contamination	146.30	233,375	296,573	483,874	432,817	8,499	1,455,138			
TOTAL COST							47,885,571			

Local Authority Collected Waste (Tonnes) Adjusted for Contamination	Forecast after		9 months of		2017/2018		18/01/2018 10:47	
		HF	KC	LA	WA	HWRC	WRWA	
Co-Mingled Recyclables		9,684	13,932	16,834	17,005	335	57,790	
Detritus Waste		695	474	556	2,409	-	4,134	
General Waste		60,438	61,911	93,127	80,330	11,325	307,130	
Green Waste		207	423	380	572	3,209	4,792	
Wood Waste		-	1	238	-	3,231	3,469	
Other Waste		163	98	990	206	3,733	5,190	
TOTAL WASTE		71,186	76,839	112,125	100,521	21,832	382,504	

Local Authority Collected Waste (Tonnes) Other Estimated Adjustments	Forecast after		9 months of		2017/2018		18/01/2018 10:47	
		HF	KC	LA	WA	HWRC	WRWA	
HWRC Recycling Tonnage assigned to Councils		1,015	1,280	1,383	1,714	-5392		
Mixed Food & Garden Waste				4,500			4,500	
Other Third Party Recycling		350	250	2050	500		3,150	
TOTAL Local Authority Collected Waste		72,551	78,369	120,058	102,736	16,440	390,154	

Household Waste Data from Waste DataFlow	Forecast after		2 Quarters of		2017/2018		18/01/2018 10:47	
							* Allocated to Consituent Councils	
		HF	KC	LA	WA	HWRC	WRWA	
Residual Household Waste		36,303	39,187	60,809	75,065	16,440	227,804	
HH Dry Recycling Tonnage		10,504	12,351	19,298	18,978	*	61,132	
HH Compost Tonnage		921	1,401	6,413	1,700	*	10,435	
Total Household Waste		47,729	52,939	86,520	95,743	16,440	299,371	
HH Waste Sent for Recycling or Composting		11,425	13,752	25,711	20,678	*	71,567	
Non-Household Residual Waste		24,134	22,724	32,318	5,265	-	84,441	
Non-Household Recycling & Composting		688	2,706	1,220	1,728	-	6,342	
Total Non-Household Waste		24,823	25,430	33,538	6,993	-	90,784	
Total Local Authority Collected Waste		72,551	78,369	120,058	102,736	16,440	390,154	

Demographics	Forecast after		9 months of		2017/2018		18/01/2018 10:47	
		HF	KC	LA	WA	HWRC	WRWA	
Population		179,654	156,726	327,910	316,096	980,386	980,386	
Number of Households		86,460	88,530	139,250	140,850	455,090	455,090	
Persons per Household		2.08	1.77	2.35	2.24	2.15	2.15	
HH Waste per HH (kg/week)		10.6	11.5	11.9	13.1	0.7	12.7	
Residual HH Waste per HH (kg/week)		8.1	8.5	8.4	10.2	0.7	9.6	
Recycled/Composted HH Waste per HH (kg/week)		2.5	3.0	3.6	2.8	*	3.0	
HH Waste per Resident (kg/week)		5.1	6.5	5.1	5.8	0.3	5.9	
Residual HH Waste per Resident (kg/week)		3.9	4.8	3.6	4.6	0.3	4.5	
Recycled/Composted HH Waste per Resident (kg/week)		1.2	1.7	1.5	1.3	*	1.4	

Recycling Performance	Forecast after		9 months of		2017/2018		18/01/2018 10:47	
		HF	KC	LA	WA	HWRC	WRWA	
HH Dry Recycling %		22.0%	23.3%	22.3%	19.8%	*	20.4%	
HH Compost %		1.9%	2.6%	7.4%	1.8%	*	3.5%	
HH Recycling/composting %		23.9%	26.0%	29.7%	21.6%	*	23.9%	
Municipal Recycling/composting %		16.7%	21.0%	22.4%	21.8%	*	20.0%	

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Planning Service
Wandsworth Council,
Environment and Community Services Directorate,
The Town Hall,
London,
SW18 2PU

7th December 2017

Dear Ms Molloy,

CONSULTATION RESPONSE ON BEHALF OF WESTERN RIVERSIDE WASTE AUTHORITY TO AMENDED PLANNING APPLICATION 2017/0580 AT THE B&Q DEPOT, SMUGGLERS WAY

We write on behalf of our client – the ‘Western Riverside Waste Authority’ (WRWA) – with comments and observations on the amended planning proposals for the redevelopment of the B&Q Depot site (Planning Application ref: 2017/0580).

On behalf of the WRWA, we submitted comments to the application on 13th April 2017 under the following headings; design and layout, transport, noise, air quality and odour, lighting and daylight and sunlight.

It is important to set the WRWA's response in the context of understanding its statutory duties and the policy status of its facility at Smugglers Way, and we do this first before indicating the extent to which the proposed changes satisfactorily address all of the points raised by the WRWA.

Western Riverside Waste Authority (WRWA)

The WRWA was established in 1986 as an autonomous statutory local government body to undertake the waste disposal functions prescribed by the Local Government Act 1985 and the Waste Regulations and Disposal (Authorities) Order 1985. WRWA is responsible for managing the waste collected in the London Boroughs of Hammersmith & Fulham, Lambeth, Wandsworth and the Royal Borough of Kensington and Chelsea.

WRWA and its constituent councils are responsible for the collection, recycling, composting and treatment of around 400,000 tonnes per annum of household and commercial waste generated within their boundaries. 250,000 tonnes of this material is handled each year through WRWA's waste management site on Smugglers Way and WRWA's contractor, Cory Riverside Energy, directly manages a further 20,000 tonnes of commercial waste year through the site each year.

The waste management site on Smugglers Way is identified as a Safeguarded Wharf ‘Western Riverside Waste Transfer Station’ by the Mayor of London and protected through the relevant policies within the London Plan. The site is also protected by adopted policies PL7 and PL9 within LB Wandsworth's Core Strategy. These policies collectively protect the site and ensure that development adjacent to the site should incorporate adequate mitigation measures, so as to not constrain the wharf's operations or allow it to become a nuisance to neighbouring commercial or residential occupiers. The Draft London Plan which is currently out to public consultation reiterates this approach.

The WRWA notes the adopted policy supporting the redevelopment of the B&Q Depot site and does not object in principle.

WRWA's response to revised proposals

The WRWA has reviewed the revised proposals submitted on 9th October and 10th November.

The WRWA still has a number of concerns with the revised proposals and given the applicants inability to satisfactorily address these, we confirm that the WRWA objects formally to this proposal.

We set out below the basis of the WRWA's objection and for ease of reference, we have used the same headings contained in the previous submission.

1. Design and Layout

The revisions to the layout of the proposals still retain the key north south pedestrian route through the site that aligns directly with the entrance to the WRWA's household facility.

As previously outlined within the first detailed consultation response two buildings are proposed on the edge of the sight and desire line. This arrangement results in pedestrians walking north looking into the entrance to the household facility albeit with some trees and planting to screen this view, and pedestrians walking south from the river will look straight at a building (plot B1). Instead of opening up a strong view and desire line by aligning with the existing walkway to/from the river, the masterplan proposals close down an important view. It is still considered that the two buildings that impact on this route should be moved eastwards so that a strong north-south desire and sight line can be achieved.

Although the benefit of a strong desire and sight line through the scheme is understood, this unfortunately leads to conflict because this occurs at a focal point at the intersection of Smugglers Way, the Thames Path, the site, the edge of the WRWA's facility and the edge of the Riverside West. The greatest problem is that the focal point of the scheme occurs directly opposite the entrance to the household facility. Instead of being an opportunity, it is considered a badly designed and laid out space with potential for conflict. Again, the solution is to move the space slightly further eastwards and also set the buildings back.

The WRWA is not opposed to the principle of tall buildings on the proposed site. However, the tallest buildings with balconies are designed to be next to and overlook the WRWA's facility. At times, the WRWA can generate noise, emit odour and give off light in such a way that it could cause a nuisance to residents if they directly overlook an operational facility. The appropriate mitigation is for the taller blocks to be located furthest away from the facility so the potential for disturbance and loss of amenity is minimised.

In summary, following the receipt of the amended documentation and drawings the WRWA is still concerned that the proposals seeks approval of taller buildings directly overlooking and facing the WRWA's facility, and that the alignment of the open space through the site will lead to conflict with the entrance to the household facility. The WRWA objects on design grounds to the proposals.

2. Transport

As previously outlined in our earlier consultation response in April the WRWA's facility comprises two elements – a municipal waste facility and a Household Waste and Recycling Centre. The latter is busiest at weekends as this is the more convenient time for residents to visit and is open from 8am-6pm on Saturdays and 8am-5pm on Sundays. It can be very busy at these times and traffic sometimes queues along Smugglers Way as vehicles wait to enter the WRWA facility. This further supports the WRWA's concerns about the route through the scheme and the potential for conflict on Smugglers Way between vehicles, cyclists and pedestrians.

Unfortunately, the Transport Assessment submitted to support the planning application was undertaken on Wednesday 8th June 2016 during the morning peak (7am – 10am) and afternoon peak (4pm – 7pm). Although these times were agreed with London Borough of Wandsworth and TfL, we consider that additional surveys should have been undertaken to assess the facility for a longer period of time in the afternoon before the facility closes and at the weekend when the Household Waste and Recycling Centre is at its busiest. The WRWA

insists that the Transport Assessment is updated to include surveys starting at 2pm on more than one midweek afternoon and on both days of the weekend to properly capture flows to and from the facilities.

The WRWA continues to support the reduction in vehicles parking on the B&Q Depot site and the implications for vehicle movements on Smugglers Way. However, it is felt that there is an under provision of car parking for the commercial/mixed-use units could result in vehicle owners parking illegally within the surrounding road network, thus making it difficult for larger vehicles to manoeuvre along Smugglers Way which could lead to further traffic congestion.

Finally, we would like to reiterate that special consideration should be given to the WRWA facility throughout the demolition/construction phases of the development. These works should not exacerbate the existing traffic congestion within the immediate area which could undermine the day-to-day operational efficiency of the facility.

3. Noise

As previously outlined the Safeguarded Wharf Report identifies that the WRWA facility is predicted at worst to contribute towards a 0 to 3dB increase in noise level within limited northern areas of the B&Q site. The report notes that a 0 to 3dB increase in noise level is determined to be of a 'negligible minor adverse impact' when judged against key benchmarks that relate to human perception of sound. As such, the Safeguarded Wharf Report concludes that the proposed mitigating measures will mean that the WRWA facility would not cause a nuisance to the future residents.

The acoustic assessment predicts that the level of daytime noise experienced from the frontage plots along Smugglers Way would be more than 65dB but less than 70dB during day time hours, and more than 55dB but less than 60dB during night time. The increase of up to 3dB is against this backdrop.

The WRWA considers this conclusion is not robust. Smugglers Way will be a source of considerable noise and with private balconies, winter gardens and a raised communal amenity deck with children's play space located directly opposite or within close proximity of the facility, the WRWA considers that for some residents, this increase in noise could undermine their enjoyment of these spaces. As such, the assertion that this increase in noise would not be material is not reasonable. As noted, the facility operates at weekends when residents are more likely to be at home and the facility is at its busiest, and therefore the potential for disturbance is greatest.

We support the inclusion of winter gardens in buildings A1 to A3. This change will provide the appropriate level of acoustic protection to residents of these blocks. The WRWA proposes that winter gardens should be provided to building B1 also.

The WRWA acknowledges the positive effects of some of the proposed design changes, however it remains concerned at the location of residential buildings with balconies/winter gardens and an amenity deck directly facing an operational facility. It is important that all reasonable steps are taken to protect the amenity of residents and the WRWA does not consider the proposals achieve appropriate noise mitigation.

4. Air Quality and Odour

The Environmental Statement and Safeguarded Wharf Report detail that sniff tests were carried out on 4 different dates (4th Oct, 27th Oct, 24th Nov & 22th Dec 2016) at 7 locations for 5 minute intervals. Additional odour surveys have since been undertaken on warmer days during the summer of 2017 and have been documented within the 'Technical note: Odour survey around proposed development site at B&Q Wandsworth' prepared by Quod. We appreciate that these sniff tests only provide a snapshot and that the Refuse Collection Vehicles (RCVs) are considered to be the main source of odour, rather than the WTS facility. However, the RCVs are still associated with the operations of the WTS and odour complaints from local residents have been made against the facility in the past. Residents of the development will be able to smell the RCVs in the public areas of the scheme and from balconies.

We support the inclusion of winter gardens in buildings A1 – A3. However, we also propose the inclusion of winter gardens in building B1 which is also within the immediate proximity of the WTS.

We acknowledge that a centralised mechanical ventilation system will serve the residential units and mean that natural ventilation requirements is not relied upon. The submitted documentation does not confirm that the system will serve all of the residential units, this should be clarified. This is an essential mitigation measures to ensure that residential uses can face the facility.

It is essential that details of all mitigation measures are identified and made clear so that the authority can satisfy itself that residential can be located opposite the facility.

5. Lighting

The lighting assessment within the Safeguarded Wharf Report acknowledges that three floodlights illuminate the facility when it is closed and that these are not considered to cause a nuisance to future residents and occupiers of the development.

The WRWA is concerned at the reliability of this assessment which was not been undertaken when it is dark and additional lighting is on when the facility was still in operation, especially in winter months when the facility is operating from 6am-10pm. As this has not been included in the lighting assessment, the submitted material is not robust. The WRWA requests that additional lighting assessments are undertaken of the whole facility, including an assessment during winter months, to allow robust consideration of the site's relationship to its neighbours. As the shortest day of the year is almost upon us, the WRWA considers that this assessment could be completed now.

The WRWA requests that should changes be required to the facility's existing lighting arrangements as a result of these proposals being approved and built, the changes should be funded by the applicant.

6. Daylight/Sunlight

The B&Q Depot site is situated immediately to the south of the safeguarded wharf site. The scale and massing of the proposed development (up to 15 storeys) would overshadow parts of the WRWA site, albeit we note that the BRE Guidance does not apply to this land use. However, the proposed massing could prejudice the future redevelopment of the Feather's Wharf or WRWA site for commercial or residential proposals. The WRWA's facility at Cringle Dock (Nine Elms) has been included within a residential-led mixed-use development at Battersea Power Station and it is important for the WRWA that it is able to maximise the value of its estate and ensure its operational efficiency.

The WRWA wishes to ensure that the development potential of the facility at Smugglers Way is not prejudiced by these proposals.

The WRWA proposes that the massing should be reduced at this point, subject to further consideration of daylight and sunlight, in order to safeguard the development potential of its site.

Conclusion

In principle the WRWA does not object to the redevelopment of the B&Q Depot site. Although a number of improvements to the scheme have been made such as the inclusion of winter gardens to blocks A1 – A3, the WRWA is still concerned at a number of elements of the amended proposal.

The WRWA considers that there are elements of the proposal which are likely to constrain its future operations and as such, the proposals are still in conflict with policies 5.17 and 7.26 of the London Plan and Policies PL7 and PL9 of Wandsworth's Core Strategy.

For the reasons set out in this letter, WRWA must register its continued objection to this planning application.

The WRWA has identified further assessments and alterations that should be undertaken and these have been detailed within the body of this letter.

Finally, it will be important that as part of any agreement, any future purchaser or occupier is made aware of the WRWA facility and to the odours and noises that the facility can produce prior to purchasing or occupying any residential or commercial unit.

Please do not hesitate to contact me should you require any additional information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Nick Taylor', enclosed within a thin black rectangular border.

Nick Taylor

Partner

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