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| ITEM 3 |
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Paper No. WRWA **20-16**

WESTERN RIVERSIDE WASTE AUTHORITY

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| MEETING | 29 th September 2020 | | | | | | | | | | | | | | | | |
| REPORT AUTHOR/DATE | General Manager (Contact Mark Broxup - Tel. 020 8871 2788) 21 st September 2020 | | | | | | | | | | | | | | | | |
| SUBJECT | A Report outlining progress with operations and other matters since the previous meeting of the Authority. | | | | | | | | | | | | | | | | |
| CONTENTS | <table> <tr> <td>Page 1</td><td>Executive Summary</td></tr> <tr> <td>Pages 1 to 18</td><td>Items reported on</td></tr> <tr> <td>Page 18</td><td>Recommendation</td></tr> <tr> <td>Page 19</td><td>Appendix A – Photos of a new Cory Barge</td></tr> <tr> <td>Pages 20- 29</td><td>Appendix B – Performance Monitoring</td></tr> <tr> <td>Pages 30-31</td><td>Appendix C – Letter from the Chair of the London Waste and Recycling Board</td></tr> <tr> <td>Page 32</td><td>Appendix D – Technical Drawing of Cringle Dock Transfer Station</td></tr> <tr> <td>Pages 33-36</td><td>Appendix E - Schedule 18 of S106 (Cringle Dock T.S)</td></tr> </table> | Page 1 | Executive Summary | Pages 1 to 18 | Items reported on | Page 18 | Recommendation | Page 19 | Appendix A – Photos of a new Cory Barge | Pages 20- 29 | Appendix B – Performance Monitoring | Pages 30-31 | Appendix C – Letter from the Chair of the London Waste and Recycling Board | Page 32 | Appendix D – Technical Drawing of Cringle Dock Transfer Station | Pages 33-36 | Appendix E - Schedule 18 of S106 (Cringle Dock T.S) |
| Page 1 | Executive Summary | | | | | | | | | | | | | | | | |
| Pages 1 to 18 | Items reported on | | | | | | | | | | | | | | | | |
| Page 18 | Recommendation | | | | | | | | | | | | | | | | |
| Page 19 | Appendix A – Photos of a new Cory Barge | | | | | | | | | | | | | | | | |
| Pages 20- 29 | Appendix B – Performance Monitoring | | | | | | | | | | | | | | | | |
| Pages 30-31 | Appendix C – Letter from the Chair of the London Waste and Recycling Board | | | | | | | | | | | | | | | | |
| Page 32 | Appendix D – Technical Drawing of Cringle Dock Transfer Station | | | | | | | | | | | | | | | | |
| Pages 33-36 | Appendix E - Schedule 18 of S106 (Cringle Dock T.S) | | | | | | | | | | | | | | | | |
| STATUS | Open | | | | | | | | | | | | | | | | |
| BACKGROUND PAPERS | None | | | | | | | | | | | | | | | | |

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EXECUTIVE SUMMARY

1. This paper brings Members up to date on operational and other matters which, in themselves, do not warrant the 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 and summarised at the end. The specific matters covered in this report are:-
 - a) Operations
 - b) Performance Monitoring
 - c) European Union Settlement Scheme
 - d) Annual Report
 - e) WRWA communications
 - f) Environment Bill 2019-2021
 - g) Wandle Delta Masterplan
 - h) Waste Management Plan for England
 - i) Policy Connect – No Time to Waste
 - j) Heat Take Off from the Belvedere EfW Facility
 - k) Cory Community Fund
 - l) Cringle Dock Transfer Station
 - m) Constituent Council New Recycling Initiatives
 - n) Brexit Transition
 - o) Riverside Energy Plant
 - p) 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. Cory Riverside Energy (CRE) took delivery of five new barges on 19th August 2020, a photo is attached as Appendix A for Members' information. CRE have procured for the supply of 35 new barges in total to replace the majority of the current fleet over the next six to seven years. These will consist of either 20 box barges for the Cringle Dock operation or 30 box barges for Smugglers Way. Priority is being given to the production of the 20 box barges as the 'Cringle Fleet' require replacement the most. A further five are currently in production that are due for delivery by late February

2021. Fourteen 20 box barges are being built in Belgium and the remaining 21 (20 and 30 box barges) in Newcastle upon Tyne.

MRF Fire

4. On 10th August 2020, at 7:20pm, a fire was detected in the grab crane and the main bunker in the Materials Recycling Facility ('MRF'). The fire systems were triggered and the site was evacuated. Water cannons were activated and the fire was extinguished quickly and before the arrival of the London Fire Brigade (LFB). The LFB assessed the fire with thermal cameras and deemed the site safe at 7:45 pm. Following a clear-up operation, the MRF was running normally within 6 hours. An investigation is underway to establish the cause of the fire.

COVID-19 – IMPACT OF COVID-19 ON THE AUTHORITY'S OPERATION AND SERVICES

5. Since the report to the last Authority meeting (Paper No. WRWA 20-11) the following provides an update on the impact of Covid 19 on the Authority's Operations and Services.

WRWA Team

6. The Authority's staff are mainly home working, but with a maximum of three officers attending the office at any one time as and when required. This arrangement will be sustained until 31st December in order to safeguard that the whole team do not become infected with Covid 19 at the same time which would have a dire effect on the Authority's business; this will be reviewed again in the New Year.
7. The Education Team, who are employed on a part-time, term-time only basis, have been on Summer recess and returned to work on 2nd September 2020, since when they have been contacting schools offering outreach visits and virtual site tours. Risk Assessments have been prepared to safeguard the team when they are carrying out visits in schools.
8. Since the introduction of the lockdown, the Education Room at Smugglers Way has been used by the MRF staff to take welfare breaks to facilitate social distancing in the existing welfare facilities. Cory has requested that this arrangement continues until at least the end of November to assist with maintaining social distancing and to keep the risk of Covid 19 transmission low. The operation of the main service is the priority and, as the Schools Education programme can temporarily be carried out

exclusively in schools, officers have agreed to Cory's request but will review the decision at the end of November.

9. Cory has also requested that the Authority do not arrange any adult visits to Smugglers Way as they feel this is an unnecessary risk to their staff given the current increasing numbers of Covid 19 cases emerging at the time of writing but they will also review this decision at the end of November.

CRE Operations

10. Since the last Authority meeting there has been no impact on the services operated by CRE as a result of the Covid 19 pandemic.

Second Wave Contingency Planning

11. CRE has reviewed their Employee Absence Contingency Plan in readiness for a possible second peak in Covid-19 cases and the Contingency Plan in the event of an emergency should there be a need to close either of the transfer stations is reviewed regularly. Covid Risk Assessments that outline mitigation measures to reduce the spread of Covid at their sites are also in place and Cory has also prepared a number of Covid information posters and guides for their staff that can be found on their website here <https://www.coryenergy.com/covid-19/covid-19-materials/>

The Household Waste and Recycling Centre

12. Since the last Authority meeting the Household Waste and Recycling Centre has been operating normally, with the exception of the social distancing rules in place requiring residents to reverse into the parking bays (allowing only the driver to exit the vehicle so all residents are separated from each other by their cars) and with special measures in place for those visitors who needed a passenger to assist in carrying a heavy item. Residents are generally following the social distancing rules, but operations remain under review.

Booking Systems

13. At the last Authority meeting, it was reported that some waste disposal authorities and unitary councils had introduced booking systems to manage site usage when reopening their HWRC's following the Covid 19 lockdown closures and Officers were tasked with investigating the feasibility of introducing a booking system for residents to use the centre in Smugglers Way. A separate report, Paper No. WRWA 20-20, has been prepared that is elsewhere on this agenda.

PERFORMANCE MONITORING

Introduction

14. Detailed performance monitoring is shown in 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;

Points to Highlight

15. Whilst General Waste (the residual waste that cannot be reused or recycled and is sent for energy recovery) accounts for around 76% of the delivered waste stream, it accounts for almost 93% of the Authority's waste disposal costs after allowing for the treatment of the contamination within the co-mingled recycling. By comparison co-mingled recycling represents 20% of the delivered tonnage, but only accounts for 4% of the Authority's costs.

16. From tonnage data to date we are predicting a 2.1% reduction in total waste handled by the Authority in 2020/21 from that budgeted for and a 3.1% decrease in General Waste. All the predictions are only based on the actual tonnage up until 31st August 2020, and are distorted due to the impact on Covid-19 on the tonnages during the first quarter of 2020/21.

17. The predictions for General Waste vary significantly across the constituent councils; decreases are predicted for Hammersmith & Fulham at 0.5%, Kensington and Chelsea at 23.9% and Lambeth at 1.3%, whilst Wandsworth has a predicted increase of 7.6%. The loss of commercial waste in Kensington and Chelsea has impacted significantly and the effect of the lockdown with more residents being at home has caused a significant increase in household waste in Wandsworth. Hammersmith & Fulham and Lambeth tonnages appear to have balanced out due to the reductions in the amount of commercial waste collected, but with increases in household waste due to more residents being at home.
18. The predicted tonnages of co-mingled recycling also vary significantly across the four boroughs, with increases for Hammersmith & Fulham at 8.1%, Lambeth at 18.4% and Wandsworth at 19.0%. Kensington and Chelsea, however, is currently forecast to have a decrease of 25.8%.
19. The forecast for the Household Waste and Recycling Centre is distorted because of the closure of the facility in April and May 2020 due to the lockdown and currently predicts a reduction in total waste of 20.8% and a reduction in General Waste of 15.3%.

EUROPEAN UNION SETTLEMENT SCHEME

20. During discussion at the previous Authority meeting members asked what support and advice employees working in the Materials Recycling Facility (MRF) were receiving with respect to the European Union Settlement Scheme and asked officers to provide an update.
21. ALS, Cory Riverside Energy's subcontractor for the MRF, engaged with all workers in January 2020 to advise them of the changes and what actions they needed to take to apply for Settled Status. ALS have also had posters up on the walls for six months regarding the application procedure and have written directly to staff offering them assistance, via their account management team, if they are struggling to apply directly.
22. A survey in March 2020 revealed that 50% of all the then current workers were already registered and accepted as having Settled Status, with a further 25% waiting on the outcome of their applications. The remaining 25% indicated they were going to apply.

23. The deadline for applications is 30th June 2021 and officers will ask Cory/ALS for an update in the New Year.

ANNUAL REPORT

24. Members asked how many times the 2018/19 Annual Report had been downloaded from the Authority's website. Unfortunately that specific information is not available, but the page that hosts it has had 247 unique page views since 1st October 2019.

WRWA COMMUNICATIONS

London-Wide Waste Prevention Campaign

25. A letter, attached as Appendix C to this report, was received from the Chair of the London Waste and Recycling Board (LWaRB), Dr Liz Goodwin, in response to a letter from the Authority asking that LWaRB consider developing and running a London-wide waste prevention campaign.

ENVIRONMENT BILL 2019-2021

26. As instructed by the Authority (Paper No WRWA 20-14), on 26th August 2020 officers submitted to the Public Bill Committee evidence in respect of the Environment Bill 2019-20, highlighting that the Bill does not address what the terms 'recycling' and 'recyclable' mean and associated issues with Section 48(2) of the Environmental Protection Act 1990. Further information on the progress of the Bill is available [here](#).

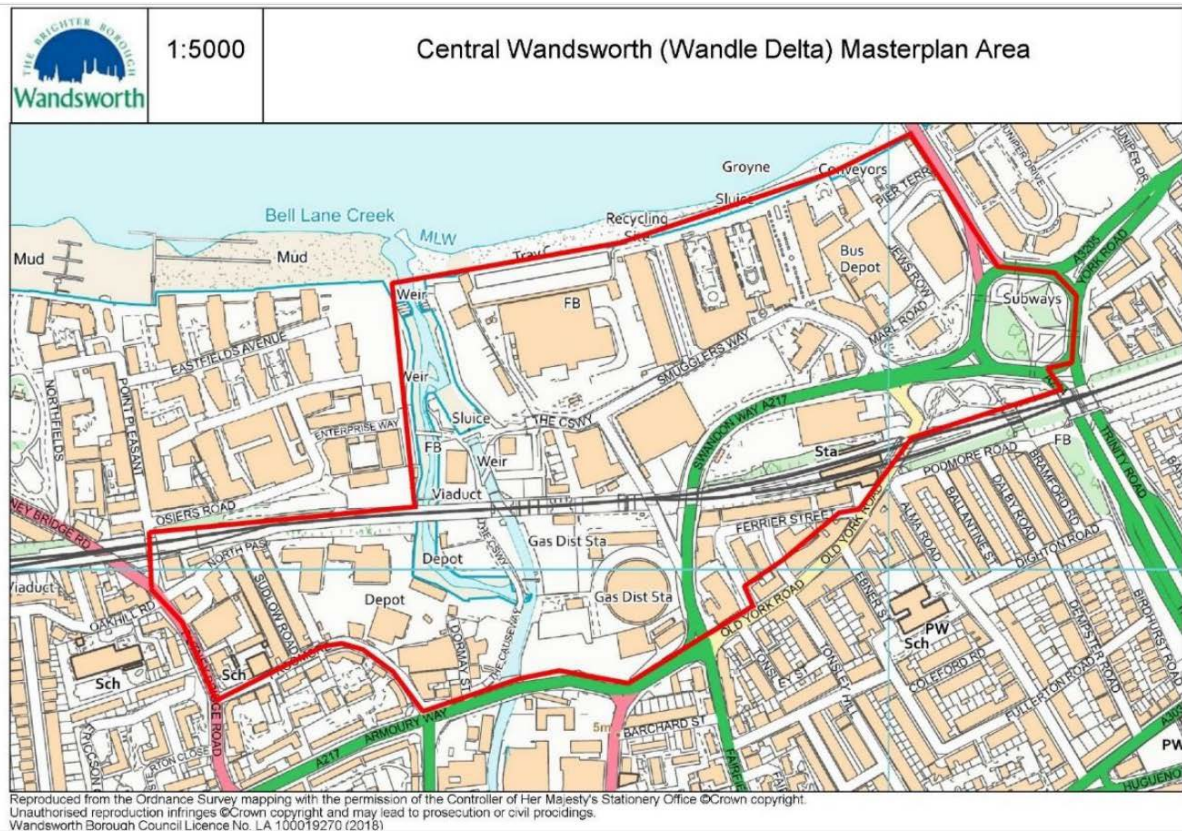
WANDLE DELTA MASTERPLAN

27. Wandsworth Council is currently preparing a Supplementary Planning Document (SPD) to guide the development of the area to the north of Wandsworth Town Centre, see Plan 1 opposite, which will:

- identify how to take forward the comprehensive redevelopment of a number of sites lying to the north of Wandsworth Town Centre and south of the River;

- define guidelines which set basic parameters for the future development of the area;
- look at the connectivity both between these sites and with adjacent areas; and
- consider what design and infrastructure requirements and improvements are required, with a particular emphasis on maximising employment while also contributing to the Council's housing target.

Plan 1



28. The core study area is the land to the north of Armoury Way, as shown on Plan 1 above, and a number of key sites are being considered as part of the SPD process which include the Authority's facilities on Smugglers Way and Feathers Wharf.
29. Production of the masterplan commenced in November 2019 and there was an initial consultation stage in January/February 2020, followed by a Stakeholder Test and Review workshop on 26th August 2020, both of which officers attended. At the workshop some ideas on how Feathers Wharf might be developed and some other long term opportunities for the area were shared as shown in Plans 2 and 3 overleaf.

30. Statutory Consultation of the draft SPD is expected early in 2021, with adoption planned for Spring 2021.

Plan 2



Feathers wharf cluster

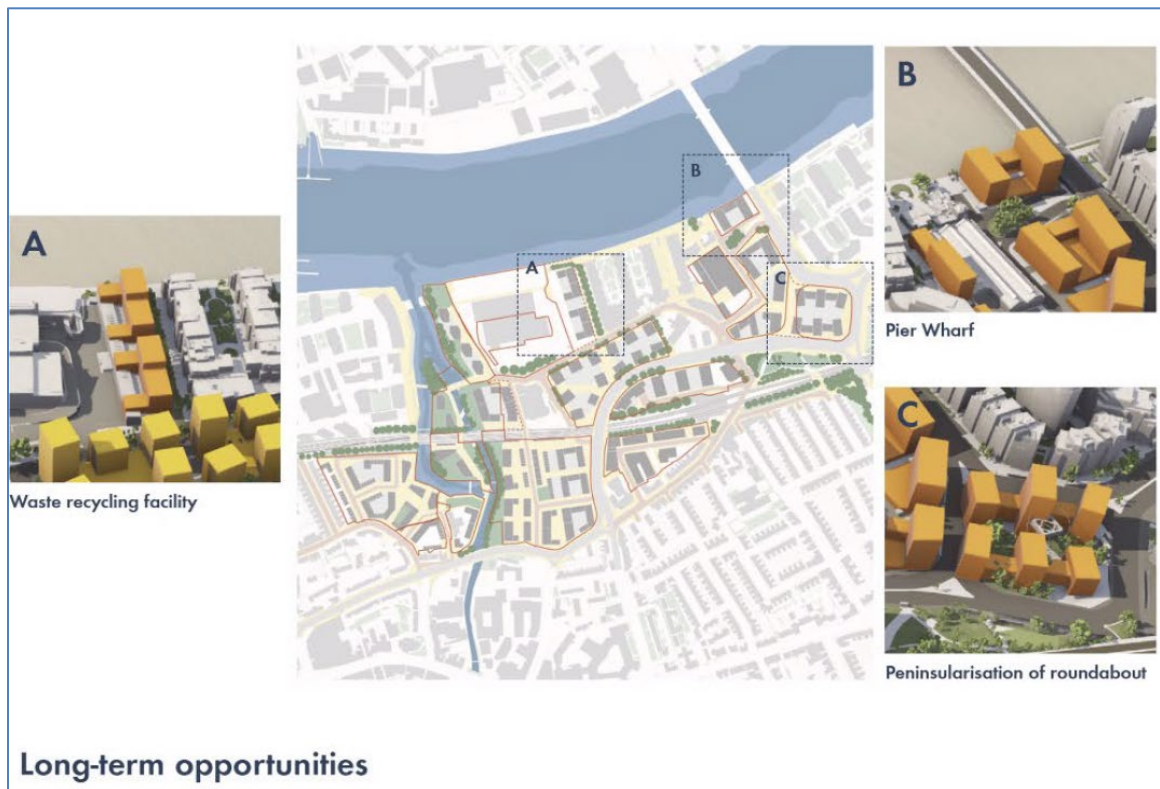
Principles

- mix of uses and typologies
- new linear park along Wandle
- Feathers Wharf pocket park
- district heat network
- open crossing over waste transfer station
- restore railway arches

Illustrative example estimated capacity

| Feathers Wharf | Smugglers Way |
|---------------------------|----------------------------------|
| • 470 homes (600 dph) | • 350 homes (180 dph) |
| • 10-20 storeys | • 2-15 storeys |
| • 2,000m ² F&B | • 3,000m ² work-space |



Plan 3**WASTE MANAGEMENT PLAN FOR ENGLAND**

31. Under the Waste (England and Wales) Regulations 2011 the Government is required to review the Waste Management Plan for England every six years. The content of the Plan is determined by the requirements of Schedule 1 to the Waste (England and Wales) Regulations 2011.

32. The Government is consulting on the plan but, as it is simply a compilation of existing waste management information and policies and does not introduce any new waste management measures, the scope of the consultation is limited to asking if:

- the Plan meets the requirements of the regulations;
- the associated Environmental Report identifies, describes and evaluates the likely significant effects on the environment of implementing the Plan; and
- whether there are any additional burdens arising from the Plan.

33. Given that the Plan contains no new policies or waste management measures it is not proposed that the Authority responds to the consultation.

POLICY CONNECT – NO TIME TO WASTE

34. In July 2020 Policy Connect, a cross-party think tank, published a report entitled “No Time to Waste – Resources, Recovery & the Road to Net Zero” which had considered the three options for managing residual waste: sending it to Energy from Waste (EfW), burying it in landfill or shipping it abroad.

35. The report firmly concludes that:

“EfW is the best available option as, by sending the waste to EfW, it is pushed up the waste hierarchy, diverted away from environmentally damaging landfill and can support the UK’s heat and power needs. At the same time, it helps to maintain a clean and hygienic waste service; something the public has come to expect, the need for which has been reinforced during the COVID crisis.”

36. The report proposes that the UK should move towards a Scandinavian style approach to residual waste, viewing it as a valuable resource to generate heat, to ensure that landfill reliance is driven down to as low as is feasible. The Government should establish or actively participate in a cross-sectoral forum to consider the appropriate location of EfW infrastructure, prioritising finding potential heat customers.

HEAT OFF-TAKE FROM THE BELVERDERE EfW FACILITY

37. Residual waste (that which cannot be reused or recycled) managed by the Authority is transferred by river to an Energy from Waste (EfW) Facility, operated by Cory Riverside Energy (**CRE**), situated at Belvedere in the London Borough of Bexley (**LBB**).
38. A report by Ramboll, for the LBB, on the feasibility of a new District Energy network to deliver heat from the EfW Facility to the Thamesmead and Belvedere area of Bexley was published in May 2019. The key findings from this report were that:
- *“The EfW Facility could supply all heat required for the scheme.*

- *The provision of supplementary heat generation and storage would be required to meet to the anticipated 10% annual downtime of the EfW Facility.*
- *An ‘Internal Rate of Return’ in the region of 7.5% – 11.1% might be achieved*
- *Utilising the heat generated from the EfW Facility could deliver an overall CO₂ saving of 3,970 tonnes/annum against a counterfactual case of a new Air-Source Heat Pump plant, adhering to projected new London Plan requirements, or 14,900 tonnes/annum against a case of gas-fired CHP led communal heating schemes”.*

39. In May 2020, CRE announced that it has partnered with the specialist district heating and low carbon energy company Vattenfall (the largest operator of district heating networks in Western Europe which provides heat network services to 1.7 million households across the EU), with the aim of developing the heat network (which would be one of the largest in the UK).

40. The existing EfW Facility is capable of supplying affordable, low carbon heat to 10,500 homes and if CRE’s development plans for a new Riverside Energy Park come to fruition that will have the potential to supply a further 10,500 homes.

41. CRE and Vattenfall are working on an application for Heat Network Investment Partnership funding from the Government and are continuing discussions with the LBB and potential heat offtakers such as the Peabody Housing Association and other key stakeholders, given the strategic importance of the project.

CORY COMMUNITY FUND

42. On 8th September 2020, CRE announced the creation of the Cory Community Fund, which will provide grants for groups which generate positive improvements in local people’s lives.

43. Eligible groups and projects can apply to receive a grant of up to £7,500, with the funding distributed during 2020 and 2021. Applications for the first funding round close on 15th November 2020.

44. The Fund aims to support and encourage activities that play a role in strengthening communities. Grants will focus on groups and projects that support Cory’s goals of:

- Positively impacting local people in the community in meaningful ways.

- Protecting the local environment, supporting the circular economy, including building knowledge of recycling and waste management.
- Promoting social and community cohesion, together with diversity and inclusion.
- Improving science, technology, engineering and mathematical skills.

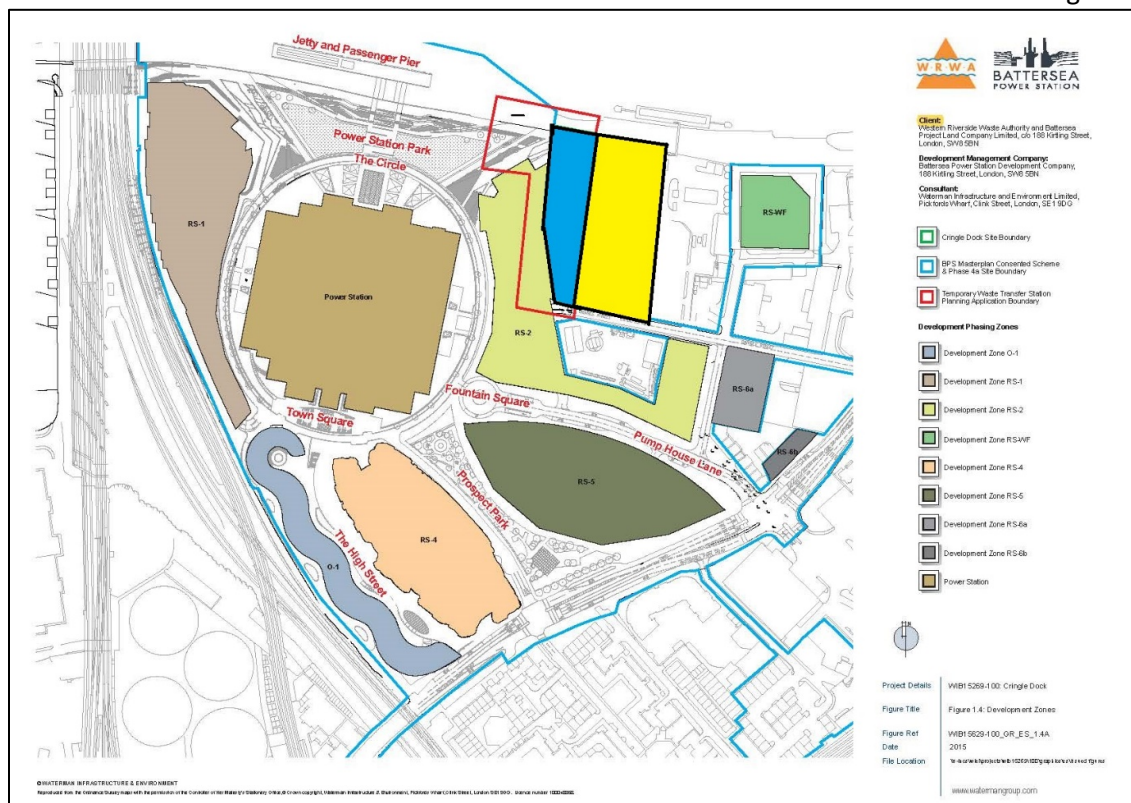
45. More information about eligibility and how to apply can be found on CRE's website: <https://www.coryenergy.com/community/rules-eligibility/>

CRINGLE DOCK TRANSFER STATION

Introduction

46. The Authority's Cringle Dock Transfer Station (the site coloured yellow in Figure 1 opposite and reproduced in a larger size at Appendix D) lies within the Vauxhall Nine Elms Battersea Opportunity Area (VNEBOA), and its western boundary is immediately adjacent to Battersea Power Station. The Transfer Station built by the Greater London Council, became operational in 1972 and originally 'pulverised' waste before transferring it loose into open topped barges for transportation to the Rainham, and subsequently the Mucking, landfill sites. In the early 1990s, the Transfer Station was redeveloped to allow waste to be compacted into standard ISO containers and the area of land to the west of the main transfer station building (coloured blue in Figure 1 below) was leased from Thames Water to act as a temporary transfer station during the redevelopment. In the mid-1990s, the land in blue was subsequently purchased from Thames Water and used to house the Authority's first recycling bays and construct the 'New Transfer Building' principally for the transfer of waste, under contract, from the City of Westminster.

Figure 1



47. Cringle Dock is a major strategic waste facility which in the 2019/20 financial year transferred around 260,000 tonnes of residual municipal and trade waste onto barges for transportation by river to Riverside Resource Recovery Limited's (RRRL) Energy from Waste (EfW) Facility at Belvedere in the London Borough of Bexley. For comparison, this equates to around 17% of the total municipal waste produced in Wales. The Authority's other riparian transfer station, at Smugglers Way, Wandsworth also transferred a further 200,000 tonnes of residual waste in the same financial year.
48. The Authority owns the freehold of the whole Cringle Dock site (the yellow and blue areas in Figure 1 above) and, since October 2002, has leased it to Cory Riverside Energy as part of a Waste Management Services Agreement that runs until October 2032. The Site has no planning restrictions and is licensed to operate 24 hours a day, seven days a week. The main part of the site is also a 'Safeguarded Wharf' which places some planning restrictions on surrounding developments, but also limits what the Authority can do in planning terms on the site without the permission of the Mayor of London.

Battersea Power Station

49. During most its life, Cringle Dock has predominately been surrounded by other industrial uses or, in the case of Battersea Power Station (**BPS**), between 1983 and 2013, largely derelict land, but now Cringle Dock now finds itself situated in the middle of the VNEBOA, central London's biggest regeneration area. This multi-billion pound investment programme is transforming this largely industrial district into a brand new residential and business quarter.
50. In November 2010, when the main planning permission applications ([2009/3575](#), [2009/3576](#), [2009/3577](#) and [2009/3578](#)) for the redevelopment of the BPS site were considered by Wandsworth Council ([WBC Paper No. 10-809](#)), a robust package of noise, air quality and overlooking mitigation measures (including obligations under a Deed entered into under Section 106 of the Town and Country Planning Act 1990 (**S106**) and planning conditions) was compiled by the Council to minimise the potential for conflicts of use and disturbance.
51. Schedule 18 to that S106 Deed, attached as Appendix E to this report, commit the Owners of the BPS site to use their Best Endeavours to implement a number of control/mitigation measures prior to occupation of the development the RS2 site, which lies to the west and south of the Cringle Dock site and between it and the main Power Station building.
52. This Best Endeavours obligation, reproduced below, is extremely onerous which may have been a reflection on the potential financial value that award of planning would represent to the Owners and the strategic importance of the waste transfer station and its status as a safeguarded wharf.

“Best Endeavours means that the obliger shall take all steps that are required to achieve the stated outcome, and not merely some of them, even if that involves beginning legal proceedings (where leading counsel appointed by the Owners (with the prior approval of the Council) has advised that there is a more than 50% chance that such proceedings would succeed and, in procuring such advice, the proposed instructions to leading counsel have first been submitted to and approved in advance by the Council (such approval by the Council in either case not to be unreasonably withheld) and a copy of leading counsel's advice has been supplied to the Council) but for the avoidance of doubt in exercising such endeavours the obliger shall not be under an absolute obligation to achieve the stated outcome;”

Redevelopment Proposals

53. Following award of planning permission in 2011, in September 2013 the Owners of the BPS site gave a presentation to the Authority in which they proposed redeveloping the Cringle Dock site to provide a new waste transfer station with residential accommodation above, in a manner which would:

- allow the Authority to retain the freehold ownership of the site throughout the development process with the Owners being granted a long lease to undertake the works to the new facility and residential above;
- facilitate the uninterrupted and continued operation of the wharf;
- have the Owners funding all the costs associated with design, planning, construction, and marketing;
- give the Authority a new waste transfer station free of charge, a guaranteed sum at completion and a percentage of future residential sales receipts (less the guaranteed sum) for a risk free participation in the development process with no exposure to costs;
- give Cory a capital sum to compensate for disturbance; and
- allow completion of the project with payment of the guaranteed sum by June 2019.

New Transfer Station Design

54. Following that presentation, the Authority entered into discussions with the Owners and, in December 2015, planning applications were submitted by the Authority and the Owners for:

- [2015/6357](#) a “hybrid” part-detailed, part-outline application for the redevelopment of the Cringle Dock site to provide respectively a new waste transfer station (WTS) enclosed within a structural box, with new residential buildings located above the transfer station; and
- [2015/6358](#) an application for detailed planning permission for the construction of a temporary WTS on land comprising part of Cringle Dock

and part of the Battersea Power Station site to be in operation during the construction of the new WTS on the Cringle Dock site (the area outlined in red on Figure 1).

55. Additionally, in 2015, the owners also submitted an application [2015/6359](#) under Section 73 of the Town and Country Planning Act 1990 for minor material amendments to the planning permission ref. [2014/2837](#) for the comprehensive redevelopment of the Battersea Power Station site, specifically seeking amendments to Phase 6 (Development Zone RS-2) in order to facilitate the proposed redevelopment of Cringle Dock. In addition to the S106 requirements, this permission also includes conditions designed to:

“To protect the occupiers of the buildings including their overall environment, and to protect the future and current operations of the Cringle Dock Waste Transfer Station....”

56. On 4th July 2016, the Owners and the Authority entered into a S106 Deed in relation to the 2105/6357 Planning Permission. However, in early 2017 the Owners and the Authority submitted an application ([2017/0319](#)) under Section 73 of the Town and Country Planning Act 1990 to amend the 2105/6357 planning permission by introducing commercial land use in place of the road-based bulk recycling operation planned for the area of land marked blue in Figure 1 above. This application was approved and a new Deed, with revised S106 obligations, was entered into on 14th June 2017. The Safeguarded Wharf status of the area of land marked blue in Figure 1 was also removed at that time, following an application to the Secretary of State.
57. In 2015 the Authority also submitted a planning application [2015/4784](#) for the construction of a new Bulk Waste Transfer Station to handle up to 25,000 tonnes of recyclable materials on the southern part of the Feathers Wharf site. This was to provide interim recycling facilities while the new transfer station at Cringle Dock was constructed. Application 2015/6358 for the construction of a temporary WTS on land comprising part of Cringle Dock and part of the Battersea Power Station (the area outlined in red on Figure 1) was only for residual waste.
58. In 2017, with the assistance of the Owners and in conjunction with the introduction of a commercial land use in place of the bulk recycling operation at Cringle (as per planning permission 2017/0319), the Authority submitted planning application [2017/0255](#) to vary the 2015/4784 permission so as to allow the bulk waste transfer station on Feathers Wharf to be used until 31st December 2032 which would allow

the bulk recycling services to continue for a short time beyond the expiry of the WMSA. A Deed to that effect was signed on 22nd May 2017.

Current Situation

59. The relevant Cringle Dock planning permissions are due to expire on 4th July 2021, but since the middle of 2017 there has been very little progress made with the project. In 2018, in response to a falling residential market, the Owners investigated the feasibility of replacing the proposed residential development above Cringle Dock WTS with offices and a Waste Transfer Station construction that could support either type of over site development, or a hybrid, was explored. However, in the market conditions that prevailed, the Owners were unable to convince themselves that any of the options was sufficiently financially viable for them to be willing to progress and market uncertainty has now become even greater since the outbreak of Covid-19.
60. The Authority continues to have a positive dialogue with the Owners of Battersea Power Station but their plan to redevelop the Cringle Dock waste transfer station has stalled and it is likely to remain so until the Owners have a clearer view on what type of associated development might make it financially viable for them.
61. In the meantime, the Owners continue to develop other areas of the Battersea Power Station site but, given that none of the S106 requirements conditions set out in Schedule 18 have yet been met, it is likely that construction of the RS2 block to the south and west of the waste transfer station will also continue to be delayed until a satisfactory solution that also protects the future and current operations of the Cringle Dock Waste Transfer Station can be agreed.

Future Development

62. The Authority and CRE are maintaining a positive dialogue with the Owners of the Battersea Power Station and it is hoped that a collaborative agreement can still be reached on future the development of their RS2 site and the Cringle Dock Transfer Station.

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

63. The following items of expenditure have been authorised by officers under delegated powers within the band range of £5,000 to £30,000 since the last Authority meeting:-

| | | |
|----------|---|---------|
| Deloitte | Audit Fees | £12,058 |
| Deloitte | Additional Audit Fees 2018/19 | £27,000 |
| LCA | Public Relations and Crisis Management | £25,000 |

RECOMMENDATION

64. It is recommended that the Authority receive this report as information.

M. Broxup
GENERAL MANAGER

Western Riverside Administration Office
Smugglers Way
Wandsworth
SW18 1JS

21st September 2020



Hammersmith & Fulham

After 5 months of 2020/2021
= Forecast Figures

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| Tonnage | | | | | | | Budget | Projected | Projected |
|-------------------|-----------|-----------|-----------|----------------------|------------|-----------|-----------|-----------|------------|
| | 2019/2020 | 2020/2021 | 2020/2021 | Difference to Budget | | 2020/2021 | 2020/2021 | 2020/2021 | 2020/2021 |
| | Outturn | Budget | Forecast | Tonnes | Percentage | £/Tonne | Cost £ | Cost £ | Variance £ |
| Batteries | 1 | 1 | 0 | - | 0 | 61.00 | 41 | 21 | 20 |
| Clinical Waste | 18 | 19 | 15 | - | 4 | 600.00 | 11,145 | 8,921 | 2,224 |
| Co-Mingled | 11,703 | 11,543 | 12,482 | 939 | 8.1% | 28.00 | 323,213 | 349,505 | 26,292 |
| Detritus Waste | 449 | 411 | 400 | - | 11 | 83.00 | 34,078 | 33,203 | 876 |
| Electricals | 20 | 11 | 39 | 28 | 248.9% | 53.50 | 604 | 2,107 | 1,503 |
| Fridges | 89 | 85 | 92 | 6 | 7.0% | 52.00 | 4,445 | 4,759 | 313 |
| Gas Bottles | 1 | 0 | 0 | - | 0 | 139.50 | 48 | 20 | 28 |
| General Waste | 56,021 | 55,421 | 55,125 | - | 296 | 154.00 | 8,534,861 | 8,489,266 | 45,595 |
| Carpet | - | - | - | - | - | 154.00 | - | - | - |
| Green Waste | 83 | 4 | 84 | 81 | 2208.9% | 103.00 | 376 | 8,678 | 8,302 |
| Inert Waste | 5 | - | 6 | 6 | - | 31.50 | - | 174 | 174 |
| Paint & Oil | - | - | - | - | - | 132.50 | - | - | - |
| Paper & Cardboard | - | - | - | - | - | 18.00 | - | - | - |
| Scrap Metals | 19 | 5 | 58 | 53 | 1023.0% | 21.97 | 114 | 1,276 | 1,162 |
| Textiles | - | - | - | - | - | 199.50 | - | - | - |
| Tyres | 1 | - | 1 | 1 | - | 297.00 | - | 215 | 215 |
| Wood | - | - | - | - | - | 110.50 | - | - | - |
| Grand Total | 68,410 | 67,500 | 68,302 | 802 | 1.2% | Sub-Total | 8,908,697 | 8,895,591 | 13,106 |
| Contamination | 1,594 | 1,555 | 1,577 | 22 | 1.4% | 154.00 | 239,470 | 242,816 | 3,346 |
| Grand Total | | | | | | | 9,148,167 | 9,138,408 | 9,760 |

| Forecast Tonnes | | | |
|-------------------|-----------|-----------|-----------|
| | 2021/2022 | 2022/2023 | 2023/2024 |
| Batteries | 0 | 0 | 0 |
| Clinical Waste | 15 | 15 | 15 |
| Co-Mingled | 12,482 | 12,482 | 12,384 |
| Detritus Waste | 400 | 400 | 397 |
| Electricals | 39 | 39 | 39 |
| Fridges | 92 | 92 | 91 |
| Gas Bottles | 0 | 0 | 0 |
| General Waste | 55,125 | 55,125 | 54,689 |
| Carpet | - | - | - |
| Green Waste | 84 | 84 | 84 |
| Inert Waste | 6 | 6 | 5 |
| Paint & Oil | - | - | - |
| Paper & Cardboard | - | - | - |
| Scrap Metals | 58 | 58 | 58 |
| Textiles | - | - | - |
| Tyres | 1 | 1 | 1 |
| Wood | - | - | - |
| Grand Total | 68,302 | 68,302 | 67,762 |
| Contamination | 1,577 | 1,577 | 1,564 |

| Co-Mingled Contamination | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | 2020/2021 |
| Apr | 14.2% | 11.6% | 13.4% | 13.8% | 9.9% |
| May | 12.1% | 15.9% | 13.0% | 13.5% | 11.7% |
| Jun | 14.2% | 12.1% | 12.5% | 14.5% | 10.9% |
| Jul | 11.0% | 13.3% | 15.8% | 12.0% | 17.2% |
| Aug | 13.0% | 17.1% | 15.8% | 16.4% | 12.9% |
| Sep | 12.9% | 11.5% | 16.6% | 13.3% | 12.6% |
| Oct | 13.5% | 15.1% | 19.3% | 10.7% | 12.6% |
| Nov | 16.0% | 13.5% | 15.3% | 14.4% | 12.6% |
| Dec | 18.5% | 16.8% | 18.7% | 12.3% | 12.6% |
| Jan | 15.7% | 16.1% | 16.5% | 16.2% | 12.6% |
| Feb | 15.2% | 13.7% | 12.1% | 13.4% | 12.6% |
| Mar | 11.9% | 12.0% | 12.9% | 13.8% | 12.6% |
| Average | 14.0% | 14.1% | 15.2% | 13.6% | 12.6% |
| | | | | Budget | 13.5% |

| Working Days | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 |
| Total | 254 | 253 | 253 | 253 | 251 |
| Diff from Year before | | -1 | 0 | 0 | -2 |
| Change | | -0.39% | 0.00% | 0.00% | -0.79% |

| General Waste Tonnes | | | | |
|----------------------|-----------|-----------|------------|------------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 4,633 | 4,462 | - | 171 -3.68% |
| May | 4,909 | 4,518 | - | 391 -7.97% |
| Jun | 4,551 | 4,947 | 396 | 8.71% |
| Jul | 5,064 | 4,840 | - | 224 -4.43% |
| Aug | 4,460 | 4,396 | - | 64 -1.43% |
| Sep | 4,574 | 4,512 | - | 63 -1.37% |
| Oct | 4,951 | 4,883 | - | 68 -1.37% |
| Nov | 4,769 | 4,704 | - | 65 -1.37% |
| Dec | 4,828 | 4,762 | - | 66 -1.37% |
| Jan | 4,632 | 4,568 | - | 63 -1.37% |
| Feb | 4,111 | 4,055 | - | 56 -1.37% |
| Mar | 4,541 | 4,478 | - | 62 -1.37% |
| Total | 56,021 | 55,125 | - | 896 -1.60% |

| Co-Mingled Tonnes | | | | |
|-------------------|-----------|-----------|------------|-----------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 913 | 969 | 56 | 6.16% |
| May | 985 | 961 | - | 24 -2.44% |
| Jun | 912 | 1,048 | 135 | 14.85% |
| Jul | 1,038 | 1,122 | 84 | 8.09% |
| Aug | 879 | 925 | 46 | 5.28% |
| Sep | 974 | 1,041 | 67 | 6.90% |
| Oct | 1,060 | 1,133 | 73 | 6.90% |
| Nov | 983 | 1,051 | 68 | 6.90% |
| Dec | 1,078 | 1,152 | 74 | 6.90% |
| Jan | 1,030 | 1,101 | 71 | 6.90% |
| Feb | 875 | 936 | 60 | 6.90% |
| Mar | 975 | 1,042 | 67 | 6.90% |
| Total | 11,703 | 12,482 | 780 | 6.66% |

| Detritus Waste Tonnes | | | | |
|-----------------------|-----------|-----------|------------|------------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 29 | 28 | - | 2 -5.24% |
| May | 27 | 26 | - | 1 -3.29% |
| Jun | 40 | 29 | - | 11 -28.10% |
| Jul | 34 | 32 | - | 2 -6.62% |
| Aug | 35 | 33 | - | 3 -7.28% |
| Sep | 38 | 34 | - | 4 -10.63% |
| Oct | 42 | 38 | - | 4 -10.63% |
| Nov | 64 | 58 | - | 7 -10.63% |
| Dec | 42 | 37 | - | 4 -10.63% |
| Jan | 30 | 27 | - | 3 -10.63% |
| Feb | 39 | 35 | - | 4 -10.63% |
| Mar | 27 | 24 | - | 3 -10.63% |
| Total | 449 | 400 | - | 48 -10.81% |

| Co-mingled Contamination Tonnes | | | | |
|---------------------------------|-----------|-----------|------------|------------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 126 | 96 | - | 29 -23.39% |
| May | 133 | 112 | - | 21 -15.54% |
| Jun | 132 | 115 | - | 18 -13.37% |
| Jul | 124 | 192 | 68 | 54.74% |
| Aug | 144 | 119 | - | 24 -16.97% |
| Sep | 130 | 132 | 2 | 1.46% |
| Oct | 113 | 143 | 30 | 26.80% |
| Nov | 142 | 133 | - | 9 -6.42% |
| Dec | 132 | 146 | 14 | 10.24% |
| Jan | 167 | 139 | - | 28 -16.80% |
| Feb | 117 | 118 | 1 | 1.15% |
| Mar | 135 | 132 | - | 3 -2.36% |
| Total | 1,594 | 1,577 | - | 17 -1.09% |

| Green Waste Tonnes | | | | |
|--------------------|-----------|-----------|------------|-------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | - | - | - | 0.00% |
| May | - | - | - | 0.00% |
| Jun | - | - | - | 0.00% |
| Jul | - | - | - | 0.00% |
| Aug | - | 0 | 0 | 0.00% |
| Sep | - | - | - | 0.00% |
| Oct | 1 | 1 | 0 | 0.56% |
| Nov | - | - | - | 0.00% |
| Dec | - | - | - | 0.00% |
| Jan | 82 | 82 | 0 | 0.56% |
| Feb | - | - | - | 0.00% |
| Mar | - | - | - | 0.00% |
| Total | 83 | 84 | 1 | 1.12% |

| Wood Waste Tonnes | | | | |
|-------------------|-----------|-----------|------------|-------|
| | 2019/2020 | 2020/2021 | 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% |

| | | | | |
|------------------------|-------------------|-----------|---------|------------------|
| Kensington and Chelsea | After 5 months of | 2020/2021 | Printed | 11/09/2020 13:59 |
| = Forecast Figures | | | | |

| Tonnage | 2019/2020 Outturn | 2020/2021 Budget | 2020/2021 Forecast | Difference to Budget | | 2020/2021 £/Tonne | Budget 2020/2021 Cost £ | Projected 2020/2021 Cost £ | Projected 2020/2021 Variance £ |
|-------------------|----------------------|---------------------|-----------------------|----------------------|------------|----------------------|-------------------------------|----------------------------------|--------------------------------------|
| | | | | Tonnes | Percentage | | | | |
| Batteries | - | - | - | - | - | 61.00 | - | - | - |
| Clinical Waste | 1 | 1 | 1 | 1 | -38.6% | 600.00 | 876 | 538 | 338 |
| Co-Mingled | 15,961 | 15,995 | 11,869 | 4,126 | -25.8% | 28.00 | 447,856 | 332,329 | 115,527 |
| Detritus Waste | 1,021 | 1,222 | 794 | 427 | -35.0% | 83.00 | 101,387 | 65,943 | 35,444 |
| Electricals | 26 | 21 | 40 | 20 | 94.9% | 53.50 | 1,103 | 2,150 | 1,047 |
| Fridges | 51 | 54 | 39 | 16 | -28.8% | 52.00 | 2,815 | 2,004 | 810 |
| Gas Bottles | 1 | 1 | 3 | 2 | 214.8% | 139.50 | 111 | 349 | 238 |
| General Waste | 58,209 | 57,965 | 44,136 | 13,829 | -23.9% | 154.00 | 8,926,595 | 6,796,915 | 2,129,680 |
| Carpet | - | - | - | - | - | 154.00 | - | - | - |
| Green Waste | 475 | 463 | 488 | 25 | 5.5% | 103.00 | 47,638 | 50,262 | 2,624 |
| Inert Waste | - | - | 2 | 2 | - | 31.50 | - | 75 | 75 |
| Paint & Oil | - | - | - | - | - | 132.50 | - | - | - |
| Paper & Cardboard | - | - | - | - | - | 18.00 | - | - | - |
| Scrap Metals | - | - | 0 | 0 | - | 21.97 | - | 8 | 8 |
| Textiles | - | - | - | - | - | 199.50 | - | - | - |
| Tyres | - | - | - | - | - | 297.00 | - | - | - |
| Wood | 1 | 1 | - | 1 | -100.0% | 110.50 | 66 | - | 66 |
| Grand Total | 75,746 | 75,721 | 57,372 | 18,349 | -24.2% | Sub-Total | 9,528,448 | 7,250,560 | 2,277,888 |
| Contamination | 1,699 | 1,690 | 1,239 | 451 | -26.7% | 154.00 | 260,260 | 190,855 | 69,405 |
| Grand Total | | | | | | | 9,788,708 | 7,441,415 | 2,347,293 |

| Forecast Tonnes | | | |
|-------------------|-----------|-----------|-----------|
| | 2021/2022 | 2022/2023 | 2023/2024 |
| Batteries | - | - | - |
| Clinical Waste | 1 | 1 | 1 |
| Co-Mingled | 11,869 | 11,869 | 11,775 |
| Detritus Waste | 794 | 794 | 788 |
| Electricals | 40 | 40 | 40 |
| Fridges | 39 | 39 | 38 |
| Gas Bottles | 3 | 3 | 2 |
| General Waste | 44,136 | 44,136 | 43,787 |
| Carpet | - | - | - |
| Green Waste | 488 | 488 | 484 |
| Inert Waste | 2 | 2 | 2 |
| Paint & Oil | - | - | - |
| Paper & Cardboard | - | - | - |
| Scrap Metals | 0 | 0 | 0 |
| Textiles | - | - | - |
| Tyres | - | - | - |
| Wood | - | - | - |
| Grand Total | 57,372 | 57,372 | 56,919 |
| Contamination | 1,239 | 1,239 | 1,230 |

| Co-Mingled Contamination | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | 2020/2021 |
| Apr | 10.8% | 14.7% | 12.2% | 9.5% | 9.2% |
| May | 11.5% | 11.8% | 10.9% | 10.0% | 10.7% |
| Jun | 11.1% | 13.2% | 11.0% | 11.3% | 10.0% |
| Jul | 11.1% | 12.1% | 13.2% | 9.3% | 11.4% |
| Aug | 11.3% | 14.3% | 11.4% | 13.9% | 10.8% |
| Sep | 13.1% | 11.9% | 12.7% | 11.1% | 10.4% |
| Oct | 11.9% | 14.0% | 10.1% | 10.0% | 10.4% |
| Nov | 12.1% | 10.6% | 11.2% | 10.0% | 10.4% |
| Dec | 11.4% | 12.3% | 13.6% | 10.7% | 10.4% |
| Jan | 11.8% | 11.3% | 9.9% | 12.0% | 10.4% |
| Feb | 12.6% | 11.7% | 13.0% | 10.6% | 10.4% |
| Mar | 13.6% | 9.2% | 10.9% | 9.9% | 10.4% |
| Average | 11.9% | 12.2% | 11.7% | 10.6% | 10.4% |
| Budget | | | | | 10.6% |

| Working Days | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 |
| Total | 254 | 253 | 253 | 253 | 251 |
| Diff from Year before | | -1 | 0 | 0 | -2 |
| Change | | -0.39% | 0.00% | 0.00% | -0.79% |

| General Waste Tonnes | | | | |
|----------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 4,741 | 3,473 | 1,267 | -26.73% |
| May | 4,937 | 3,491 | 1,446 | -29.28% |
| Jun | 4,813 | 3,989 | 823 | -17.11% |
| Jul | 5,156 | 3,921 | 1,235 | -23.96% |
| Aug | 4,899 | 3,675 | 1,223 | -24.97% |
| Sep | 4,858 | 3,692 | 1,166 | -24.00% |
| Oct | 5,153 | 3,917 | 1,237 | -24.00% |
| Nov | 5,128 | 3,898 | 1,231 | -24.00% |
| Dec | 5,051 | 3,839 | 1,212 | -24.00% |
| Jan | 4,722 | 3,589 | 1,133 | -24.00% |
| Feb | 4,328 | 3,289 | 1,039 | -24.00% |
| Mar | 4,424 | 3,363 | 1,062 | -24.00% |
| Total | 58,209 | 44,136 | 14,074 | -24.18% |

| Co-Mingled Tonnes | | | | |
|-------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 1,266 | 847 | 419 | -33.13% |
| May | 1,331 | 953 | 378 | -28.43% |
| Jun | 1,335 | 1,106 | 229 | -17.15% |
| Jul | 1,467 | 1,034 | 433 | -29.51% |
| Aug | 1,176 | 934 | 242 | -20.59% |
| Sep | 1,373 | 1,023 | 350 | -25.47% |
| Oct | 1,430 | 1,066 | 364 | -25.47% |
| Nov | 1,385 | 1,032 | 353 | -25.47% |
| Dec | 1,476 | 1,100 | 376 | -25.47% |
| Jan | 1,325 | 988 | 338 | -25.47% |
| Feb | 1,189 | 886 | 303 | -25.47% |
| Mar | 1,208 | 901 | 308 | -25.47% |
| Total | 15,961 | 11,869 | 4,092 | -25.64% |

| Detritus Waste Tonnes | | | | |
|-----------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 76 | 60 | 16 | -21.19% |
| May | 75 | 70 | 4 | -5.45% |
| Jun | 84 | 70 | 15 | -17.44% |
| Jul | 81 | 56 | 24 | -30.17% |
| Aug | 88 | 56 | 31 | -35.61% |
| Sep | 85 | 66 | 19 | -21.98% |
| Oct | 100 | 78 | 22 | -21.98% |
| Nov | 152 | 119 | 33 | -21.98% |
| Dec | 75 | 59 | 16 | -21.98% |
| Jan | 75 | 58 | 16 | -21.98% |
| Feb | 80 | 62 | 17 | -21.98% |
| Mar | 52 | 40 | 11 | -21.98% |
| Total | 1,021 | 794 | 226 | -22.16% |

| Co-mingled Contamination Tonnes | | | | |
|---------------------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 121 | 77 | 43 | -35.79% |
| May | 133 | 102 | 31 | -23.19% |
| Jun | 151 | 110 | 41 | -26.88% |
| Jul | 136 | 118 | 18 | -13.37% |
| Aug | 163 | 101 | 62 | -38.19% |
| Sep | 152 | 107 | 45 | -29.70% |
| Oct | 143 | 111 | 32 | -22.10% |
| Nov | 138 | 108 | 31 | -22.17% |
| Dec | 157 | 115 | 43 | -27.06% |
| Jan | 159 | 103 | 56 | -35.14% |
| Feb | 125 | 93 | 33 | -26.23% |
| Mar | 120 | 94 | 26 | -21.39% |
| Total | 1,699 | 1,239 | 459 | -27.05% |

| Green Waste Tonnes | | | | |
|--------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 23 | 25 | 2 | 8.38% |
| May | 32 | 30 | 2 | -6.20% |
| Jun | 36 | 35 | 0 | -0.73% |
| Jul | 36 | 41 | 5 | 14.43% |
| Aug | 28 | 27 | 1 | -4.13% |
| Sep | 29 | 30 | 1 | 2.97% |
| Oct | 43 | 45 | 1 | 2.97% |
| Nov | 56 | 58 | 2 | 2.97% |
| Dec | 39 | 41 | 1 | 2.97% |
| Jan | 108 | 111 | 3 | 2.97% |
| Feb | 23 | 24 | 1 | 2.97% |
| Mar | 20 | 21 | 1 | 2.97% |
| Total | 475 | 488 | 13 | 2.78% |

| Wood Waste Tonnes | | | | |
|-------------------|-----------|-----------|------------|----------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | - | - | - | 0.00% |
| May | - | - | - | 0.00% |
| Jun | - | - | - | 0.00% |
| Jul | - | - | - | 0.00% |
| Aug | 1 | - | 1 | -100.00% |
| Sep | - | - | - | 0.00% |
| Oct | - | - | - | 0.00% |
| Nov | - | - | - | 0.00% |
| Dec | - | - | - | 0.00% |
| Jan | - | - | - | 0.00% |
| Feb | - | - | - | 0.00% |
| Mar | - | - | - | 0.00% |
| Total | 1 | - | 1 | -100.00% |

| | | | | |
|--------------------|-------------------|-----------|---------|------------------|
| Lambeth | After 5 months of | 2020/2021 | Printed | 11/09/2020 13:59 |
| = Forecast Figures | | | | |

| Tonnage | 2019/2020 Outturn | 2020/2021 Budget | 2020/2021 Forecast | Difference to Budget | | 2020/2021 £/Tonne | Budget 2020/2021 Cost £ | Projected 2020/2021 Cost £ | Projected 2020/2021 Variance £ |
|-------------------|----------------------|---------------------|-----------------------|----------------------|------------|----------------------|-------------------------------|----------------------------------|--------------------------------------|
| | | | | Tonnes | Percentage | | | | |
| Batteries | - | - | - | - | - | 61.00 | - | - | - |
| Clinical Waste | 3 | 4 | 3 | 1 | -19.2% | 600.00 | 2,219 | 1,793 | 426 |
| Co-Mingled | 19,543 | 19,078 | 22,593 | 3,515 | 18.4% | 28.00 | 534,176 | 632,608 | 98,433 |
| Detritus Waste | 518 | 518 | 630 | 113 | 21.8% | 83.00 | 42,958 | 52,314 | 9,356 |
| Electricals | 113 | 94 | 36 | 59 | -62.1% | 53.50 | 5,040 | 1,908 | 3,132 |
| Fridges | 174 | 160 | 145 | 15 | -9.4% | 52.00 | 8,333 | 7,547 | 787 |
| Gas Bottles | 4 | 3 | - | 3 | -100.0% | 139.50 | 440 | - | 440 |
| General Waste | 86,536 | 86,356 | 87,496 | 1,140 | 1.3% | 154.00 | 13,298,785 | 13,474,365 | 175,580 |
| Carpet | - | - | - | - | - | 154.00 | - | - | - |
| Green Waste | 733 | 736 | 960 | 224 | 30.4% | 103.00 | 75,785 | 98,836 | 23,051 |
| Inert Waste | 2 | 2 | 2 | 1 | 36.0% | 31.50 | 52 | 70 | 19 |
| Paint & Oil | - | - | - | - | - | 132.50 | - | - | - |
| Paper & Cardboard | 423 | 387 | 435 | 49 | 12.6% | 18.00 | 6,960 | 7,834 | 874 |
| Scrap Metals | 114 | 122 | 35 | 87 | -71.4% | 21.97 | 2,677 | 765 | 1,911 |
| Textiles | - | - | - | - | - | 199.50 | - | - | - |
| Tyres | 8 | 7 | 3 | 3 | -48.1% | 297.00 | 1,995 | 1,035 | 960 |
| Wood | 140 | 200 | - | 200 | -100.0% | 110.50 | 22,060 | - | 22,060 |
| Grand Total | 108,311 | 107,665 | 112,338 | 4,674 | 4.3% | Sub-Total | 13,996,128 | 14,277,546 | 281,418 |
| Contamination | 2,796 | 2,672 | 3,163 | 491 | 18.4% | 154.00 | 411,488 | 487,126 | 75,638 |
| Grand Total | | | | | | | 14,407,616 | 14,764,672 | 357,056 |

| Forecast Tonnes | | | |
|-------------------|-----------|-----------|-----------|
| | 2021/2022 | 2022/2023 | 2023/2024 |
| Batteries | - | - | - |
| Clinical Waste | 3 | 3 | 3 |
| Co-Mingled | 22,593 | 22,593 | 22,415 |
| Detritus Waste | 630 | 630 | 625 |
| Electricals | 36 | 36 | 35 |
| Fridges | 145 | 145 | 144 |
| Gas Bottles | - | - | - |
| General Waste | 87,496 | 87,496 | 86,804 |
| Carpet | - | - | - |
| Green Waste | 960 | 960 | 952 |
| Inert Waste | 2 | 2 | 2 |
| Paint & Oil | - | - | - |
| Paper & Cardboard | 435 | 435 | 432 |
| Scrap Metals | 35 | 35 | 35 |
| Textiles | - | - | - |
| Tyres | 3 | 3 | 3 |
| Wood | - | - | - |
| Grand Total | 112,338 | 112,338 | 111,450 |
| Contamination | 3,163 | 3,163 | 3,138 |

| Co-Mingled Contamination | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | 2020/2021 |
| Apr | 12.6% | 16.5% | 15.7% | 11.1% | 11.3% |
| May | 13.8% | 17.7% | 12.2% | 16.8% | 14.4% |
| Jun | 14.9% | 11.5% | 16.8% | 13.2% | 11.3% |
| Jul | 11.9% | 22.4% | 16.2% | 15.6% | 14.6% |
| Aug | 11.9% | 18.9% | 16.7% | 13.6% | 19.2% |
| Sep | 13.4% | 14.9% | 19.2% | 13.9% | 14.0% |
| Oct | 11.9% | 13.1% | 20.2% | 12.7% | 14.0% |
| Nov | 15.3% | 15.0% | 14.9% | 14.5% | 14.0% |
| Dec | 12.2% | 17.8% | 18.4% | 15.6% | 14.0% |
| Jan | 16.3% | 16.2% | 16.5% | 16.2% | 14.0% |
| Feb | 13.2% | 15.9% | 14.5% | 16.7% | 14.0% |
| Mar | 18.6% | 17.6% | 15.3% | 11.7% | 14.0% |
| Average | 13.9% | 16.5% | 16.4% | 14.3% | 14.0% |
| | | | | Budget | 14.0% |

| Working Days | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 |
| Total | 254 | 253 | 253 | 253 | 251 |
| Diff from Year before | | -1 | 0 | 0 | -2 |
| Change | | -0.39% | 0.00% | 0.00% | -0.79% |

| General Waste Tonnes | | | | |
|----------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 7,319 | 7,070 | 249 | -3.40% |
| May | 7,471 | 7,227 | 244 | -3.27% |
| Jun | 7,037 | 7,685 | 648 | 9.20% |
| Jul | 7,787 | 7,745 | 42 | -0.54% |
| Aug | 7,089 | 7,263 | 174 | 2.45% |
| Sep | 6,953 | 7,047 | 94 | 1.35% |
| Oct | 7,611 | 7,713 | 103 | 1.35% |
| Nov | 7,205 | 7,303 | 97 | 1.35% |
| Dec | 7,445 | 7,546 | 101 | 1.35% |
| Jan | 7,211 | 7,308 | 97 | 1.35% |
| Feb | 6,381 | 6,467 | 86 | 1.35% |
| Mar | 7,028 | 7,123 | 95 | 1.35% |
| Total | 86,536 | 87,496 | 960 | 1.11% |

| Co-Mingled Tonnes | | | | |
|-------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 1,579 | 1,813 | 235 | 14.86% |
| May | 1,710 | 1,814 | 105 | 6.12% |
| Jun | 1,497 | 1,998 | 502 | 33.54% |
| Jul | 1,672 | 1,939 | 266 | 15.94% |
| Aug | 1,524 | 1,632 | 107 | 7.04% |
| Sep | 1,540 | 1,784 | 244 | 15.87% |
| Oct | 1,704 | 1,974 | 270 | 15.87% |
| Nov | 1,534 | 1,778 | 244 | 15.87% |
| Dec | 1,751 | 2,028 | 278 | 15.87% |
| Jan | 1,824 | 2,114 | 290 | 15.87% |
| Feb | 1,503 | 1,742 | 239 | 15.87% |
| Mar | 1,706 | 1,977 | 271 | 15.87% |
| Total | 19,543 | 22,593 | 3,050 | 15.61% |

| Detritus Waste Tonnes | | | | |
|-----------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 32 | 38 | 6 | 18.96% |
| May | 38 | 44 | 7 | 17.66% |
| Jun | 41 | 41 | 0 | 0.49% |
| Jul | 23 | 39 | 16 | 66.44% |
| Aug | 37 | 45 | 8 | 20.59% |
| Sep | 44 | 53 | 9 | 21.79% |
| Oct | 56 | 68 | 12 | 21.79% |
| Nov | 88 | 107 | 19 | 21.79% |
| Dec | 51 | 62 | 11 | 21.79% |
| Jan | 40 | 48 | 9 | 21.79% |
| Feb | 38 | 46 | 8 | 21.79% |
| Mar | 31 | 38 | 7 | 21.79% |
| Total | 518 | 630 | 112 | 21.56% |

| Co-mingled Contamination Tonnes | | | | |
|---------------------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 175 | 254 | 79 | 45.27% |
| May | 287 | 254 | 33 | -11.41% |
| Jun | 197 | 280 | 83 | 41.86% |
| Jul | 262 | 271 | 10 | 3.78% |
| Aug | 207 | 228 | 22 | 10.52% |
| Sep | 214 | 250 | 36 | 16.71% |
| Oct | 217 | 276 | 60 | 27.64% |
| Nov | 222 | 249 | 27 | 12.11% |
| Dec | 272 | 284 | 12 | 4.33% |
| Jan | 295 | 296 | 1 | 0.39% |
| Feb | 251 | 244 | 7 | -2.68% |
| Mar | 199 | 277 | 78 | 39.13% |
| Total | 2,796 | 3,163 | 367 | 13.13% |

| Green Waste Tonnes | | | | |
|--------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 6 | 11 | 5 | 94.76% |
| May | 15 | 21 | 6 | 43.44% |
| Jun | 28 | 36 | 8 | 27.22% |
| Jul | 34 | 36 | 2 | 6.28% |
| Aug | 31 | 44 | 13 | 41.36% |
| Sep | 51 | 67 | 16 | 31.06% |
| Oct | 76 | 100 | 24 | 31.06% |
| Nov | 206 | 270 | 64 | 31.06% |
| Dec | 136 | 179 | 42 | 31.06% |
| Jan | 91 | 119 | 28 | 31.06% |
| Feb | 46 | 61 | 14 | 31.06% |
| Mar | 12 | 16 | 4 | 31.06% |
| Total | 733 | 960 | 227 | 30.95% |

| Wood Waste Tonnes | | | | |
|-------------------|-----------|-----------|------------|----------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 32 | - | 32 | -100.00% |
| May | 27 | - | 27 | -100.00% |
| Jun | 20 | - | 20 | -100.00% |
| Jul | 25 | - | 25 | -100.00% |
| Aug | 18 | - | 18 | -100.00% |
| Sep | 17 | - | 17 | -100.00% |
| Oct | - | - | - | 0.00% |
| Nov | - | - | - | 0.00% |
| Dec | - | - | - | 0.00% |
| Jan | 0 | - | 0 | -100.00% |
| Feb | - | - | - | 0.00% |
| Mar | - | - | - | 0.00% |
| Total | 140 | - | 140 | -100.00% |

| | | | | |
|--------------------|-------------------|-----------|---------|------------------|
| Wandsworth | After 5 months of | 2020/2021 | Printed | 11/09/2020 13:59 |
| = Forecast Figures | | | | |

| Tonnage | 2019/2020 Outturn | 2020/2021 Budget | 2020/2021 Forecast | Difference to Budget | | 2020/2021 £/Tonne | Budget 2020/2021 Cost £ | Projected 2020/2021 Cost £ | Projected 2020/2021 Variance £ |
|-------------------|----------------------|---------------------|-----------------------|----------------------|------------|----------------------|-------------------------------|----------------------------------|--------------------------------------|
| | | | | Tonnes | Percentage | | | | |
| Batteries | - | - | - | - | - | 61.00 | - | - | - |
| Clinical Waste | 66 | 66 | 54 | 11 | -17.2% | 600.00 | 39,394 | 32,636 | 6,758 |
| Co-Mingled | 20,355 | 19,774 | 23,535 | 3,762 | 19.0% | 28.00 | 553,663 | 658,991 | 105,328 |
| Detritus Waste | 2,841 | 2,694 | 2,841 | 147 | 5.5% | 83.00 | 223,582 | 235,821 | 12,238 |
| Electricals | 2 | 2 | 1 | 1 | -33.1% | 53.50 | 93 | 62 | 31 |
| Fridges | 153 | 172 | 95 | 77 | -44.8% | 52.00 | 8,963 | 4,950 | 4,012 |
| Gas Bottles | 1 | 0 | 3 | 3 | 1108.0% | 139.50 | 40 | 477 | 438 |
| General Waste | 75,666 | 74,482 | 80,132 | 5,650 | 7.6% | 154.00 | 11,470,199 | 12,340,306 | 870,107 |
| Carpet | - | - | - | - | - | 154.00 | - | - | - |
| Green Waste | 449 | 498 | 529 | 31 | 6.2% | 103.00 | 51,261 | 54,461 | 3,200 |
| Inert Waste | 15 | 11 | 19 | 8 | 77.7% | 31.50 | 335 | 596 | 260 |
| Paint & Oil | - | - | - | - | - | 132.50 | - | - | - |
| Paper & Cardboard | - | - | 2 | 2 | - | 18.00 | - | 28 | 28 |
| Scrap Metals | 4 | 0 | 10 | 10 | 4591.1% | 21.97 | 5 | 228 | 223 |
| Textiles | - | - | - | - | - | 199.50 | - | - | - |
| Tyres | 1 | 1 | 8 | 7 | 991.4% | 297.00 | 209 | 2,285 | 2,075 |
| Wood | - | - | - | - | - | 110.50 | - | - | - |
| Grand Total | 99,551 | 97,699 | 107,230 | 9,531 | 9.8% | Sub-Total | 12,347,734 | 13,330,385 | 982,651 |
| Contamination | 2,602 | 2,504 | 2,994 | 490 | 19.6% | 154.00 | 385,616 | 461,063 | 75,447 |
| Grand Total | | | | | | | 12,733,350 | 13,791,449 | 1,058,098 |

| Forecast Tonnes | | | |
|-------------------|-----------|-----------|-----------|
| | 2021/2022 | 2022/2023 | 2023/2024 |
| Batteries | - | - | - |
| Clinical Waste | 54 | 54 | 54 |
| Co-Mingled | 23,535 | 23,535 | 23,349 |
| Detritus Waste | 2,841 | 2,841 | 2,819 |
| Electricals | 1 | 1 | 1 |
| Fridges | 95 | 95 | 94 |
| Gas Bottles | 3 | 3 | 3 |
| General Waste | 80,132 | 80,132 | 79,498 |
| Carpet | - | - | - |
| Green Waste | 529 | 529 | 525 |
| Inert Waste | 19 | 19 | 19 |
| Paint & Oil | - | - | - |
| Paper & Cardboard | 2 | 2 | 2 |
| Scrap Metals | 10 | 10 | 10 |
| Textiles | - | - | - |
| Tyres | 8 | 8 | 8 |
| Wood | - | - | - |
| Grand Total | 107,230 | 107,230 | 106,382 |
| Contamination | 2,994 | 2,994 | 2,970 |

| Co-Mingled Contamination | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | 2020/2021 |
| Apr | 13.2% | 15.6% | 14.1% | 11.7% | 8.9% |
| May | 12.7% | 11.9% | 12.8% | 11.9% | 13.9% |
| Jun | 17.9% | 15.4% | 14.1% | 13.8% | 13.1% |
| Jul | 16.4% | 16.2% | 15.1% | 12.0% | 13.8% |
| Aug | 16.1% | 16.8% | 14.8% | 13.2% | 13.8% |
| Sep | 14.3% | 11.3% | 16.2% | 11.8% | 12.7% |
| Oct | 14.3% | 15.4% | 13.2% | 15.4% | 12.7% |
| Nov | 12.2% | 16.0% | 13.4% | 11.5% | 12.7% |
| Dec | 13.3% | 14.9% | 15.5% | 11.9% | 12.7% |
| Jan | 16.3% | 14.4% | 15.2% | 15.2% | 12.7% |
| Feb | 16.1% | 12.2% | 13.3% | 14.0% | 12.7% |
| Mar | 13.9% | 17.5% | 11.9% | 10.9% | 12.7% |
| Average | 14.7% | 14.8% | 14.1% | 12.8% | 12.7% |
| Budget | | | | | 12.7% |

| Working Days | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 |
| Total | 254 | 253 | 253 | 253 | 251 |
| Diff from Year before | | -1 | 0 | 0 | -2 |
| Change | | -0.39% | 0.00% | 0.00% | -0.79% |

| General Waste Tonnes | | | | |
|----------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 6,318 | 6,796 | 478 | 7.57% |
| May | 6,693 | 6,689 | 4 | -0.06% |
| Jun | 6,046 | 7,215 | 1,169 | 19.34% |
| Jul | 6,923 | 7,061 | 137 | 1.98% |
| Aug | 6,104 | 6,107 | 3 | 0.05% |
| Sep | 6,136 | 6,513 | 378 | 6.16% |
| Oct | 6,616 | 7,023 | 407 | 6.16% |
| Nov | 6,183 | 6,563 | 381 | 6.16% |
| Dec | 6,348 | 6,738 | 391 | 6.16% |
| Jan | 6,328 | 6,718 | 390 | 6.16% |
| Feb | 5,521 | 5,861 | 340 | 6.16% |
| Mar | 6,450 | 6,846 | 397 | 6.16% |
| Total | 75,666 | 80,132 | 4,466 | 5.90% |

| Co-Mingled Tonnes | | | | |
|-------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 1,608 | 1,823 | 215 | 13.39% |
| May | 1,698 | 1,875 | 177 | 10.42% |
| Jun | 1,565 | 2,078 | 513 | 32.74% |
| Jul | 1,744 | 2,011 | 267 | 15.32% |
| Aug | 1,550 | 1,622 | 72 | 4.66% |
| Sep | 1,575 | 1,826 | 250 | 15.89% |
| Oct | 1,726 | 2,001 | 274 | 15.89% |
| Nov | 1,719 | 1,993 | 273 | 15.89% |
| Dec | 1,920 | 2,226 | 305 | 15.89% |
| Jan | 1,956 | 2,267 | 311 | 15.89% |
| Feb | 1,526 | 1,768 | 242 | 15.89% |
| Mar | 1,766 | 2,046 | 281 | 15.89% |
| Total | 20,355 | 23,535 | 3,181 | 15.63% |

| Detritus Waste Tonnes | | | | |
|-----------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 172 | 187 | 16 | 9.12% |
| May | 219 | 199 | 19 | -8.89% |
| Jun | 183 | 212 | 29 | 15.57% |
| Jul | 208 | 194 | 14 | -6.91% |
| Aug | 232 | 218 | 14 | -5.99% |
| Sep | 246 | 246 | 1 | 0.21% |
| Oct | 283 | 284 | 1 | 0.21% |
| Nov | 441 | 442 | 1 | 0.21% |
| Dec | 304 | 305 | 1 | 0.21% |
| Jan | 200 | 201 | 0 | 0.21% |
| Feb | 190 | 190 | 0 | 0.21% |
| Mar | 164 | 164 | 0 | 0.21% |
| Total | 2,841 | 2,841 | 0 | 0.01% |

| Co-mingled Contamination Tonnes | | | | |
|---------------------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 188 | 232 | 43 | 23.08% |
| May | 203 | 239 | 36 | 17.74% |
| Jun | 215 | 264 | 49 | 22.81% |
| Jul | 209 | 256 | 47 | 22.35% |
| Aug | 204 | 206 | 3 | 1.24% |
| Sep | 186 | 232 | 46 | 24.83% |
| Oct | 267 | 255 | 12 | -4.52% |
| Nov | 198 | 253 | 55 | 27.86% |
| Dec | 229 | 283 | 55 | 23.88% |
| Jan | 298 | 288 | 9 | -3.14% |
| Feb | 214 | 225 | 11 | 5.30% |
| Mar | 192 | 260 | 69 | 35.75% |
| Total | 2,602 | 2,994 | 392 | 15.08% |

| Green Waste Tonnes | | | | |
|--------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 8 | 14 | 7 | 87.99% |
| May | 12 | 16 | 4 | 35.01% |
| Jun | 17 | 23 | 5 | 31.32% |
| Jul | 19 | 16 | 3 | -14.58% |
| Aug | 16 | 14 | 1 | -8.25% |
| Sep | 19 | 23 | 3 | 17.87% |
| Oct | 18 | 21 | 3 | 17.87% |
| Nov | 26 | 30 | 5 | 17.87% |
| Dec | 47 | 56 | 8 | 17.87% |
| Jan | 237 | 279 | 42 | 17.87% |
| Feb | 21 | 24 | 4 | 17.87% |
| Mar | 10 | 12 | 2 | 17.87% |
| Total | 449 | 529 | 80 | 17.77% |

| Wood Waste Tonnes | | | | |
|-------------------|-----------|-----------|------------|-------|
| | 2019/2020 | 2020/2021 | 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 Centre & Charity | After 5 months of 2020/2021 | Printed 11/09/2020 13:59 |
| = Forecast Figures | | |

| Tonnage | 2019/2020 | 2020/2021 | 2020/2021 | Difference to Budget | | 2020/2021 | Budget | Projected | Projected |
|-------------------|-----------|-----------|-----------|----------------------|------------|-----------|-----------|-----------|------------|
| | Outturn | Budget | Forecast | Tonnes | Percentage | £/Tonne | 2020/2021 | 2020/2021 | 2020/2021 |
| | | | | | | | Cost £ | Cost £ | Variance £ |
| Batteries | 24 | 31 | 43 | 13 | 41% | 61.00 | 1,867 | 2,638 | 771 |
| Clinical Waste | - | - | - | - | - | 600.00 | - | - | - |
| Co-Mingled | 538 | 588 | 213 | 375 | -63.8% | 28.00 | 16,477 | 5,966 | 10,512 |
| Detritus Waste | - | - | - | - | - | 83.00 | - | - | - |
| Electricals | 726 | 733 | 652 | 82 | -11.1% | 53.50 | 39,219 | 34,859 | 4,360 |
| Fridges | 79 | 76 | 69 | 8 | -10.1% | 52.00 | 3,972 | 3,569 | 403 |
| Gas Bottles | - | 13 | 3 | 10 | -75.0% | 139.50 | 1,794 | 449 | 1,345 |
| General Waste | 8,865 | 8,957 | 7,583 | 1,373 | -15.3% | 154.00 | 1,379,324 | 1,167,846 | 211,478 |
| Carpet | 375 | 392 | 330 | 62 | -15.7% | 154.00 | 60,350 | 50,846 | 9,504 |
| Green Waste | 3,171 | 3,186 | 2,478 | 708 | -22.2% | 103.00 | 328,151 | 255,267 | 72,884 |
| Inert Waste | 1,677 | 1,803 | 1,395 | 408 | -22.6% | 31.50 | 56,807 | 43,957 | 12,850 |
| Paint & Oil | 17 | 18 | 10 | 8 | -42.1% | 132.50 | 2,378 | 1,376 | 1,002 |
| Paper & Cardboard | 962 | 977 | 907 | 70 | -7.2% | 18.00 | 17,584 | 16,324 | 1,260 |
| Scrap Metals | 666 | 658 | 465 | 193 | -29.3% | 21.97 | 14,465 | 10,223 | 4,242 |
| Textiles | 254 | 257 | 223 | 34 | -13.2% | 199.50 | 51,333 | 44,557 | 6,775 |
| Tyres | - | - | - | - | - | 297.00 | - | - | - |
| Wood | 3,773 | 4,041 | 2,839 | 1,202 | -29.7% | 110.50 | 446,578 | 313,744 | 132,834 |
| Grand Total | 21,128 | 21,731 | 17,212 | 4,519 | -20.8% | Sub-Total | 2,288,704 | 1,842,062 | 446,642 |
| Contamination | 69 | 75 | 29 | 46 | -61.1% | 154.00 | 11,550 | 4,495 | 7,055 |
| Grand Total | | | | | | | 2,300,254 | 1,846,557 | 453,698 |

| Forecast Tonnes | | | |
|-------------------|-----------|-----------|-----------|
| | 2021/2022 | 2022/2023 | 2023/2024 |
| Batteries | 43 | 43 | 43 |
| Clinical Waste | - | - | - |
| Co-Mingled | 213 | 213 | 211 |
| Detritus Waste | - | - | - |
| Electricals | 652 | 652 | 646 |
| Fridges | 69 | 69 | 68 |
| Gas Bottles | 3 | 3 | 3 |
| General Waste | 7,583 | 7,583 | 7,523 |
| Carpet | 330 | 330 | 328 |
| Green Waste | 2,478 | 2,478 | 2,459 |
| Inert Waste | 1,395 | 1,395 | 1,384 |
| Paint & Oil | 10 | 10 | 10 |
| Paper & Cardboard | 907 | 907 | 900 |
| Scrap Metals | 465 | 465 | 462 |
| Textiles | 223 | 223 | 222 |
| Tyres | - | - | - |
| Wood | 2,839 | 2,839 | 2,817 |
| Grand Total | 17,212 | 17,212 | 17,076 |
| Contamination | 29 | 29 | 29 |

| Co-Mingled Contamination | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | 2020/2021 |
| Apr | 12.6% | 15.0% | 14.0% | 11.4% | 9.9% |
| May | 12.6% | 14.3% | 12.2% | 13.2% | 13.1% |
| Jun | 14.8% | 13.2% | 13.9% | 13.1% | 11.6% |
| Jul | 12.9% | 16.6% | 15.1% | 12.4% | 14.3% |
| Aug | 13.2% | 16.9% | 14.8% | 14.0% | 14.8% |
| Sep | 13.5% | 12.5% | 16.3% | 12.5% | 13.7% |
| Oct | 12.9% | 14.3% | 15.5% | 12.5% | 13.7% |
| Nov | 13.7% | 14.0% | 13.6% | 12.5% | 13.7% |
| Dec | 13.4% | 15.4% | 16.4% | 12.7% | 13.7% |
| Jan | 15.1% | 14.5% | 14.7% | 15.0% | 13.7% |
| Feb | 14.3% | 13.4% | 13.4% | 13.9% | 13.7% |
| Mar | 14.8% | 14.6% | 12.8% | 11.4% | 13.7% |
| Average | 13.6% | 14.6% | 14.6% | 12.8% | 13.7% |
| Budget | | | | 12.7% | |

| Working Days | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 |
| Total | 254 | 253 | 253 | 253 | 251 |
| Diff from Year before | | -1 | 0 | 0 | -2 |
| Change | | -0.39% | 0.00% | 0.00% | -0.79% |

| General Waste Tonnes | | | | | |
|----------------------|-----------|-----------|------------|---------|--|
| | 2019/2020 | 2020/2021 | Difference | | |
| Apr | 873 | 1 | 872 | -99.92% | |
| May | 949 | 599 | 349 | -36.82% | |
| Jun | 784 | 1,065 | 281 | 35.87% | |
| Jul | 867 | 1,053 | 187 | 21.57% | |
| Aug | 897 | 1,008 | 111 | 12.38% | |
| Sep | 772 | 662 | 110 | -14.22% | |
| Oct | 663 | 569 | 94 | -14.22% | |
| Nov | 628 | 539 | 89 | -14.22% | |
| Dec | 608 | 522 | 86 | -14.22% | |
| Jan | 669 | 574 | 95 | -14.22% | |
| Feb | 586 | 503 | 83 | -14.22% | |
| Mar | 570 | 489 | 81 | -14.22% | |
| Total | 8,865 | 7,583 | 1,282 | -14.46% | |

| Co-Mingled Tonnes | | | | | |
|-------------------|-----------|-----------|------------|----------|--|
| | 2019/2020 | 2020/2021 | Difference | | |
| Apr | 55 | - | 55 | -100.00% | |
| May | 56 | 5 | 51 | -91.00% | |
| Jun | 60 | 29 | 31 | -51.90% | |
| Jul | 55 | 34 | 20 | -37.15% | |
| Aug | 47 | 39 | 8 | -16.99% | |
| Sep | 37 | 15 | 22 | -60.30% | |
| Oct | 32 | 13 | 19 | -60.30% | |
| Nov | 39 | 15 | 23 | -60.30% | |
| Dec | 55 | 22 | 33 | -60.30% | |
| Jan | 41 | 16 | 25 | -60.30% | |
| Feb | 28 | 11 | 17 | -60.30% | |
| Mar | 34 | 13 | 20 | -60.30% | |
| Total | 538 | 213 | 325 | -60.41% | |

| Detritus Waste Tonnes | | | | |
|-----------------------|-----------|-----------|------------|-------|
| | 2019/2020 | 2020/2021 | 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 | | | | |
|---------------------------------|-----------|-----------|------------|----------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 6 | - | 6 | -100.00% |
| May | 7 | 1 | 7 | -91.04% |
| Jun | 8 | 3 | 5 | -57.37% |
| Jul | 7 | 5 | 2 | -27.40% |
| Aug | 7 | 6 | 1 | -12.08% |
| Sep | 5 | 2 | 3 | -56.42% |
| Oct | 4 | 2 | 2 | -56.42% |
| Nov | 5 | 2 | 3 | -56.36% |
| Dec | 7 | 3 | 4 | -57.16% |
| Jan | 6 | 2 | 4 | -63.68% |
| Feb | 4 | 2 | 2 | -60.79% |
| Mar | 4 | 2 | 2 | -52.32% |
| Total | 69 | 29 | 40 | -57.77% |

| Green Waste Tonnes | | | | |
|--------------------|-----------|-----------|------------|----------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 363 | - | 363 | -100.00% |
| May | 407 | 293 | 113 | -27.85% |
| Jun | 372 | 448 | 75 | 20.27% |
| Jul | 334 | 365 | 31 | 9.18% |
| Aug | 356 | 322 | 34 | -9.43% |
| Sep | 296 | 232 | 64 | -21.58% |
| Oct | 211 | 166 | 46 | -21.58% |
| Nov | 226 | 177 | 49 | -21.58% |
| Dec | 174 | 136 | 38 | -21.58% |
| Jan | 157 | 123 | 34 | -21.58% |
| Feb | 120 | 94 | 26 | -21.58% |
| Mar | 155 | 122 | 33 | -21.58% |
| Total | 3,171 | 2,478 | 692 | -21.83% |

| Wood Waste Tonnes | | | | |
|-------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 363 | 13 | 351 | -96.53% |
| May | 321 | 91 | 231 | -71.79% |
| Jun | 313 | 389 | 76 | 24.27% |
| Jul | 409 | 443 | 34 | 8.19% |
| Aug | 370 | 398 | 28 | 7.70% |
| Sep | 363 | 274 | 89 | -24.54% |
| Oct | 270 | 204 | 66 | -24.54% |
| Nov | 277 | 209 | 68 | -24.54% |
| Dec | 276 | 208 | 68 | -24.54% |
| Jan | 256 | 193 | 63 | -24.54% |
| Feb | 271 | 205 | 67 | -24.54% |
| Mar | 283 | 213 | 69 | -24.54% |
| Total | 3,773 | 2,839 | 933 | -24.74% |

| | | |
|-----------------------------------|-----------------------------|--------------------------|
| Western Riverside Waste Authority | After 5 months of 2020/2021 | Printed 11/09/2020 13:59 |
| = Forecast Figures | | |

| Tonnage | 2019/2020 | 2020/2021 | 2020/2021 | Difference to Budget | | 2020/2021 | Budget | Projected | Projected |
|-------------------|-----------|-----------|-----------|----------------------|------------|-----------|------------|------------|------------|
| | Outturn | Budget | Forecast | Tonnes | Percentage | £/Tonne | 2020/2021 | 2020/2021 | 2020/2021 |
| | | | | | | | Cost £ | Cost £ | Variance £ |
| Batteries | 25 | 31 | 44 | 12 | 39% | 61.00 | 1,908 | 2,659 | 751 |
| Clinical Waste | 88 | 89 | 73 | 16 | -18.2% | 600.00 | 53,634 | 43,889 | 9,746 |
| Co-Mingled | 68,100 | 66,978 | 70,693 | 3,715 | 5.5% | 28.00 | 1,875,386 | 1,979,399 | 104,013 |
| Detritus Waste | 4,829 | 4,843 | 4,666 | 177 | -3.7% | 83.00 | 402,006 | 387,281 | 14,725 |
| Electricals | 887 | 861 | 768 | 93 | -10.8% | 53.50 | 46,060 | 41,087 | 4,973 |
| Fridges | 546 | 549 | 439 | 110 | -20.0% | 52.00 | 28,528 | 22,830 | 5,699 |
| Gas Bottles | 7 | 17 | 9 | 8 | -46.7% | 139.50 | 2,433 | 1,296 | 1,136 |
| General Waste | 285,297 | 283,180 | 274,472 | 8,708 | -3.1% | 154.00 | 43,609,764 | 42,268,699 | 1,341,065 |
| Carpet | 375 | 392 | 330 | 62 | -15.7% | 154.00 | 60,350 | 50,846 | 9,504 |
| Green Waste | 4,911 | 4,886 | 4,539 | 347 | -7.1% | 103.00 | 503,210 | 467,504 | 35,706 |
| Inert Waste | 1,699 | 1,816 | 1,424 | 391 | -21.5% | 31.50 | 57,194 | 44,871 | 12,322 |
| Paint & Oil | 17 | 18 | 10 | 8 | -42.1% | 132.50 | 2,378 | 1,376 | 1,002 |
| Paper & Cardboard | 1,385 | 1,364 | 1,344 | 20 | -1.5% | 18.00 | 24,544 | 24,185 | 359 |
| Scrap Metals | 803 | 786 | 569 | 217 | -27.6% | 21.97 | 17,260 | 12,500 | 4,760 |
| Textiles | 254 | 257 | 223 | 34 | -13.2% | 199.50 | 51,333 | 44,557 | 6,775 |
| Tyres | 10 | 7 | 12 | 4 | 60.3% | 297.00 | 2,205 | 3,535 | 1,330 |
| Wood | 3,914 | 4,242 | 2,839 | 1,402 | -33.1% | 110.50 | 468,704 | 313,744 | 154,960 |
| Grand Total | 373,146 | 370,316 | 362,455 | 7,861 | -2.1% | Sub-Total | 47,069,711 | 45,596,144 | 1,473,568 |
| Contamination | 8,760 | 8,496 | 9,002 | 506 | 6.0% | 154.00 | 1,308,384 | 1,386,356 | 77,972 |
| Grand Total | | | | | | | 48,378,095 | 46,982,499 | 1,395,596 |

| Forecast Tonnes | | | |
|-------------------|-----------|-----------|-----------|
| | 2021/2022 | 2022/2023 | 2023/2024 |
| Batteries | 44 | 44 | 43 |
| Clinical Waste | 73 | 73 | 73 |
| Co-Mingled | 70,693 | 70,693 | 70,134 |
| Detritus Waste | 4,666 | 4,666 | 4,629 |
| Electricals | 768 | 768 | 762 |
| Fridges | 439 | 439 | 436 |
| Gas Bottles | 9 | 9 | 9 |
| General Waste | 274,472 | 274,472 | 272,302 |
| Carpet | 330 | 330 | 328 |
| Green Waste | 4,539 | 4,539 | 4,503 |
| Inert Waste | 1,424 | 1,424 | 1,413 |
| Paint & Oil | 10 | 10 | 10 |
| Paper & Cardboard | 1,344 | 1,344 | 1,333 |
| Scrap Metals | 569 | 569 | 564 |
| Textiles | 223 | 223 | 222 |
| Tyres | 12 | 12 | 12 |
| Wood | 2,839 | 2,839 | 2,817 |
| Grand Total | 362,455 | 362,455 | 359,590 |
| Contamination | 9,002 | 9,002 | 8,931 |

| Co-Mingled Contamination | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | 2020/2021 |
| Apr | 12.6% | 15.0% | 14.0% | 11.4% | 9.9% |
| May | 12.6% | 14.3% | 12.2% | 13.2% | 13.1% |
| Jun | 14.8% | 13.2% | 13.9% | 13.1% | 11.6% |
| Jul | 12.9% | 16.6% | 15.1% | 12.4% | 14.3% |
| Aug | 13.2% | 16.9% | 14.8% | 14.0% | 14.8% |
| Sep | 13.5% | 12.5% | 16.3% | 12.5% | 13.7% |
| Oct | 12.9% | 14.3% | 15.5% | 12.5% | 13.7% |
| Nov | 13.7% | 14.0% | 13.6% | 12.5% | 13.7% |
| Dec | 13.4% | 15.4% | 16.4% | 12.7% | 13.7% |
| Jan | 15.1% | 14.5% | 14.7% | 15.0% | 13.7% |
| Feb | 14.3% | 13.4% | 13.4% | 13.9% | 13.7% |
| Mar | 14.8% | 14.6% | 12.8% | 11.4% | 13.7% |
| Average | 13.6% | 14.6% | 14.6% | 12.8% | 13.7% |
| | | | | Budget | 12.7% |

| Working Days | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 |
| Total | 254 | 253 | 253 | 253 | 251 |
| Diff from Year before | | -1 | 0 | 0 | -2 |
| Change | | -0.39% | 0.00% | 0.00% | -0.79% |

| General Waste Tonnes | | | | |
|----------------------|-----------|-----------|------------|---------------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 23,884 | 21,803 | - | 2,081 -8.71% |
| May | 24,958 | 22,524 | - | 2,434 -9.75% |
| Jun | 23,230 | 24,902 | - | 1,671 7.19% |
| Jul | 25,797 | 24,620 | - | 1,177 -4.56% |
| Aug | 23,448 | 22,448 | - | 1,000 -4.26% |
| Sep | 23,293 | 22,427 | - | 867 -3.72% |
| Oct | 24,994 | 24,105 | - | 889 -3.56% |
| Nov | 23,913 | 23,006 | - | 907 -3.79% |
| Dec | 24,280 | 23,406 | - | 873 -3.60% |
| Jan | 23,562 | 22,757 | - | 805 -3.42% |
| Feb | 20,927 | 20,175 | - | 752 -3.59% |
| Mar | 23,012 | 22,299 | - | 713 -3.10% |
| Total | 285,298 | 274,472 | - | 10,826 -3.79% |

| Co-Mingled Tonnes | | | | |
|-------------------|-----------|-----------|------------|--------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 5,420 | 5,452 | 32 | 0.59% |
| May | 5,780 | 5,609 | 171 | -2.97% |
| Jun | 5,369 | 6,259 | 890 | 16.57% |
| Jul | 5,976 | 6,140 | 164 | 2.75% |
| Aug | 5,176 | 5,152 | 24 | -0.47% |
| Sep | 5,499 | 5,689 | 190 | 3.45% |
| Oct | 5,953 | 6,187 | 234 | 3.94% |
| Nov | 5,660 | 5,868 | 209 | 3.69% |
| Dec | 6,279 | 6,528 | 248 | 3.96% |
| Jan | 6,177 | 6,486 | 309 | 5.01% |
| Feb | 5,122 | 5,343 | 222 | 4.33% |
| Mar | 5,689 | 5,980 | 291 | 5.11% |
| Total | 68,099 | 70,693 | 2,594 | 3.81% |

| Detritus Waste Tonnes | | | | |
|-----------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 309 | 313 | 4 | 1.29% |
| May | 358 | 340 | 18 | -4.96% |
| Jun | 348 | 351 | 3 | 0.82% |
| Jul | 346 | 321 | 25 | -7.33% |
| Aug | 392 | 352 | 40 | -10.18% |
| Sep | 412 | 399 | 13 | -3.08% |
| Oct | 481 | 467 | 14 | -2.84% |
| Nov | 746 | 726 | 20 | -2.72% |
| Dec | 472 | 463 | 9 | -1.94% |
| Jan | 345 | 334 | 11 | -3.08% |
| Feb | 346 | 333 | 13 | -3.74% |
| Mar | 273 | 266 | 7 | -2.61% |
| Total | 4,829 | 4,666 | 163 | -3.37% |

| Co-mingled Contamination Tonnes | | | | |
|---------------------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 616 | 540 | 76 | -12.30% |
| May | 762 | 737 | 25 | -3.34% |
| Jun | 704 | 727 | 23 | 3.32% |
| Jul | 738 | 876 | 138 | 18.68% |
| Aug | 724 | 763 | 39 | 5.42% |
| Sep | 686 | 722 | 36 | 5.26% |
| Oct | 743 | 787 | 44 | 5.95% |
| Nov | 705 | 745 | 40 | 5.61% |
| Dec | 797 | 830 | 33 | 4.17% |
| Jan | 925 | 829 | 96 | -10.39% |
| Feb | 710 | 681 | 29 | -4.13% |
| Mar | 649 | 765 | 116 | 17.81% |
| Total | 8,760 | 9,002 | 243 | 2.77% |

| Green Waste Tonnes | | | | |
|--------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 399 | 50 | 349 | -87.44% |
| May | 465 | 360 | 105 | -22.55% |
| Jun | 454 | 542 | 88 | 19.48% |
| Jul | 423 | 458 | 35 | 8.35% |
| Aug | 431 | 408 | 23 | -5.23% |
| Sep | 396 | 352 | 44 | -11.00% |
| Oct | 350 | 333 | 17 | -4.95% |
| Nov | 514 | 536 | 22 | 4.18% |
| Dec | 397 | 412 | 14 | 3.64% |
| Jan | 674 | 715 | 40 | 5.97% |
| Feb | 210 | 203 | 7 | -3.42% |
| Mar | 197 | 170 | 27 | -13.84% |
| Total | 4,911 | 4,539 | 372 | -7.57% |

| Wood Waste Tonnes | | | | |
|-------------------|-----------|-----------|------------|---------|
| | 2019/2020 | 2020/2021 | Difference | |
| Apr | 395 | 13 | 383 | -96.81% |
| May | 348 | 91 | 258 | -73.98% |
| Jun | 333 | 389 | 56 | 16.77% |
| Jul | 434 | 443 | 9 | 2.06% |
| Aug | 389 | 398 | 10 | 2.48% |
| Sep | 380 | 274 | 106 | -27.93% |
| Oct | 270 | 204 | 66 | -24.54% |
| Nov | 277 | 209 | 68 | -24.54% |
| Dec | 276 | 208 | 68 | -24.54% |
| Jan | 256 | 193 | 63 | -24.65% |
| Feb | 271 | 205 | 67 | -24.54% |
| Mar | 283 | 213 | 69 | -24.54% |
| Total | 3,913 | 2,839 | 1,074 | -27.44% |

After **5** months of 2020/2021**General Waste Delivered (Tonnes)**

| General Waste Delivered (Tonnes) | | | | | | Annual | | | | 2020/2021 | | Budget | |
|----------------------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|---|------------------|-------------------|------------------|---|------------------|-------------------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | | Change Tonnes | Change Percent | Budget Tonnes | | Change Tonnes | Change Percent |
| HF | 60,602 | 58,478 | 57,772 | 56,021 | 23,163 | 55,125 | - | 896 | -1.60% | 55,421 | - | 296 | -0.53% |
| KC | 60,292 | 59,730 | 59,581 | 58,209 | 18,550 | 44,136 | - | 14,074 | -24.18% | 57,965 | - | 13,829 | -23.86% |
| LA | 92,784 | 89,451 | 89,226 | 86,536 | 36,989 | 87,496 | | 960 | 1.11% | 86,356 | | 1,140 | 1.32% |
| WA | 79,034 | 77,251 | 76,028 | 75,666 | 33,868 | 80,132 | | 4,466 | 5.90% | 74,482 | | 5,650 | 7.59% |
| WRWA | 11,792 | 10,749 | 9,713 | 8,865 | 3,727 | 7,583 | - | 1,282 | -14.46% | 8,957 | - | 1,373 | -15.33% |
| Total | 304,504 | 295,660 | 292,321 | 285,298 | 116,297 | 274,472 | - | 10,826 | -3.79% | 283,180 | - | 8,708 | -3.08% |
| Change | - | 8,844 | - | 3,339 | - | 10,826 | | | | | | | |
| Percentage Change | | -2.90% | | -1.13% | | -3.79% | | | | | | | |

Co-Mingled Waste Delivered (Tonnes)

| Co-Mingled Waste Delivered (Tonnes) | | | | | | | Annual | | 2020/2021 | | Budget | | |
|-------------------------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|--------|------------------|-------------------|------------------|------------------|-------------------|---------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | | Change Tonnes | Change Percent | Budget Tonnes | Change Tonnes | Change Percent | |
| HF | 11,520 | 11,305 | 11,146 | 11,703 | 5,025 | 12,482 | | 780 | 6.66% | 11,543 | 939 | 8.13% | |
| KC | 16,307 | 15,889 | 16,087 | 15,961 | 4,873 | 11,869 | - | 4,092 | -25.64% | 15,995 | - | 4,126 | -25.80% |
| LA | 18,388 | 19,902 | 19,858 | 19,543 | 9,196 | 22,593 | | 3,050 | 15.61% | 19,078 | 3,515 | 18.43% | |
| WA | 20,180 | 19,900 | 20,173 | 20,355 | 9,410 | 23,535 | | 3,181 | 15.63% | 19,774 | 3,762 | 19.02% | |
| WRWA | 339 | 437 | 601 | 538 | 107 | 213 | - | 325 | -60.41% | 588 | - | 375 | -63.80% |
| Total | 66,733 | 67,433 | 67,864 | 68,099 | 28,611 | 70,693 | | 2,594 | 3.81% | 66,978 | 3,715 | 5.55% | |
| Change | | 700 | 431 | 235 | | 2,594 | | | | | | | |
| Percentage Change | | 1.05% | 0.64% | 0.35% | | 3.81% | | | | | | | |

Co-Mingled Contamination (Percentage)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Change in Percentage Point | |
|------|-----------|-----------|-----------|-----------|----------------------|-----------------------|----------------------------------|--|
| | | | | | | | | |
| HF | 14.02% | 14.09% | 15.19% | 13.62% | 12.63% | 12.63% | -0.99% | |
| KC | 11.86% | 12.23% | 11.66% | 10.64% | 10.44% | 10.44% | -0.20% | |
| LA | 13.90% | 16.46% | 16.40% | 14.31% | 14.00% | 14.00% | -0.31% | |
| WA | 14.73% | 14.80% | 14.14% | 12.78% | 12.72% | 12.72% | -0.06% | |
| WRWA | 13.64% | 14.59% | 14.57% | 12.84% | 13.70% | 13.70% | 0.85% | |

Co-Mingled Contamination (Tonnes)

| Co-Mingled Contamination (Tonnes) | | | | | | | Annual | | 2017/2018 | 2020/2021 | Budget | | | |
|-----------------------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|----------------------|------------------|------------------|-------------------|--------|---------|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Change Tonnes | Change Percent | Budget Percentage | Budget Tonnes | Change Tonnes | Change Percent | | |
| HF | 1,616 | 1,593 | 1,693 | 1,594 | 635 | 1,577 | - | 17 | -1.09% | 13.5% | 1,555 | 22 | 1.40% | |
| KC | 1,934 | 1,943 | 1,875 | 1,699 | 509 | 1,239 | - | 459 | -27.05% | 10.6% | 1,690 | - | 451 | -26.67% |
| LA | 2,556 | 3,276 | 3,257 | 2,796 | 1,288 | 3,163 | | 367 | 13.13% | 14.0% | 2,672 | 491 | 18.38% | |
| WA | 2,973 | 2,946 | 2,852 | 2,602 | 1,197 | 2,994 | | 392 | 15.08% | 12.7% | 2,504 | 490 | 19.57% | |
| WRWA | 46 | 64 | 88 | 69 | 15 | 29 | - | 40 | -57.77% | 12.7% | 75 | - | 46 | -61.09% |
| Total | 9,124 | 9,821 | 9,764 | 8,760 | 3,643 | 9,002 | | 243 | 2.77% | 12.7% | 8,496 | 506 | 5.96% | |
| Change | | 697 | - | 57 | - | 1,005 | | 243 | | | | | | |
| Percentage Change | | 7.64% | -0.58% | -10.29% | | 2.77% | | | | | | | | |

Green Waste Delivered (Tonnes)

| <u>Green Waste Delivered (Tonnes)</u> | | | | | | | Annual | | 2020/2021 | | Budget | |
|---------------------------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|------------------|------------------|-------------------|--|
| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Change Tonnes | Change Percent | Budget Tonnes | Change Tonnes | Change Percent | |
| HF | 114 | 115 | 121 | 83 | 0 | 84 | 1 | 1.12% | 4 | 81 | 2208.91% | |
| KC | 359 | 387 | 429 | 475 | 158 | 488 | 13 | 2.78% | 463 | 25 | 5.51% | |
| LA | 241 | 298 | 546 | 733 | 149 | 960 | 227 | 30.95% | 736 | 224 | 30.42% | |
| WA | 552 | 503 | 340 | 449 | 83 | 529 | 80 | 17.77% | 498 | 31 | 6.24% | |
| WRWA | 3,217 | 3,065 | 3,190 | 3,171 | 1,428 | 2,478 | - 692 | -21.83% | 3,186 | - 708 | -22.21% | |
| Total | 4,483 | 4,368 | 4,626 | 4,911 | 1,819 | 4,539 | - 372 | -7.57% | 4,886 | - 347 | -7.10% | |
| Change | - | 115 | 257 | 285 | - | 372 | | | | | | |
| Percentage Change | | -2.57% | 5.89% | 6.16% | | -7.57% | | | | | | |

Clinical Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 30 | 27 | 23 | 18 | 7 | 15 | 3 | -18.04% | 19 | 4 | -19.95% |
| KC | 3 | 2 | 2 | 1 | 0 | 1 | 0 | -26.46% | 1 | 1 | -38.57% |
| LA | 2 | 1 | 3 | 3 | 1 | 3 | 0 | 0.29% | 4 | 1 | -19.19% |
| WA | 60 | 65 | 64 | 66 | 22 | 54 | 12 | -17.73% | 66 | 11 | -17.15% |
| WRWA | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| Total | 95 | 96 | 92 | 88 | 31 | 73 | 15 | -17.31% | 89 | 16 | -18.17% |
| Change | | 1 | 4 | 3 | - | 15 | | | | | |
| Percentage Change | | 0.57% | -4.14% | -3.51% | | -17.31% | | | | | |

Detritus Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 813 | 733 | 611 | 449 | 147 | 400 | 48 | -10.81% | 411 | 11 | -2.57% |
| KC | 536 | 499 | 623 | 1,021 | 313 | 794 | 226 | -22.16% | 1,222 | 427 | -34.96% |
| LA | 587 | 610 | 760 | 518 | 208 | 630 | 112 | 21.56% | 518 | 113 | 21.78% |
| WA | 2,482 | 2,539 | 2,992 | 2,841 | 1,009 | 2,841 | 0 | 0.01% | 2,694 | 147 | 5.47% |
| WRWA | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| Total | 4,418 | 4,380 | 4,986 | 4,829 | 1,677 | 4,666 | 163 | -3.37% | 4,843 | 177 | -3.66% |
| Change | - | 38 | 606 | 157 | - | 163 | | | | | |
| Percentage Change | | -0.85% | 13.82% | -3.15% | | -3.37% | | | | | |

Battery Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 1 | 1 | 1 | 1 | 0 | 0 | 0 | -42.69% | 1 | 0 | -48.92% |
| KC | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| LA | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| WA | 0 | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| WRWA | 25 | 22 | 15 | 24 | 13 | 43 | 19 | 77.54% | 31 | 13 | 41.28% |
| Total | 25 | 23 | 15 | 25 | 13 | 44 | 19 | 74.65% | 31 | 12 | 39.34% |
| Change | - | 2 | 8 | 10 | | 19 | | | | | |
| Percentage Change | | -9.16% | -33.48% | 63.14% | | 74.65% | | | | | |

Electrical Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 44 | 15 | 9 | 20 | 5 | 39 | 19 | 92.67% | 11 | 28 | 248.90% |
| KC | 49 | 27 | 33 | 26 | 15 | 40 | 14 | 52.77% | 21 | 20 | 94.91% |
| LA | 194 | 172 | 122 | 113 | 54 | 36 | 78 | -68.56% | 94 | 59 | -62.14% |
| WA | 3 | 10 | 3 | 2 | 1 | 1 | 0 | -24.33% | 2 | 1 | -33.09% |
| WRWA | 806 | 738 | 751 | 726 | 286 | 652 | 75 | -10.27% | 733 | 82 | -11.12% |
| Total | 1,095 | 964 | 917 | 888 | 362 | 768 | 120 | -13.50% | 861 | 93 | -10.80% |
| Change | - | 131 | 47 | 29 | - | 120 | | | | | |
| Percentage Change | | -11.96% | -4.83% | -3.19% | | -13.50% | | | | | |

Fridge Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 101 | 94 | 91 | 89 | 36 | 92 | 2 | 2.77% | 85 | 6 | 7.04% |
| KC | 64 | 61 | 64 | 51 | 17 | 39 | 12 | -23.70% | 54 | 16 | -28.78% |
| LA | 212 | 182 | 179 | 174 | 82 | 145 | 29 | -16.54% | 160 | 15 | -9.44% |
| WA | 123 | 100 | 96 | 153 | 29 | 95 | 58 | -37.70% | 172 | 77 | -44.77% |
| WRWA | 86 | 65 | 78 | 79 | 29 | 69 | 11 | -13.55% | 76 | 8 | -10.14% |
| Total | 587 | 503 | 507 | 546 | 193 | 439 | 107 | -19.54% | 549 | 110 | -19.98% |
| Change | - | 83 | 4 | 39 | - | 107 | | | | | |
| Percentage Change | | -14.19% | 0.76% | 7.60% | | -19.54% | | | | | |

Gas Bottle Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 1 | 2 | 1 | 1 | 0 | 0 | 0 | -74.90% | 0 | 0 | -57.59% |
| KC | 0 | 1 | 1 | 1 | 1 | 3 | 2 | 191.26% | 1 | 2 | 214.77% |
| LA | 2 | 4 | 3 | 4 | - | - | 4 | -100.00% | 3 | 3 | -100.00% |
| WA | 1 | 2 | 1 | 1 | 0 | 3 | 3 | 362.24% | 0 | 3 | 1107.96% |
| WRWA | - | 19 | 15 | - | 3 | 3 | 3 | 0.00% | 13 | 10 | -74.96% |
| Total | 5 | 27 | 21 | 6 | 4 | 9 | 3 | 46.08% | 17 | 8 | -46.72% |
| Change | | 22 | 6 | 15 | | 3 | | | | | |
| Percentage Change | | 461.98% | -21.99% | -70.03% | | 46.08% | | | | | |

Carpet Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | 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 | - | - | 269 | 375 | 144 | 330 | 45 | -11.97% | 392 | 62 | -15.75% |
| Total | - | - | 269 | 375 | 144 | 330 | 45 | -11.97% | 392 | 62 | -15.75% |
| Change | | - | 269 | 106 | - | 45 | | | | | |
| Percentage Change | | | | 39.28% | | -11.97% | | | | | |

Inert Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | - | - | - | 5 | - | 6 | 0 | 0.56% | - | 6 | 0.00% |
| KC | 2 | - | - | - | 2 | 2 | 2 | 0.00% | - | 2 | 0.00% |
| LA | 10 | - | 1 | 2 | - | 2 | 0 | 0.56% | 2 | 1 | 35.96% |
| WA | 4 | 23 | 0 | 15 | 0 | 19 | 4 | 24.21% | 11 | 8 | 77.71% |
| WRWA | 1,061 | 1,212 | 1,624 | 1,677 | 729 | 1,395 | 282 | -16.80% | 1,803 | 408 | -22.62% |
| Total | 1,076 | 1,235 | 1,625 | 1,700 | 732 | 1,424 | 276 | -16.21% | 1,816 | 391 | -21.54% |
| Change | | 158 | 390 | 75 | - | 276 | | | | | |
| Percentage Change | | 14.72% | 31.62% | 4.61% | | -16.21% | | | | | |

Oil/Paint Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | - | - | 0 | - | - | - | - | 0.00% | - | - | 0.00% |
| KC | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| LA | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| WA | - | 0 | - | - | - | - | - | 0.00% | - | - | 0.00% |
| WRWA | 17 | 15 | 17 | 17 | 4 | 10 | 7 | -40.09% | 18 | 8 | -42.12% |
| Total | 17 | 15 | 17 | 17 | 4 | 10 | 7 | -40.09% | 18 | 8 | -42.12% |
| Change | - | 1 | 1 | 0 | - | 7 | | | | | |
| Percentage Change | | -8.08% | 9.04% | 2.73% | | -40.09% | | | | | |

Paper/Cardboard Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| KC | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| LA | 321 | 484 | 439 | 423 | 170 | 435 | 12 | 2.89% | 387 | 49 | 12.55% |
| WA | - | - | - | - | 2 | 2 | 2 | 0.00% | - | 2 | 0.00% |
| WRWA | 806 | 827 | 793 | 962 | 364 | 907 | 55 | -5.70% | 977 | 70 | -7.17% |
| Total | 1,127 | 1,311 | 1,232 | 1,385 | 536 | 1,344 | 41 | -2.96% | 1,364 | 20 | -1.46% |
| Change | | 185 | 79 | 152 | - | 41 | | | | | |
| Percentage Change | | 16.39% | -6.02% | 12.35% | | -2.96% | | | | | |

Scrap Metal Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 11 | 13 | 4 | 19 | 4 | 58 | 39 | 203.15% | 5 | 53 | 1022.97% |
| KC | 1 | 1 | 1 | 0 | - | 0 | 0 | 0.56% | - | 0 | 0.00% |
| LA | 150 | 115 | 112 | 114 | 22 | 35 | 79 | -69.39% | 122 | 87 | -71.41% |
| WA | 0 | 2 | 0 | 4 | 7 | 10 | 7 | 176.10% | 0 | 10 | 4591.14% |
| WRWA | 697 | 687 | 721 | 666 | 237 | 465 | 201 | -30.16% | 658 | 193 | -29.33% |
| Total | 859 | 818 | 837 | 803 | 270 | 569 | 234 | -29.17% | 786 | 217 | -27.58% |
| Change | - | 42 | 20 | 34 | - | 234 | | | | | |
| Percentage Change | | -4.86% | 2.42% | -4.08% | | -29.17% | | | | | |

Textile Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | 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 | 209 | 205 | 234 | 254 | 100 | 223 | - 30 | -12.01% | 257 | - 34 | -13.20% |
| Total | 209 | 205 | 234 | 254 | 100 | 223 | - 30 | -12.01% | 257 | - 34 | -13.20% |
| Change | - | 5 | 30 | 20 | - | 30 | | | | | |
| Percentage Change | | -2.25% | 14.42% | 8.46% | | -12.01% | | | | | |

Tyre Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 33.90% | - | 1 | 0.00% |
| KC | 0 | 0 | - | - | - | - | - | 0.00% | - | - | 0.00% |
| LA | 8 | 12 | 12 | 8 | 2 | 3 | - 4 | -54.38% | 7 | - 3 | -48.12% |
| WA | 2 | 1 | 1 | 1 | 1 | 8 | 7 | 1065.55% | 1 | 7 | 991.43% |
| WRWA | - | - | 0 | - | - | - | - | 0.00% | - | - | 0.00% |
| Total | 11 | 13 | 13 | 9 | 3 | 12 | 3 | 34.63% | 7 | 4 | 60.33% |
| Change | | 2 | 1 | - 5 | | 3 | | | | | |
| Percentage Change | | 13.45% | 4.52% | -34.03% | | 34.63% | | | | | |

Wood Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| KC | - | 1 | 1 | 1 | - | - | - 1 | -100.00% | 1 | - 1 | -100.00% |
| LA | 273 | 245 | 251 | 140 | - | - | - 140 | -100.00% | 200 | - 200 | -100.00% |
| WA | - | - | - | - | - | - | - | 0.00% | - | - | 0.00% |
| WRWA | 3,223 | 3,165 | 3,474 | 3,773 | 1,333 | 2,839 | - 933 | -24.74% | 4,041 | - 1,202 | -29.74% |
| Total | 3,496 | 3,411 | 3,726 | 3,913 | 1,333 | 2,839 | - 1,074 | -27.44% | 4,242 | - 1,402 | -33.06% |
| Change | - | 86 | 315 | 187 | - | 1,074 | | | | | |
| Percentage Change | | -2.45% | 9.24% | 5.02% | | -27.44% | | | | | |

Total Waste Delivered (Tonnes)

| | 2016/2017 | 2017/2018 | 2018/2019 | 2019/2020 | TO DATE 2020/2021 | FORECAST 2020/2021 | Annual | | 2020/2021 Budget Tonnes | Budget | |
|-------------------|-----------|-----------|-----------|-----------|----------------------|-----------------------|------------------|-------------------|-------------------------------|------------------|-------------------|
| | | | | | | | Change Tonnes | Change Percent | | Change Tonnes | Change Percent |
| HF | 73,236 | 70,785 | 69,779 | 68,410 | 28,388 | 68,302 | - 108 | -0.16% | 67,500 | 802 | 1.19% |
| KC | 77,613 | 76,597 | 76,822 | 75,746 | 23,930 | 57,372 | - 18,373 | -24.26% | 75,721 | - 18,349 | -24.23% |
| LA | 113,172 | 111,477 | 111,510 | 108,311 | 46,874 | 112,338 | 4,027 | 3.72% | 107,665 | 4,674 | 4.34% |
| WA | 102,442 | 100,395 | 99,698 | 99,551 | 44,432 | 107,230 | 7,679 | 7.71% | 97,699 | 9,531 | 9.76% |
| WRWA | 22,277 | 21,208 | 21,494 | 21,128 | 8,505 | 17,212 | - 3,916 | -18.53% | 21,731 | - 4,519 | -20.79% |
| Total | 388,741 | 380,462 | 379,303 | 373,146 | 152,129 | 362,455 | - 10,691 | -2.87% | 370,316 | - 7,861 | -2.12% |
| Change | - | 8,279 | - 1,159 | - 6,157 | - | 10,691 | | | | | |
| Percentage Change | | -2.13% | -0.30% | -1.62% | | -2.87% | | | | | |



Councillor James Husband
Chairman of WRWA
Western Riverside
Transfer Station,
Smugglers Way,
Wandsworth,
LONDON SW18 1JS

Contact: Dr Liz Goodwin, OBE

Direct Line: 020 3963 0675

E-mail:
liz.goodwin@lwarb.gov.uk

Date: 16 July 20

Dear Councillor Husband,

Many thanks for your letter of 25th February asking LWARB to consider developing and running a London-wide waste prevention campaign.

Please accept my apologies for the delay in responding.

LWARB's Board and wider team would wholeheartedly agree with your assertion that waste prevention is a critical part of reducing our impact on the environment and supporting London's aspirations to become a low carbon circular city, and in particular the need to reduce London's consumption-based CO₂ emissions. Our new 2020-25 business plan is very clear on the need to work with policy-makers, businesses and citizens to help them play their part, and we consider behaviour change campaigns to be a powerful tool to help deliver our objectives in the capital.

As you know, LWARB already runs a number of award-winning campaigns including *London Recycles*, *#LoveNotLandfill* (our sustainable fashion campaign targeted at 16-24-year-old Londoners) and the EU-funded TRiFOCAL project's citizen campaign, *Small Change, Big Difference*. Both *#LoveNotLandfill* and *Small Change, Big Difference* have a strong waste prevention and re-use element; and the TRiFOCAL project has over the past three years achieved an average 9% reduction in avoidable food waste in six of the target boroughs worked with.

Small Change, Big Difference is unfortunately no longer funded, but the LWARB team are currently considering how to encourage sustainable food behaviours (with a strong focus on waste prevention) over the coming three years. *#LoveNotLandfill* will continue to look for opportunities across the capital to promote clothing donation, repair and re-use with young Londoners, and is currently seeking partnerships, collaborations and co-funding.

The *London Recycles* campaign is primarily focused on educating Londoners on what they can and cannot recycle in their council collection service, but has always engaged more widely on topics of reducing waste – albeit through its less formal channels, such as its social media

platforms. This year we are starting to look at extending the campaign's messaging more systematically into waste prevention, re-use, repair and use of circular products and services. As a first step, we will be running the first ever London Repair Week in October 2020. We would be delighted if WRWA were to support the team in developing the programme and run some local activity during the week.

LWARB has some funding in the business plan to support and extend these pre-existing campaigns over the coming three years – but there is currently no funding for a new campaign; nor is there budget for behaviour change activity beyond 2023. This is in the assumption that some of the EPR contributions will make their way into regional communications programmes, which we will be discussing with stakeholders as plans around EPR progress.

In addition, we need to provide Londoners with tools to enable them to make sustainable choices when it comes to reducing waste and consumption-based emissions. We cannot simply say 'buy less', especially given the economic crisis we face as a result of the COVID-19 pandemic. Circular economy business models however offer businesses and citizens a way to enable the economy to thrive whilst at the same time reducing waste and consumption-based emissions.

LWARB is developing a circular economy directory that will enable Londoners to access innovative goods and services that allow for greater use of recycled products and materials and for products to be designed to be more durable or repairable. The directory will also promote the sharing economy and provide citizens with the information they need to lease or use products as services.

I would welcome the WRWA boroughs becoming partners to help develop the circular economy directory to help us to promote a green recovery in London and to enable us to build back better.

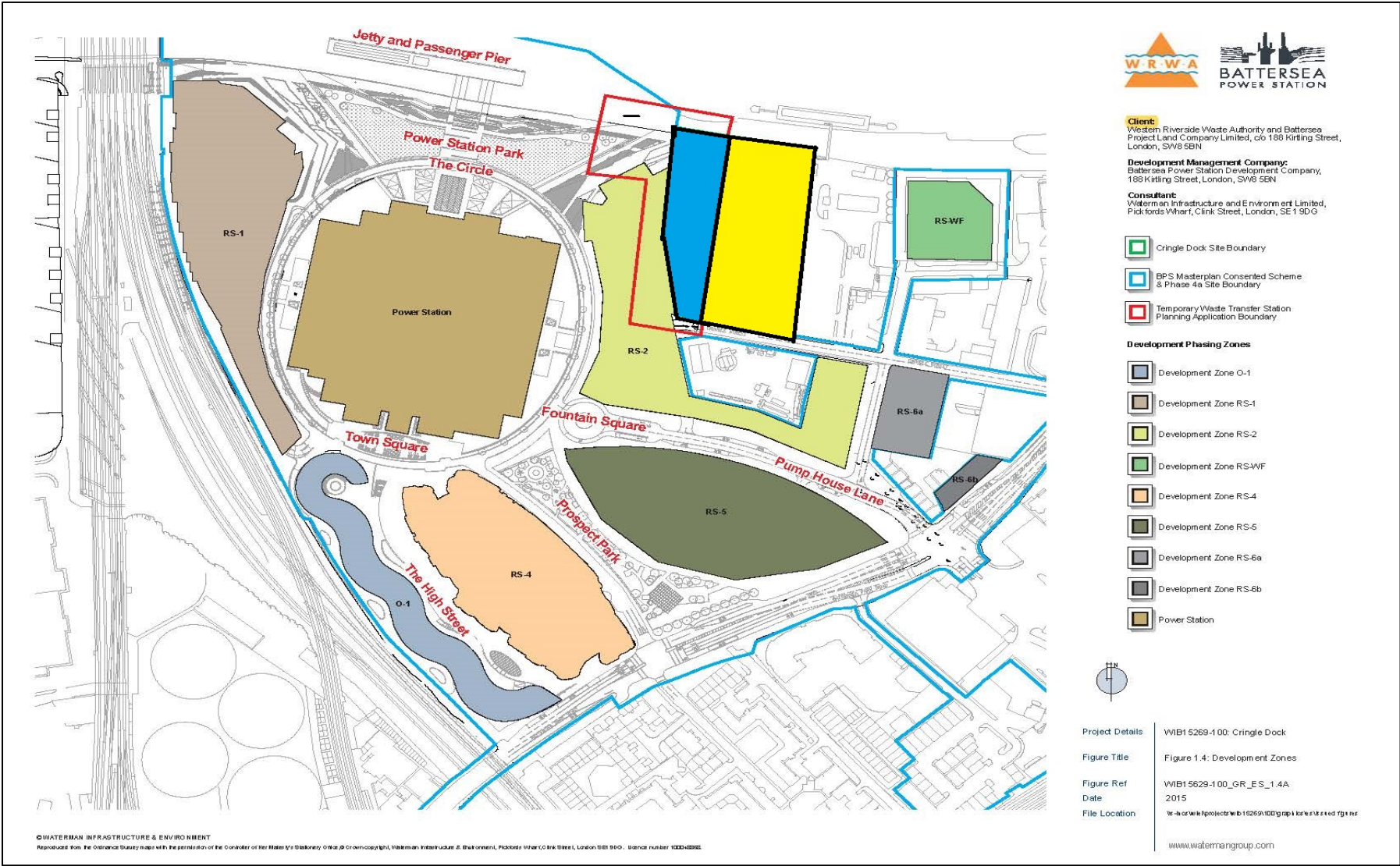
It seems that we have a real opportunity now, to harness growing awareness of the climate emergency and the role that materials use and waste have to play in tackling climate change. I have asked the team to contact Sharon and Mark to start the ball rolling.

Many thanks again for getting in touch, and I hope that we can capitalise on this opportunity and act together to achieve our shared objectives.

Yours sincerely



Dr Liz Goodwin
Chair, The London Waste and Recycling Board



Schedule 18 – The Wharves**1. Recital**

This Schedule 18 contains provisions in relation to the current and future protection of the operation of the Wharves and to Development Zone RS2.

2. Control Measures

2.1 The Owners shall not carry out any Material Operation to Development Zone RS2 until they have received the Council's written approval in accordance with the provisions of this Schedule 18.

2.2 The Owners shall use Best Endeavours with effect from the Start Date to reach agreement with the respective owners and/or operators of the Wharves (or their successors in title) to procure implementation of such control measures as are necessary to ensure that the impact of the use and operation of the Wharves may be acceptable to occupiers, visitors and members of the general public of the proposed Development Zone RS2 with particular regard to the amenity space, routes to entrances and the entrances themselves including air quality and noise levels. The Owners are to provide acceptable environmental conditions to the occupants, visitors and members of the general public. Such control measures may include (without limitation):

2.2.1 changes to internal cleaning and other housekeeping procedures within the Wharves;

2.2.2 alterations to the WTS which may include re-orientation of the Civic Amenity Area so that its public waste tipping bays are oriented away from the Development Zone RS2, the provision of higher walls to the bays and/or the installation of partial roofs and/or the installation of rubber linings to the bay surfaces to reduce noise;

2.2.3 the installation of new, or upgrade of existing, dust sprinklers, odour masking and extraction apparatus;

2.2.4 relocation of the Civic Amenity Area;

2.2.5 adoption of traffic management/marshalling system;

2.2.6 relocation of the weighbridge at the entrance to the WTS, and/or the provision of a remote vehicle queuing area to reduce noise from idling vehicles waiting to access the Wharves;

2.2.7 installation of roller shutter doors to the tipping halls in the WTS;

2.2.8 enclosure of the tipping halls and/or the Civic Amenity Area;

- 2.2.9 the provision of vehicle washing facilities; and/or
- 2.2.10 such other control measures as may be agreed between the Owners and the respective owners and/or operators of the Wharves (or their successors in title).
- 2.3 The Owners covenant with the Council with effect from the Start Date that they shall submit to the Council for its approval the Owners' proposed control measures referred to in Paragraph 2.2 in order for the Council to consider whether such control measures are capable of delivering an acceptable environment for the occupants of Development Zone RS2.
- 2.4 The Council shall assess the information referred to above and the Owners shall provide such additional data, information and reports that the Council may reasonably require.
- 2.5 Upon being satisfied that the Owner's proposed control measures will deliver an acceptable environment the Council will serve notice on the Owners requesting the Owners to provide a draft of the contract/contracts that the Owners intend to enter into with the owners and/or operators of the Wharves so that the Council may be satisfied that the control measures may be implemented and maintained permanently.
- 2.6 Subject to any comments the Council may have on such contract/contracts the Owners shall deliver to the Council such binding and executed contracts and on such delivery provided the Council has issued confirmation that it is reasonably satisfied with such contracts then the restriction in Paragraph 2.1 shall be deemed released.
- 2.7 For the purposes of this Schedule 18, service of notices on the Council shall be served on the Head of Environmental Services of the Council.
- 3. Steering Group**
- 3.1 The Owners may in order to facilitate performance of the obligation in Paragraph 2 establish a steering group (subject to the willingness of the respective owners and/or operators of the Wharves to participate in such a group) for sharing monitoring data and other information and implement control measures at the Wharves.
- 3.2 The Owners shall invite the Council, the Environment Agency and the Port of London Authority to be members of any such steering group.
- 3.3 The Owners shall invite the Head of Environmental Services (or a Council Officer nominated by him) to attend any meetings of such Steering Group or as the case may be meetings with the respective owners and/or operators of the Wharves and

to provide the Head of Environmental Services with such monitoring information or other information as he may reasonably request.

4. Alternative On Site Measures

- 4.1 In the event that the Owners having used their Best Endeavours pursuant to the provisions of Paragraphs 2 and 3 the Owners have not been able to enter into the contracts referred to in Paragraph 2.6, then subject to receiving the Council's confirmation that it agrees that the Owners have used their Best Endeavours the Owners may submit an application for a Reserved Matters Approval or if applicable an application for planning permission for the development of Development Zone RS2 which includes provision of an indoor or covered residents' amenity space PROVIDED THAT nothing contained in this Paragraph 4.1 shall require the Council to give Reserved Matter Approval or to grant such planning permission.
- 4.2 Where the Council gives Reserved Matters Approval or grants such planning permission, it may require a planning obligation pursuant to Section 106 of the Act to be entered into requiring the Owners to allow residents of Development Zone RS2 freely to access and use the private communal open space within another Development Zone.
- 4.3 In the circumstances referred to in Paragraph 4.1, once the Council has given such Reserved Matters Approval or has granted such planning permission, then the restriction in Paragraph 2.1 shall be deemed released PROVIDED THAT the development on that Development Zone RS2 is built out in accordance with the approval of Reserved Matters or the planning permission referred to in Paragraph 4.2 as the case may be.

5. Restriction on Occupation

The proposed development on Development Zone RS2 shall not be Occupied until either the control measures approved by the Council referred to in Paragraph 2 or the alternative on-site measures approved by the Council referred to in Paragraph 4 have been fully implemented.

6. Monitoring

- 6.1 The Owners shall provide such information and/or documentation as the Council may from time to time reasonably request in relation to the implementation of the control measures and the Owners' obligations contained in this Schedule 18.
- 6.2 The Owners covenant with the Council that for a period of two years from Occupation of Development Zone RS2 they shall undertake local air quality monitoring (the details of which having first been approved by the Council) at their own expense at a site or sites required by the Council and to provide full details of such monitoring to the Council.
- 6.3 If during the monitoring period referred to in Paragraph 6.2 the Council serves written notice on the Owners stating that in its reasonable opinion the local air

quality monitoring results indicate that the local air quality is unsatisfactory (having regard to the air quality standards applicable at that time), the Owners shall at their own expense implement such further control measures as may be required by the Council or with the consent of the Council as may be agreed between the Owners and the operators of the Wharves (including any necessary planning permission having been obtained and PROVIDED THAT the Council shall not be under any obligation to grant any such planning permission) and which have been approved or required by the Council PROVIDED THAT the Owners shall not be required to implement or pay for further control measures that are or would be required in order for the operators of the Wharves to be regarded as complying with the standards required by their respective operating licences.