

GREATER MANCHESTER WASTE & RECYCLING COMMITTEE

DATE: Wednesday, 13th January, 2021

TIME: 9.30 am

VENUE: This meeting will be held virtually via Microsoft Teams and will be live-streamed for public viewing. The link to watch the meeting is available on the meetings page of the GMCA website

AGENDA

1. **Apologies**
2. **Chairs Announcements and Urgent Business**
3. **Declarations of Interest** 1 - 4

To receive declarations of interest in any item for discussion at the meeting. A blank form for declaring interests has been circulated with the agenda; please ensure that this is returned to the Governance & Scrutiny Officer prior to the start of the meeting.
4. **Minutes of the Greater Manchester Waste and Recycling Committee - 14 October 2020** 5 - 14

To consider the approval of the minute of the meeting held on 14 October 2020.
5. **Greater Manchester Waste & Recycling Committee Work Programme 2020/21** 15 - 16

Report of David Taylor, Executive Director, GMCA Waste and Resources.
6. **Waste and Resources Communications and Behavioural Change Plan 2021/22** 17 - 30

Report of Michelle Whitfield, Head of Communications and Behavioural

BOLTON	MANCHESTER	ROCHDALE	STOCKPORT	TRAFFORD
BURY	OLDHAM	SALFORD	TAMESIDE	WIGAN

Please note that this meeting will be livestreamed via www.greatermanchester-ca.gov.uk, please speak to a Governance Officer before the meeting should you not wish to consent to being included in this recording.

Change, GMCA Waste and Resources Team.

7. Contracts Update 31 - 42

Report of Justin Lomax, Head of Contract Services, GMCA Waste and Resources Team.

8. Budget and Levy 2021/22 and Medium Term Financial Plan to 2024/25 43 - 56

Report of Steve Wilson, Treasurer to the GMCA.

9. Biowaste Management Strategy 57 - 62

Report of Paul Morgan, Head of Commercial Services, Waste and Resources Team.

10. Date and Times of Future Meetings

All meetings will be held via Microsoft Teams unless advised otherwise, current scheduled date:

14 April 2021, 9.30am

11. Exclusion of the Press and the Public

That, under section 100 (A)(4) of the Local Government Act 1972 the press and public should be excluded from the meeting for the following items on business on the grounds that this involved the likely disclosure of exempt information, as set out in the relevant paragraphs of Part 1, Schedule 12A of the Local Government Act 1972 and that the public interest in maintaining the exemption outweighed the public interest in disclosing the information.

PART B

12. Contract Update 63 - 72

Report of Justin Lomax, Head of Contract Services, Waste and Resources Team.

13. Biowaste Management Strategy 73 - 80

Report of Paul Morgan, Head of Commercial Services, Waste and Resources Team.

Membership

Name	Organisation	Political Party
Councillor Rabnawaz Akbar	Manchester City Council	Labour
Councillor Shaukat Ali	Manchester City Council	Labour
Councillor Tom Besford	Rochdale Council	Labour
Councillor Roy Driver	Stockport Council	Labour
Councillor Susan Emmott	Rochdale Council	Labour
Councillor Helen Foster-Grime	Stockport Council	Liberal Democrats
Councillor Robin Garrido	Salford City Council	Conservative
Councillor Allison Gwynne	Tameside Council	Labour
Councillor Paul Lally	Trafford Council	Conservative
Councillor David Lancaster	Salford City Council	Labour
Councillor Judith Lloyd	Trafford Council	Labour
Councillor Alan Quinn	Bury Council	Labour
Councillor Yasmin Toor	Oldham Council	Labour
Councillor Ateeque Ur-Rehman	Oldham Council	Labour
Councillor Adele Warren	Bolton Council	Conservative

For copies of papers and further information on this meeting please refer to the website www.greatermanchester-ca.gov.uk. Alternatively, contact the following

Governance & Scrutiny Officer: Nicola Ward

✉ Nicola.ward@greatermanchester-ca.gov.uk

This agenda was issued on Date Not Specified on behalf of Julie Connor, Secretary to the Greater Manchester Combined Authority, Churchgate House, 56 Oxford Street, Manchester M1 6EU

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GM Waste & Recycling Committee – 13 January 2020

Declaration of Councillors' Interests in Items Appearing on the Agenda

NAME: _____

DATE: _____

Minute Item No. / Agenda Item No.	Nature of Interest	Type of Interest
		Personal / Prejudicial / Disclosable Pecuniary
		Personal / Prejudicial / Disclosable Pecuniary
		Personal / Prejudicial / Disclosable Pecuniary
		Personal / Prejudicial / Disclosable Pecuniary
		Personal / Prejudicial / Disclosable Pecuniary
		Personal / Prejudicial / Disclosable Pecuniary

Please see overleaf for a quick guide to declaring interests at GMCA meetings.

QUICK GUIDE TO DECLARING INTERESTS AT GMCA MEETINGS

This is a summary of the rules around declaring interests at meetings. It does not replace the Member's Code of Conduct, the full description can be found in the GMCA's constitution Part 7A.

Your personal interests must be registered on the GMCA's Annual Register within 28 days of your appointment onto a GMCA committee and any changes to these interests must notified within 28 days. Personal interests that should be on the register include:

- Bodies to which you have been appointed by the GMCA
- Your membership of bodies exercising functions of a public nature, including charities, societies, political parties or trade unions.

You are also legally bound to disclose the following information called DISCLOSABLE PERSONAL INTERESTS which includes:

- You, and your partner's business interests (eg employment, trade, profession, contracts, or any company with which you are associated)
- You and your partner's wider financial interests (eg trust funds, investments, and assets including land and property).
- Any sponsorship you receive.

FAILURE TO DISCLOSE THIS INFORMATION IS A CRIMINAL OFFENCE

STEP ONE: ESTABLISH WHETHER YOU HAVE AN INTEREST IN THE BUSINESS OF THE AGENDA

If the answer to that question is 'No' – then that is the end of the matter. If the answer is 'Yes' or Very Likely' then you must go on to consider if that personal interest can be construed as being a prejudicial interest.

STEP TWO: DETERMINING IF YOUR INTEREST PREJUDICIAL?

A personal interest becomes a prejudicial interest:

- where the well being, or financial position of you, your partner, members of your family, or people with whom you have a close association (people who are more than just an acquaintance) are likely to be affected by the business of the meeting more than it would affect most people in the area.
- the interest is one which a member of the public with knowledge of the relevant facts would reasonably regard as so significant that it is likely to prejudice your judgement of the public interest.

FOR A NON PREJUDICIAL INTEREST

YOU MUST

- Notify the governance officer for the meeting as soon as you realise you

FOR PREJUDICIAL INTERESTS

YOU MUST

- Notify the governance officer for the meeting as soon as you realise you

have an interest

- Inform the meeting that you have a personal interest and the nature of the interest
- Fill in the declarations of interest form

TO NOTE:

- You may remain in the room and speak and vote on the matter
- If your interest relates to a body to which the GMCA has appointed you to you only have to inform the meeting of that interest if you speak on the matter.

have a prejudicial interest (before or during the meeting)

- Inform the meeting that you have a prejudicial interest and the nature of the interest
- Fill in the declarations of interest form
- Leave the meeting while that item of business is discussed
- Make sure the interest is recorded on your annual register of interests form if it relates to you or your partner's business or financial affairs. If it is not on the Register update it within 28 days of the interest becoming apparent.

YOU MUST NOT:

- participate in any discussion of the business at the meeting, or if you become aware of your disclosable pecuniary interest during the meeting participate further in any discussion of the business,
- participate in any vote or further vote taken on the matter at the meeting

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MINUTES OF THE MEETING OF THE GMCA WASTE AND RECYCLING COMMITTEE HELD ON WEDNESDAY 14 OCTOBER 2020 VIA MICROSOFT TEAMS

PRESENT:

Councillor Adele Warren	Bolton
Councillor Alan Quinn (Chair)	Bury
Councillor Rabnawaz Akbar	Manchester
Councillor Ateeque Ur-Rehman	Oldham
Councillor YasminToor	Oldham
Councillor Susan Emmott	Rochdale
Councillor Tom Besford	Rochdale
Councillor David Lancaster	Salford
Councillor Robin Garrido	Salford
Councillor Roy Driver	Stockport
Councillor Helen Foster Grimes	Stockport
Councillor Judith Lloyd	Trafford

OFFICERS IN ATTENDANCE:

David Taylor	GMCA – Executive Director, Waste & Resources
Paul Morgan	GMCA – Waste & Resources
Justin Lomax	GMCA – Waste & Resources
Lindsay Keech	GMCA – Waste & Resources
Michelle Whitfield	GMCA – Waste & Resources
Michael Kelly	GMCA – Waste & Resources
Gwynne Williams	GMCA – Deputy Monitoring Officer
Sarah Mellor	GMCA – Environment Team
Kerry Bond	GMCA – Governance & Scrutiny

WRC 20/46

APOLOGIES

Apologies for absence were received and noted from Councillors Alison Gwynne (Tameside) and Shaukat Ali (Manchester).

WRC 20/47

CHAIR'S ANNOUNCEMENTS AND URGENT BUSINESS

There were no announcements or items of urgent business reported.

WRC 20/48

DECLARATIONS OF INTEREST

There were no declarations of interest reported by any Member in respect of any item on the agenda.

WRC 20/49

MEMBERS' CODE OF CONDUCT AND ANNUAL DECLARATION OF INTEREST FORM

RESOLVED/-

1. That Members noted their obligations under the GMCA Members' Code of Conduct.
2. That members of the Committee complete the annual declaration of interest forms and return to the Governance and Scrutiny Officer as soon as possible for publication on the GMCA website be noted.

WRC 20/50

MINUTES OF THE MEETING HELD ON 22 JULY 2020

RESOLVED/-

That the minutes of the previous meeting, held on 22 July 2020, be approved as a correct record subject to the addition of Councillor Judith Lloyd to the list of those in attendance.

WRC 20/51

CONTRACTS UPDATE

Consideration was given to a report which provided the Committee with an update on performance of the Waste and Resource Management Services and Household Waste Recycling Centre (HWRC) Management Services Contracts that commenced on 1 June 2019.

It was reported that performance reporting provided used verified data to the end of June 2020, which is the Quarter 1 position for financial year 2020/21 of the Suez Contracts.

A progress update on the works at Chichester Street in Rochdale and Reliance Street in Manchester was provided alongside an update on the implementation of the Household Waste Recycling Centre Van Permit Proposal.

Data for Quarter 1 position for financial year 2020/21 was provided, below, to show the overall position for comparison to the previous year:

Annual Performance Comparison (Year end – April to June 2020)	2020 / 2021	2019 / 2020
OVERALL performance		
Total arisings (t)	267,834	271,795
Recycling Rate (%)	47.8%	52.9%
Diversion Rate (%)	97.7%	90.7%
HWRC performance		
Recycling Rate (Household Waste) %	34.3%	34.4%
Diversion (Total Arising, inc. rubble) %	98.6%	84.5%
Longley Lane MRF		
Rejection of Kerbside Recycling Collections (t)	2594	126
MRF Contamination Rate (Commingled) %	21.2%	19%

In summary, the overall performance for both contracts for Quarter 1 of financial year 2020/21 (April to June 20) gives a diversion rate approaching 98% and recycling rate of almost 48%.

At the July 2020 meeting Members resolved to approve the development of a project plan for a potential van permit scheme. Since that meeting the GMCA has discussed with Suez the brief for the development of a van permit system including a timeline for introduction and indicative cost.

As reported previously, vans comprise a relatively small proportion of total visits to the HWRCs but represent over 150,000 visits annually. It is evident that vans make up a significant proportion of the vehicles that are abusing the sites with trade waste. The restriction on the number of visits vans can make has reduced numbers but the van permit system will provide a greater degree of control over trade waste abuse at the HWRCs.

Under the scheme, a householder who owns a van will need to register the vehicle with the GMCA via a dedicated web portal. The figure below summarises the high-level application and operational process:

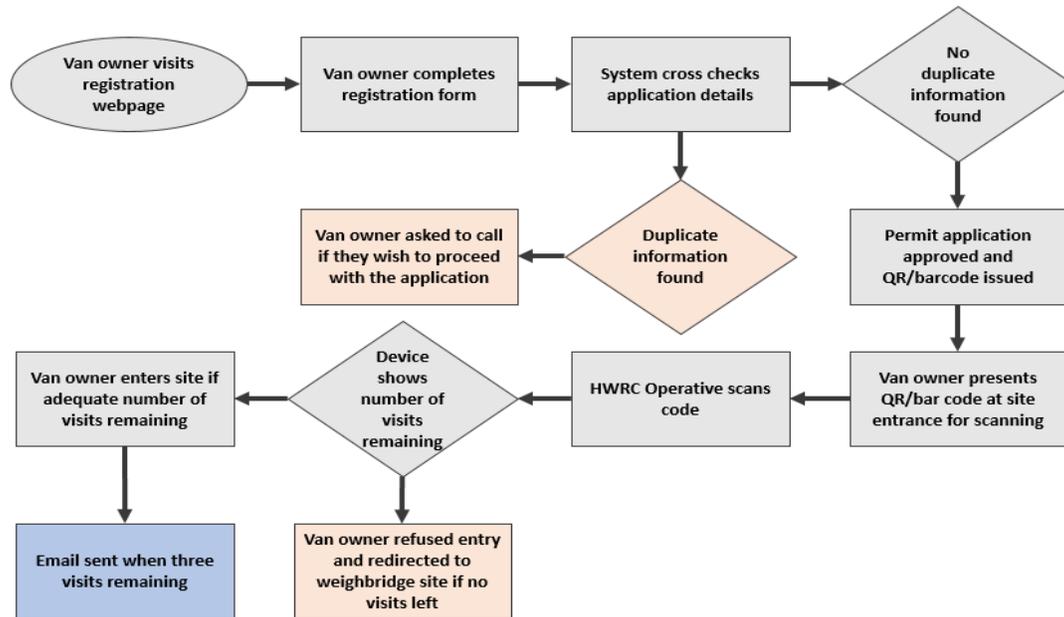


Figure 1: Van Permit Scheme Application and Operational Process

Suez has provided two options for the development and continued support of the system, which are detailed below:

1. To build and develop the service, one-off costs are estimated to be nearly £45k with £7k annual costs; and
2. A subscription service estimated at £3k for the initial build and £15k per annum to cover 20 HWRCs.

Following discussion, the development and subscription service was recommended. The initial estimate to go live is the beginning of February 2021 once development, testing and rollout to sites has been completed.

Members asked the following questions:

- a. If there is any Government funding available due to sites being closed during the Covid-19 national lockdown?
- b. What action is being undertaken to reduce contamination of kerbside waste?

Officers confirmed that an additional picking process has been introduced to ensure the waste is of an acceptable level.

- c. How are van permits being managed to ensure business owners don't use different vehicles to dispose of their trade waste?

Officers confirmed that this would be flagged up at the access point of the centre, via the database, and would be managed by Suez officers.

RESOLVED/-

1. That the contract performance, health and safety, Household Waste Recycling Centre (HWRC) performance, construction works, and other matters set out in the report be noted.
2. That the subscription service for the development, implementation, and maintenance of a Van Permit Scheme for the Household Waste Recycling Centre's be approved.
3. That officers be requested to investigate the availability of Government funding due to the closure of sites during the Covid-19 national lockdown.

WRC 20/52 ASSET MANAGEMENT PLAN UPDATE

The Head of Engineering and Asset Management, GMCA Waste and Resources Team provided members with an update on the implementation of the asset management plan and current capital engineering projects, highlighting progress between April and September 2020. Waste and Resource assets are managed by the Engineering team and fall into the following categories.

(A) - Operational Waste Facilities
<ul style="list-style-type: none"> • WRMS Contract Facilities - Lot1 28 waste processing and reception facilities across 11 locations. • WRMS Contract – Lot 2 11 Household Waste Recycling Centres
(B) - Buildings and Land
<ul style="list-style-type: none"> • Includes vacant land and building premises at 8 locations
(C) - Closed Landfill Sites
<ul style="list-style-type: none"> • 4 Closed landfill sites managed by GMCA • 18 Closed landfill sites managed by POS Landcare

Members asked what measures are being taken to ensure lithium batteries aren't mixed with the waste for shredding. Officers advised that there hadn't been any recent incidents, and that GMCA officers are engaging with Manchester University on a new trial system to detect whether lithium batteries are mixed with waste.

RESOLVED/-

That the report be noted.

WRC 20/53 COMMUNICATIONS AND BEHAVIOURAL CHANGE PLAN 2021/22

The Head of Communications and Behavioural Change, GMCA Waste and Resources Team provided members with an update on the draft Recycle for Greater Manchester Communications

& Behavioural Change Delivery Plan 2021/22 proposals, in advance of the final plan being costed and included in the budget setting process for 2021/22. Details of the planned activities from April 2021 to March 2022 are set out in Appendix A of the report. The communications plan is split over 5 aims and these will continue to be central to the 2021/22 Plan:

- Reduce contamination and improve the quality and quantity of recycling;
- Encourage waste prevention;
- Raise awareness of recycling across Greater Manchester;
- Develop and promote the education service; and
- Increase recycling at the HWRCs.

Members requested that a breakdown of access to digital and social media advertisement statistics be made available.

RESOLVED/-

1. That the report and appended Action Plan from April 2021 - March 2022 be noted.
2. That the Communications & Behavioural Change Delivery Plan 2021/22 be noted.
3. That a breakdown of digital and social media advertisement statistics be circulated to Members.

WRC 20/54 BUDGET UPDATE 2020/21 AND MEDIUM-TERM FINANCIAL PLAN TO 2023/24

The Head of Finance, Waste and Resources Team provided an update on the forecast revenue outturn for 2020/21 and set out an updated strategy outlining major assumptions/risks which have been considered in producing the proposals.

RESOLVED/-

That the forecast revenue outturn for 2020/21 and the updated strategy be noted.

Consideration was given to a report, presented by the Head of Sustainable Consumption and Production, GMCA Environment Team, updating Members on recent Government publications and the work being carried out in preparation for the second round of public consultations on England's Resources and Waste Strategy.

Following the Government publication, on 18th December 2018, of the Our Waste, Our Resources: A Strategy for England, four consultations were released, on 18th February 2019. The second round of the consultation is expected between January – March next year, work is being commissioned to quantify the financial, resource and environmental impacts of the collection systems proposed, should they be placed in secondary legislation. Further modelling of possible scenarios continues to be undertaken so that an in-depth evidence based response to the second round of consultations can be developed.

- Consistent Collections;
- Extended Producer Responsibility (EPR);
- Deposit Return Scheme (DRS); and
- Plastic Packaging Tax

Defra have released two further documents; the Strategy's Evaluation Plan and the Waste Management Plan, which includes a Strategic Environmental Assessment (SEA) relating to the Plan.

The Evaluation Plan sets out how Defra intend to evaluate the impact England's Resources and Waste Strategy and focuses on the following principles as set out below:

- High quality, rigorous and robust;
- Independent of influence;
- Inclusive of stakeholders, not only as participants in the delivery phase but also in the development of the scoping and design phases;
- Transparent and open to scrutiny;
- Proportionate, both in terms of time and money;
- Flexible and appropriate for complex situations; and
- Inclusive of an economic evaluation, if appropriate.

The Waste and Resources Action Programme (WRAP) have also released 'A Framework to Greater Consistency in Household Recycling in England' which provides an understanding into the direction of the next round of public consultation in relation to consistent collections.

Upon setting secondary legislation there is now a duty to include a statutory review position when the legislation influences business. This means that a lot of the Strategy's commitments will be subject to a 'Post Implementation Review (PIR)' to establish whether:

- A measure has achieved its original objectives;
- These objectives remain appropriate;
- The measure is still required;
- It remains the best opinion for achieving those objectives; and
- Objectives could be achieved in a way which involves less onerous regularly provision to reduce burden on business and/or increase overall societal welfare

RESOLVED/-

1. That the principles set out in DEFRA's Resources and Waste Management Strategy: Evaluation Plan be noted.
2. That the proposed response to the Waste Management Plan for England consultation be approved.
3. That the on-going work in preparation for the second round of consultations on England's Resources and Waste Strategy be noted.

WRC 20/56 EXCLUSION OF THE PRESS AND PUBLIC

RESOLVED/-

That, under section 100 (A)(4) of the Local Government Act 1972, member of the press and public should be excluded from the meeting for the following items of business on the grounds that this involves the likely disclosure of exempt information, as set out in paragraphs 3 & 5, Part 1, Schedule 12A of the Local Government Act 1972 and that the public interest in maintaining the exemption outweighs the public interest in disclosing the information.

WRC 20/57 CONTRACTS UPDATE

Consideration was given to a report that updated the Committee on performance and commercial issues relating to the Waste and Resources and Household Waste Recycling Centre Management Services Contracts that commenced on 1st June 2019.

RESOLVED/-

1. That the contract updates and key risks set out in the report be noted.
2. That the establishment of the Suez Community Fund as a ring-fenced section of the Greater Manchester Environment Fund, as set out in section 6 of the report, be approved.

WRC 20/58 DATE AND TIMES OF FUTURE MEETINGS

RESOLVED/-

That the following programme of meetings for the Committee for 2020/21 be agreed, following confirmation that these don't conflict with Local Authority Council meetings:

- 13 January 2021, 9.30am, Via Microsoft Teams
- 14 April 2021, 9.30am, Venue TBC

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GM WASTE & RECYCLING COMMITTEE

Date: 13 January 2021

Subject: Waste & Recycling Committee Work Programme 2020/2021

Report of: David Taylor, Executive Director, Waste and Resources

1. PURPOSE OF REPORT

- 1.1 To present Members with the Waste & Recycling Committee work programme, which provides a forward look of items that will focus the work of the Committee during 2020/2021 municipal year.

2. RECOMMENDATIONS

- 2.1 Members are asked to note Committee Work Programme 2020/21.

CONTACT OFFICERS

david.taylor@greatermanchester-ca.gov.uk

Risk Management – none
Legal Considerations – none
Financial Consequences – none
Financial Consequences – Capital – none

Number of attachments included in the report: 1
Appendix 1 - GM Waste and Recycling Committee Work Programme 2020/2021

July 2020	October 2020	January 2021	April 2021
Contract Update	Contract Update	Contract Update	Contract Update
HWRC Access Policy	Communication and Behavioural Change Delivery Plan for 2021/2022	Budget and Levy Final Position	Strategy and Policy Update
Communications & Behavioural Change Update	GM Waste and Resources Budget	Asset Management Plan Update	Communications & Behavioural Change Update
Strategy and Policy Update	Capital Programme Update	Strategy and Policy Update	
Budget Outturn	Strategy and Policy Update		
	Budget and Levy setting process for 2021/22		

Waste and Recycling Committee Meeting

Date: 13th January 2021

Subject: Waste and Resources Communications and Behavioural Change Plan
2021/22 – Part A

Report of: Michelle Whitfield, Head of Communications and Behavioural Change,
GMCA Waste and Resources Team

PURPOSE OF REPORT

To update members on the Recycle for Greater Manchester Communications & Behavioural Change delivery plan and the joint SUEZ communications and engagement plan.

RECOMMENDATIONS:

Members of the Committee are recommended to:

1. Note the progress against the communications and behavioural change plan; and
2. Note the progress on the joint SUEZ and R4GM communications and engagement plan.

CONTACT OFFICERS:

Michelle Whitfield
Michelle.whitfield@greatermanchester-ca.gov.uk

Equalities Implications:

GMCA along with its partners are working together to have a genuine commitment and practical approach to reducing inequality through communication and engagement. We are working to agree a common set of standards for communications, defining minimum requirements and expectations on accessible information, enabling a consistent approach to translation, easy-read, sign-language, publication and social media. As a minimum, this means evidencing 'due regard' to the needs of all communities of Greater Manchester (as per the Public Sector Equality Duty).

The team are assessing what documents could be translated into other languages taking into account the diverse communities of Greater Manchester. An ESOL (English for Speakers of other languages) training package has also been created with Bolton College. The resources which are available on the website introduces words commonly associated with recycling at home.

The Recycle for Greater Manchester and GMCA websites have both been updated to meet accessibility requirements.

The accessibility regulations build on existing obligations to people who have a disability under the Equality Act 2010 (or the Disability Discrimination Act 1995 in Northern Ireland). These say that all UK service providers must consider 'reasonable adjustments' for disabled people.

At least 1 in 5 people in the UK have a long term illness, impairment or disability. Many more have a temporary disability.

Accessibility means more than putting things online. It means making content and design clear and simple enough so that most people can use it without needing to adapt it, while supporting those who do need to adapt things.

Climate Change Impact Assessment and Mitigation Measures

1. Any communication materials produced will be produced on recycled paper or paper that meets the FSC (Forest Stewardship Council) standard. The very nature of the communications and engagement aims to promote the waste hierarchy by encouraging residents of Greater Manchester to reduce their own carbon impact by minimising the waste they produce, reusing what they can and recycling the right items in the right bin.

Risk Management:

Successful and effective delivery of the communications and behavioural change plan will result in increased capture of recyclable materials and assist in driving down contamination. Contamination and access to recycle markets remains a critical risk in 2020/21 given the tightening of the export market for paper and card and the additional processing costs associated with removing contamination.

Legal Considerations:

The requirements for Suez to support GMCA communications and engagement activities that relate to Waste and Resources are set out in the Waste and Resource Management Services (WRMS) contract and the Household Waste Recycling Centre Management Services (HWRCMS) contract.

Financial Consequences – Revenue:

The financial consequences of not delivering the communications and behavioural change plan is an increase in waste disposal costs as a result of high contamination rates in the recycling bin.

Financial Consequences – Capital:

There are no implications on the capital budget that arise from the activities set out in this report.

Number of attachments to the report: 2; October and November Digital Dashboards.

Comments/recommendations from Overview & Scrutiny Committee

BACKGROUND PAPERS:

TRACKING/PROCESS		
Does this report relate to a major strategic decision, as set out in the GMCA Constitution		No
EXEMPTION FROM CALL IN		
Are there any aspects in this report which means it should be considered to be exempt from call in by the relevant Scrutiny Committee on the grounds of urgency?		
GM Transport Committee	Overview & Scrutiny Committee	

1. INTRODUCTION/BACKGROUND

- 1.1 This report provides an update on progress against the Recycle for Greater Manchester Communications & Behavioural Change Delivery Plan 2020/21 and the joint SUEZ/R4GM plan.

2. COMMUNICATIONS & BEHAVIOURAL CHANGE PLAN

The communications and behavioural change plan is split into 5 sections:

- Waste prevention;
- Greater Manchester Wide Digital Support;
- Education;
- Reduce contamination and improve the quality of recycling; and
- Increase recycling at the HWRCs.

2.1 Waste Prevention

The Greater Manchester wide food waste prevention campaign will be rolled over into next year. It was intended that this would launch at the same time as the national food waste prevention campaign, however due to COVID the national food waste action week has been moved to 1st-7th March 2021.



A food waste prevention and food recycling campaign is currently running in Oldham. The campaign, called Buy, Keep, Eat, Repeat, is seeking to understand residents behaviour related to wasting and recycling food. A survey is being carried out across Oldham to identify barriers that stop people recycling all their food waste. In Oldham, based on waste composition analysis it is estimated that c.10,000 tonnes of food waste is mistakenly put in the grey bin (general waste). Three-quarters of this food

waste could have been avoided. A leaflet has been delivered to all households with the bin calendar to raise awareness of this issue. This has been supported by social media posts, information on the Oldham Council and Recycle for Greater Manchester websites, radio adverts and information provided to housing associations.

2.2 Greater Manchester Digital Support

- 2.2.1 The Recycle for Greater Manchester recycling centre pages have been updated and improved. The website developer conducted a web audit that focused on analysing user

journeys to identify any barriers that might stop a user from finding the information they're searching for. One of the recommendations was to redesign the recycling centre web pages so they are more digestible and user-friendly with revised layout, enhanced features for usability and interactive elements. This was followed with a user persona workshop with the communications team to establish key user and business goals. The web developer used this research to redesign the recycling centre pages.

2.2.3 Key improvements included optimising the design for mobile phone users (majority of visits to the website are from mobile devices), the use of accordions to reduce scroll and improve navigation to specific information such as recycling centre rules, Covid-19 measures and visit limits and buttons for vehicles over and under 2 metres high. Google analytics will be used to monitor any changes to how many times the pages are viewed and the length of time spent on each page.

2.2.4 The contact page is currently being redesigned. Sixty six percent (66%) of the enquiries in November to the communications mailbox were asking for information that is already on the website. By redesigning the page, users will be signposted and directed to the information they need. This will mean users can get an answer quickly to their enquiry without having to wait for a response by email.

2.2.5 From 2021, the team will be using Falcon, a social media management tool to publish, monitor and measure campaigns across our social media channels. The tool will allow us to cross post and schedule content as well as effectively measure campaign content performance using labelling. The tool also provides more in-depth and accurate reports which will save time and provide better evaluation of the campaigns.

2.2.6 A Christmas campaign is currently running on our social media channels to promote correct recycling over the festive period. Social media toolkits have been provided to all councils to promote on their own channels. Digital display adverts have been running since 27th November. These are adverts that appear on different websites encouraging users to click for more information from where they are taken to the Christmas page on the Recycle for Greater Manchester website. Since 27th November, 769,960 impressions (opportunity to see) and 716 clicks through to the website have been recorded. The top domains are the Manchester evening news, Daily Mail, Bolton News, Mirror and Daily Star.

2.3 Education

2.3.1 Since September when the education team launched live virtual sessions to replace the tour around the materials recovery facility (MRF), they have delivered 44 sessions to 1,220 people. A breakdown is shown in the table below:

District	No of sessions run	Total no of participants
Manchester	12	569
Oldham	3	142
Salford	4	82
Stockport	5	123

Tameside	5	102
Trafford	4	49
Mixed Greater Manchester	11	153

2.3.2 The virtual sessions last approximately an hour and include a virtual tour around the MRF, an interactive activity called Right Stuff, Right Bin and a chance to ask questions. The sessions

are aimed at primary and secondary schools, guide and scout groups, adult community groups, further education groups and businesses. One session was delivered to 27 students studying geography and environmental management from Salford University.



Photo shows children at Birchfield Primary School in Manchester watching a virtual education session.

2.3.3 In addition, the team also run virtual open days suitable for members of the public. Ten events have been delivered to date. An education officer attended Prestwich Environmental Forum as a guest speaker to talk about recycling over the Christmas period and the problem with glitter, some types of wrapping paper and how to correctly dispose of broken fairy lights. The team also took part in a Meet Your Future session which focused on the variety of careers in the environmental and waste sectors.

2.3.4 A procurement project is underway to refit and upgrade the Longley Lane education centre. The procurement process including the software and hardware will be completed by March 2021. The team will then work with the preferred supplier to develop designs and technical drawings with a view to starting installation in May 2021.

2.3.5 Discussions have also started with SUEZ to discuss developing a classroom at the Reuse Hub which will be operational in 2021. The education team are working on a brief to outline an educational session focused on repairing and reusing waste.

2.4 **Reduce Contamination and Improve the Quality of Recycling**

2.4.1 Paper and card contamination campaigns are running in Bolton, Salford and Tameside. The campaigns aim to reduce the amount of contamination in the paper and card bins which lead to rejected wagon loads. Leaflets, bin stickers, vehicle livery, radio adverts and social media toolkits are being developed in partnership with each council. Unfortunately, due to the COVID pandemic, the team have been unable to carry out any face to face engagement or community events.

2.4.2 A paper and card contamination campaign has been running in Bury since June this year. In summary:

- In June 2020, Bury Council sent letters/emails to all residents;
- In September, 83,000 leaflets were delivered and bins stickered;
- A localised radio advert ran with Tower FM, which has an audience reach of 42, 616;
- Councillor Quinn published a letter in the Jewish Advertiser which has a readership of 3,800 in Bury but is widely read across Greater Manchester in the Jewish community;
- A dedicated campaign page was set up on the R4GM website; and
- Social media toolkits were provided to Bury Council.

2.4.3 A post campaign survey is being delivered across Trafford, following their 'Got to be a Bottle' campaign in order to measure campaign recall and see if this has changed residents' behaviour when recycling plastics. Earlier this year, 90,000 leaflets were delivered and bin stickered informing residents that only plastic bottles can go in the black mixed recycling bin was carried out.

2.4.4 The R4GM team are working with Keep Britain Tidy on a national nappy campaign. Recent research conducted by Keep Britain Tidy in partnership with nine authorities across England, has identified that there is a genuine confusion amongst the public about whether or not disposable nappies are recyclable. This is leading to people putting nappies into their paper and card recycling bin. Keep Britain Tidy are working with local authorities across England to develop a single campaign message to ensure that it is well understood and motivates people to dispose of their nappies in the general waste bin or use washable alternatives. They are conducting a national survey to quantify the number of people who believe that nappies are recyclable which will help to gain media interest in the topic. A campaign will be developed and tested and campaign assets should be ready for roll out across Greater Manchester by February 2021.

2.4.5 The R4GM Communication team and the councils are discussing how to target those residents who deliberately hide waste such as bin bags in the paper and card bin. A methodology is being developed in order to collect evidence and insight and a behaviour

change campaign will be developed specifically aimed at raising awareness of the consequences of hiding waste in the recycling bin.

2.5 Increasing Recycling at Household Waste Recycling Centres

2.5.1 During the November lockdown, messaging focused on promoting that all household waste recycling centres remained open throughout the lockdown and that visitors should follow the COVID rules whilst on site. New banners have been installed at the entrance of all 20 household waste recycling centres reminding the public that they should observe social distancing on site, wash their hands after their visit and ideally wear a face covering.

3. JOINT SUEZ AND R4GM COMMUNICATIONS AND ENGAGEMENT PLAN

3.1 SUEZ are making good progress on introducing 3 reuse shops at household waste recycling centres in Trafford, Salford and Oldham. The shops are programmed to be open from January to March 2021 (subject to planning permissions being granted) and will sell donated furniture and bric a brac. SUEZ are working with the charities who currently collect donated furniture from the sites to ensure that they can still have access to good quality furniture and other household goods to sell in their own charity shops. The proceeds of the reuse shops will go to the community fund and the Mayors charity.

3.2 The community fund application process and terms and conditions are being developed and an update is available in the contract update report elsewhere on the agenda.

4. MONITORING AND EVALUATION

4.1 Monthly social media dashboards are produced to monitor key performance indicators on the social media channels and website. This helps the team to understand what type of content produces good levels of engagement so that the content can be reviewed and improved. It also gives information on which pages on the Recycle for Greater Manchester website are most visited, how visitors to the website access the site, (e.g. via a search engine like Google or from a local authority website) and the type of information that people are searching for. This data is used to drive the content strategy and improve the usability and features of the website. Dashboards for October and November 2020 are attached as Appendix A and B respectively.

4.2 The education team keep a record of how many educational sessions are delivered, how many attended and which district they are from. This is used to target areas where attendance is lower and to develop the promotional strategy.

4.3 In terms of the contamination campaigns, monthly tonnage figures and numbers of rejected loads are monitored throughout. The team also test any new communications materials and gather feedback at key points during a campaign using focus groups, survey and door knocking. The results are used as part of a plan, do, check, act (PDCA) approach of continuous improvement.

5. BUDGET

5.1 The budget breakdown for delivering the Recycle for Greater Manchester Communications for 2020/21 is detailed below. The actual spend is up the end of November 2020.

Budget allocation	Budget £ 2020/21	Actual spend to date £ 2020/21
Salaries	482,812	329,575.90
Advertising	221,490	36,226
Campaigns	255,500	34,283
Digital	59,276	81,752
Support (graphics/branding)	45,479	21,479
Education	60,298	9112
Total	1,124, 855	512,427.90

5.2 A budget of £70,000 has been committed to the refit of the Longley Lane education centre due to be completed early next year. £50,000 will be spent on the Keep Britain Tidy Nappy campaign and £60,000 has been allocated to a paper and card trial.

5.3 A forecast underspend of £270,000 will be carried over to next year to run campaigns that have been put on hold due to COVID.

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Page	Pageviews
1. /recycling-centres-tips-opening-times/	34,431
2. /	30,204
3. /what-do-i-do-with/	17,786
4. /van-hire-vehicle-and-trailer-over-2-metres-high/	6,873
5. /recycle-centre/longley-lane-recycling-centre/	5,721
6. /recycle-centre/arkwright-street-recycling-centre/	4,882
7. /recycle-centre/bayley-street-recycling-centre/	4,655
8. /recycle-centre/bredbury-parkway-recycling-centre/	4,164
9. /recycle-centre/chester-road-recycling-centre/?selected_vehicl...	4,083
10. /what-do-i-do-with/plasterboard/	3,724

1 - 100 / 1541 < >

Search Term	Pageviews
1. quiz	14
2. Van	12
3. campaigns	10
4. gallery	10
5. Weighbridge	8
6. application	8
7. asbestos	8
8. vehicle over	6
9. Mattress	6
10. hazardous waste	6

1 - 100 / 135 < >

Sessions
55,866
↓ -16.0%

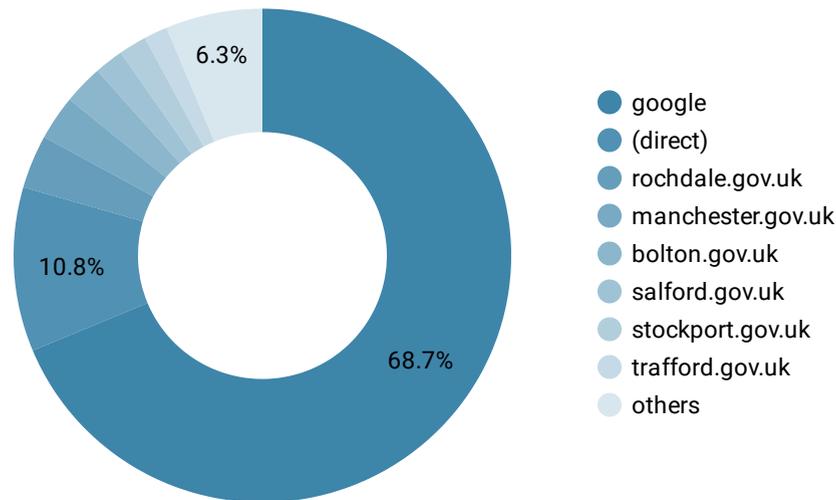
Pageviews
210,361
↓ -12.8%

New Users
40,047
↓ -13.8%

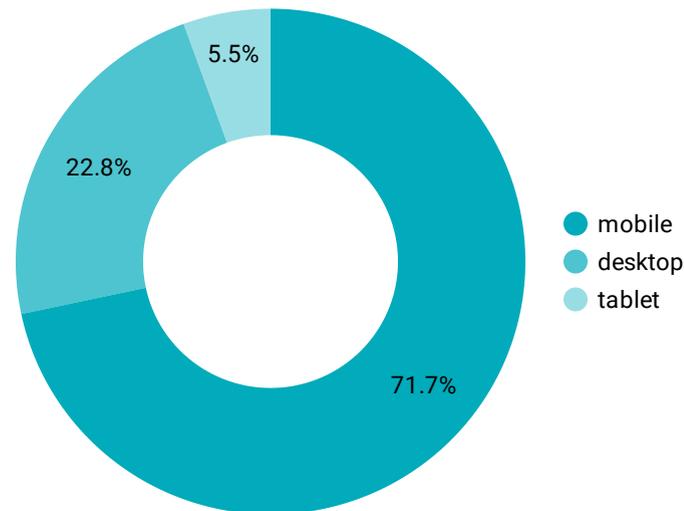
Users
43,834
↓ -15.8%

Page 27

Source / Sessions



Device / Users



Sessions

The period of time a user is active on your site or app. If a user is inactive for 30 minutes or more, any future activity is attributed to a new session.

Pageviews

An instance of a page being loaded (or reloaded) in a browser.

New users

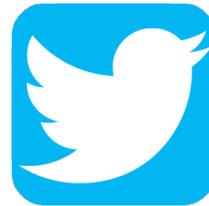
The number of first-time users during the date range

Users

Users who have initiated at least one session during the date range



Posts sent **64**
 Post total reach **23,819**
 Post total impressions **26,288**
 Engaged users **919**



Tweets sent **188**
 Impressions **84,313**
 Engagements **1,614**



Posts sent **13**
 Reach **1,676**
 Interactions **16**

Mailing list

No. sent **2**

08/10/20
 Opens **40.2% (479)**
 Clicks **5.1% (61)**

23/09/20
 Opens **47.8% (570)**
 Clicks **12.2% (146)**

Mailbox / social enquiries
214

Top Post by reach

Recycle for Greater Manchester
 Published by Sammy Alloway · 30 October at 11:57 · 🌐

Great news! #Mattress recycling containers are now available at some of our recycling centres. Your old mattress will be dismantled at the recycling facility in Bolton and then the separated materials will be sent on to manufacturers and reprocessors to be made into something new. #RecyclingCentre

Bolton Council Bury Council Recycle for Bolton Trafford Council Stockport Council Rochdale Borough Council Tameside Council I love Oldham Manchester City Council Salford City Council Recycle Now



Page 28

FORGREATERMANCHESTER.COM
 New mattress recycling facility opens in Greater Manchester | Recycle for Greater Manchester

Top Tweet by impressions

Recycle for Greater Manchester @recycle4gm

Wondering what to do this #HalfTerm ? We have loads of free ideas and activities on our website to keep the kids busy - including this game. Are your kids recycling experts? Play it now > recycleforgreatermanchester.com/education-and-... #Education #WednesdayWisdom



Put things in the right bins. Hover and drop the item over the recycle swoosh or centre of the bin.

Food Recycling Paper and Card Food and Garden General Waste

Can you sort out all the items into the right bin? Try our new game

Top Post by reach

recycle4gm



recycle4gm #AmazonPrimeDay = a lot of extra post! Luckily, more and more people in Greater Manchester are recycling all their cardboard packaging.

Once your new items arrive, separate your packaging, put cardboard in the paper and card bin and plastic in the general waste bin.

#recycling #recyclingpaper #recyclingart #post #mail #deliver#deliveryday #amazon #recyclingideas #card #cardboard #cardboardart #resources #saveresources #recyclingtip #recyclingtips

Reach

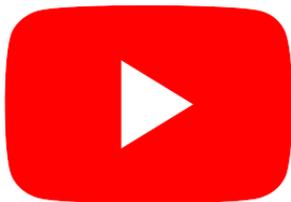
The number of people where the post entered their screen. Posts include statuses, photos, links, videos and more.

Impressions

The number of times a post entered a person's screen. Posts include statuses, photos, links, videos and more.

Engagements/Interactions

The number of people who engaged in certain ways with a post, for example by commenting on, liking, sharing, or clicking upon particular elements of the post.



Video Title	Views	Average View...
In Vessel Composting - What happens to my food and ...	7,221	47.37%
Recycling in Greater Manchester - get it right	214	70.38%
Greater Manchester's Mechanical Biological Treatment ...	194	45.83%
Runcorn Energy from Waste Facility	184	58.61%
Materials Recovery Facility - How is my recycling sorted?	164	33.39%
How general waste in Greater Manchester is used mad...	146	92.74%
Recycling paper and card in Greater Manchester - get it ...	134	77.91%
Materials Recovery Facility (MRF) Virtual Tour	101	34.54%

1 - 49 / 49 < >

Top Videos



Page	Pageviews
1. /recycling-centres-tips-opening-times/	70,087
2. /	50,056
3. /what-do-i-do-with/	20,492
4. /wheres-my-nearest-recycling-centre/	11,358
5. /recycle-centre/arkwright-street-recycling-centre/	8,180
6. /recycle-centre/longley-lane-recycling-centre/	8,059
7. /recycle-centre/bayley-street-recycling-centre/	7,459
8. /recycle-centre/bredbury-parkway-recycling-centre/	7,075
9. /recycle-centre/chester-road-recycling-centre/?selected_vehicl...	5,854
10. /van-hire-vehicle-and-trailer-over-2-metres-high/	4,738

1 - 100 / 4377 < >

Search Term	Pageviews
1. quiz	28
2. gallery	20
3. mattress	14
4. compost	14
5. Asbestos	14
6. Business waste	12
7. asbestos	12
8. 1 day permit for tip	10
9. revive	10
10. batteries	10

1 - 100 / 192 < >

Sessions
88,913
↑ 64.2%

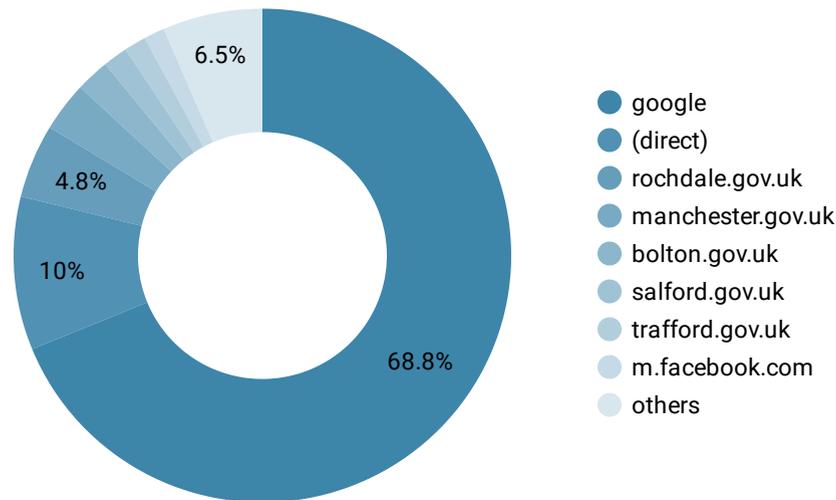
Pageviews
319,714
↑ 57.0%

New Users
63,884
↑ 64.5%

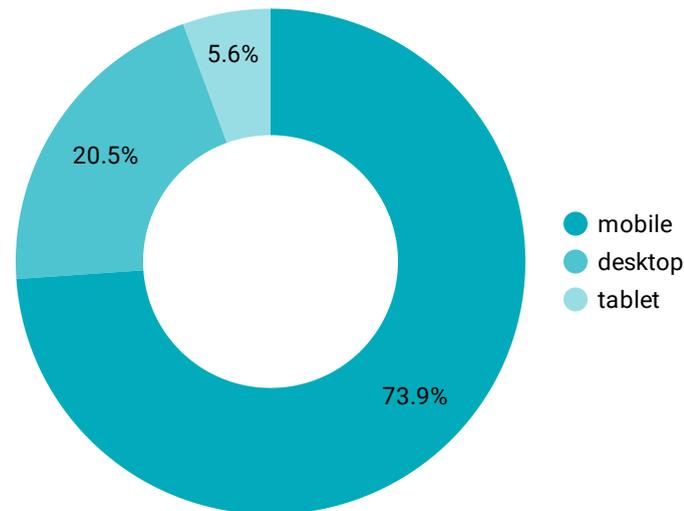
Users
69,071
↑ 62.9%

Page 29

Source / Sessions



Device / Users



Sessions

The period of time a user is active on your site or app. If a user is inactive for 30 minutes or more, any future activity is attributed to a new session.

Pageviews

An instance of a page being loaded (or reloaded) in a browser.

New users

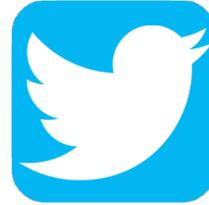
The number of first-time users during the date range

Users

Users who have initiated at least one session during the date range



Posts sent **58**
 Post total reach **23,832**
 Post total impressions **25,641**
 Engaged users **672**



Tweets sent **238**
 Impressions **118,823**
 Engagements **1,729**



Posts sent **9**
 Reach **1,233**
 Interactions **9**

Mailing list

No. sent **3**

[05/11/20](#)
 Opens **49.3% (590)**
 Clicks **5.8% (70)**

[20/11/20](#)
 Opens **39.9% (476)**
 Clicks **5.9% (70)**

Mailbox / social enquiries
180

Top Post by reach

R4GM Recycle for Greater Manchester
 Published by Sammy Alloway · November 2 ·

Currently our #RecyclingCentres (tips) across Greater Manchester will remain open throughout the proposed period of restrictions.
 ⚠️ If you are visiting our sites, please ensure you follow #SocialDistancing rules.
 For the latest information please visit <https://recycleforgreatermanchester.com/recycling.../>
 Bolton Council Bury Council Rochdale Borough Council I love Oldham Tameside Council Stockport Council Trafford Council Salford City Council Manchester City Council SUEZ UK



Top Tweet by impressions

R4GM Recycle for Greater Manchester
 @recycle4gm

If you are buying new electrical items online this week, please dispose of any old or faulty items correctly. Please don't put them in your bin at home. Please store them safely at home until you can take them to a recycling centre. @manchesterfire #EFSW #blackfriday #firesafety



Top Post by reach

R4GM recycle4gm
 Emmaus Mossley



recycle4gm #guestblog from Hazel @emmausmossley explains why we should choose secondhand first this Christmas

Read the blog for lots of tips on how to buy greener this Christmas - link in bio 📌

#buysecondhand #buyreloved #buyremade #charityshop #charityshopfinds #charityshopping #christmasdecor #christmasshopping #christmaspresentideas #sustainablechristmas #christmaspresents #greenchristmas #reuserevolution #supportcharity

Page 30

Reach

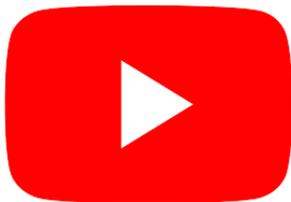
The number of people where the post entered their screen. Posts include statuses, photos, links, videos and more.

Impressions

The number of times a post entered a person's screen. Posts include statuses, photos, links, videos and more.

Engagements/Interactions

The number of people who engaged in certain ways with a post, for example by commenting on, liking, sharing, or clicking upon particular elements of the post.



Video Title	Views	Average View...
In Vessel Composting - What happens to my food and ...	4,599	49.77%
Greater Manchester's Mechanical Biological Treatment ...	212	50.06%
Recycling in Greater Manchester - get it right	160	67.31%
Materials Recovery Facility - How is my recycling sorted?	143	45.29%
Recycling paper and card in Greater Manchester - get it ...	129	73.41%
How general waste in Greater Manchester is used mad...	100	88.22%
Greater Manchester's Material Recovery Facility - What ...	91	56.95%
Runcorn Energy from Waste Facility	89	50.77%

1 - 53 / 53 < >

Top Videos



Waste and Recycling Committee Meeting

Date: 13th January 2021

Subject: Contracts Update – Part A

Report of: Justin Lomax, Head of Contract Services, Waste and Resources Team

PURPOSE OF REPORT

To update the Committee on performance of the Waste and Resource Management Services and Household Waste Recycling Centre Management Services Contracts that commenced on 1st June 2019.

RECOMMENDATIONS:

Members of the Committee are recommended to:

1. Note and comment on the matters set out in the report.

CONTACT OFFICERS:

Justin Lomax
Head of Contract Services
Waste and Resources Team
Justin.lomax@greatermanchester-ca.gov.uk

Equalities Implications:

There are no equalities impacts arising from the matters set out in this report.

Climate Change Impact Assessment and Mitigation Measures

A fundamental principle of the WRMS and HWRCMS contracts is the sustainable management of waste in order to reduce carbon emissions from landfill disposal. The carbon impacts of the contracts are monitored and provided annually by the contractor.

Risk Management:

Performance of the contracts and associated risks are captured in the GMCA corporate risk register.

Legal Considerations:

Activities set out in this report are in accordance with the terms of the WRMS and HWRCMS contracts.

Financial Consequences – Revenue: see paragraph

Activities set out in this report are in accordance with the Waste revenue budget set for the 20/21 municipal year.

Financial Consequences – Capital: see paragraph

Activities set out in this report are in accordance with the Waste capital budget set for the 20/21 municipal year.

Number of attachments to the report: N/A

Comments/recommendations from Overview & Scrutiny Committee

N/A

BACKGROUND PAPERS:

N/A

TRACKING/PROCESS	
Does this report relate to a major strategic decision, as set out in the GMCA Constitution	Yes Procurement of Lot 1 WRMSC and Lot 2 HWRCSC Waste Contracts
EXEMPTION FROM CALL IN	

Are there any aspects in this report which means it should be considered to be exempt from call in by the relevant Scrutiny Committee on the grounds of urgency?	N/A	
GM Transport Committee	Overview & Scrutiny Committee	
N/A	19/1/2019 Corporate Issues and Reform Committee	

1. INTRODUCTION

1.1 This report provides the Waste and Recycling Committee with an overview of performance of the Waste and Resources Management Services (WRMS) and the Household Waste Recycling Centre Management Services (HWRCMS) Contracts, with updates on key issues currently affecting the waste management services during this period.

2. CONTRACT PERFORMANCE

2.1 This report uses verified data, which at the time of writing was available for the period from April to September 2020, up to the end of Quarter 2 of year 2, for the Suez Contracts.

2.2 Data is also provided for comparison with the same period of the previous year, 2019/20:

Year to Date Performance – Qtr 1 and 2 - Cumulative (April to September)	2020 / 2021	2019 / 2020
OVERALL performance		
Total arisings (t)	577,011	592,660
Recycling Rate (%)	47.8	47.9
Diversion Rate (%)	97.6	91.8
HWRC performance		
Recycling Rate (Household Waste) %	46.8	43.1
Diversion (Household Waste) %	96.9	89.7
Longley Lane MRF		
Rejection of Kerbside Recycling Collections (t)	4,839	275
MRF Contamination Rate (Commingled) %	19.3	18.7

2.3 Total waste arisings were approaching 580k tonnes (t), which is over 15kt lower than for the same period of last year. During the first quarter (April to June) the COVID-19 restrictions, with lockdown 1 causing a change to household waste stream levels and HWRCs initially closing, followed by a staged reopening, there was a negative impact on the recycling rate. However, over the second quarter period (July to September) positive progress has been made, returning to a similar overall recycling rate as last year, at almost 48%.

2.4 Overall, Diversion figures continue to progress in the right direction, approaching 6% higher than for the first half of last year, achieving a total rate of almost 98% of material diverted away from landfill disposal. When considered as a tonnage, this means almost 35kt less material went to landfill disposal than last year.

2.5 At the HWRCs (combined for both Contracts =20 sites - 9 sites in WRMS plus 11 in HWRCMS) the combined recycling rate is now almost 47%, which is nearly 4% higher than for the same

period of 2019/20, whilst overall Diversion levels reached almost 97%, which is over 7% higher than last year.

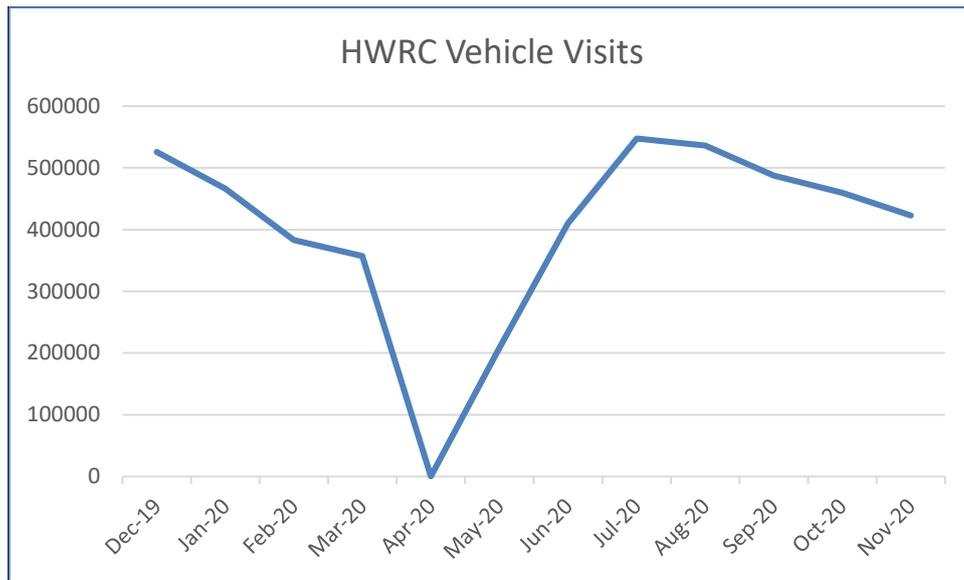
- 2.6 In summary, during the six month period from April to September (Quarters 1 and 2 of 2020/21, inclusive) the overall performance for both contracts achieved a recycling rate of almost 48%, resulting in a diversion from landfill rate approaching 98%.
- 2.7 Contamination levels of kerbside collected recyclates, from unacceptable materials extracted by the MRF process, have reduced slightly to c.19% (2% less than for Quarter 1). The tonnage of collected WCA loads rejected at the reception points remains very high, at 4.8kt. Previous Committee reports drew Members' attention to the significant issues impacting the Mixed Paper and Card market, with reprocessor outlets continuing to apply stringent acceptance quality controls. Covid-19 measures have also continued to influence changes in the arising of this stream, with increased levels of contamination in the collected materials. Communications and collection scheme measures continue to attempt to address the issues causing contamination.

3. HEALTH AND SAFETY

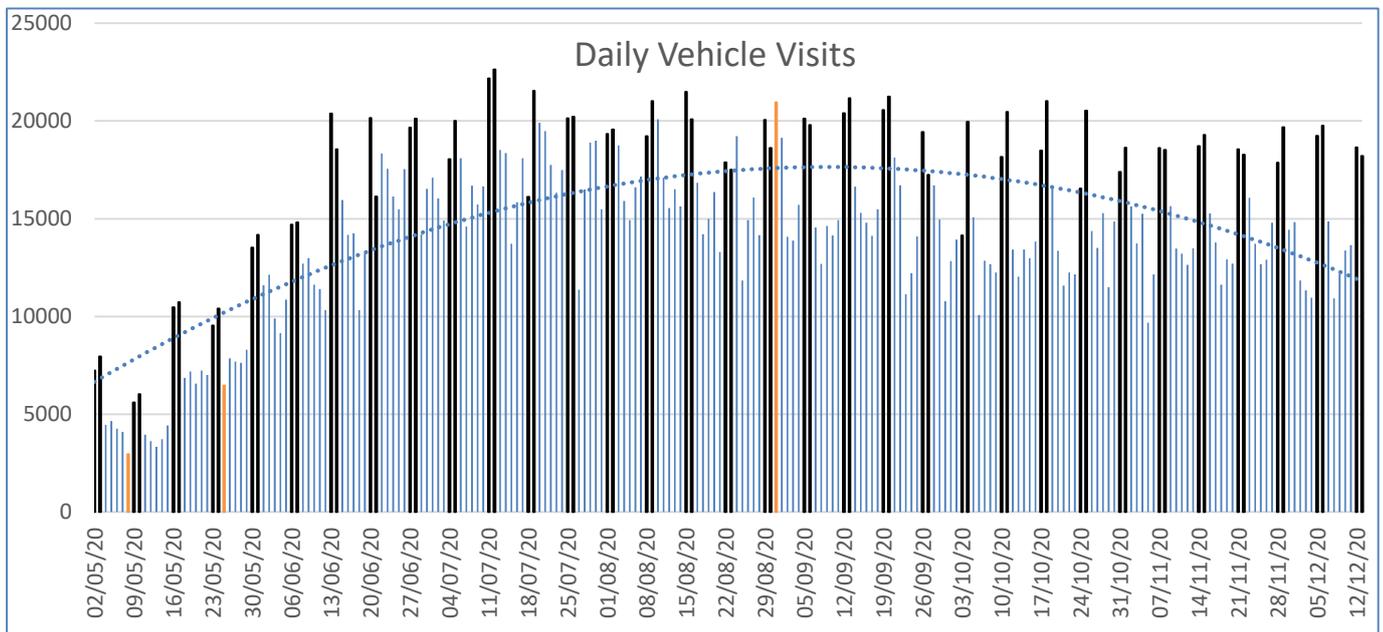
- 3.1 Health and Safety statistics are provided monthly in the Contractor Monthly Services Reports for each Contract and are considered at the monthly Suez Contract Management meeting.
- 3.2 Health and Safety data is reported in key categories, separating incidents involving the Contractor staff and operations, from those involving members of the public (MoP), plus a Near Miss category. Near miss, Incident and Notifiable Incident data is collected centrally and analysed to feed into local, regional and national lessons learned across the Contractor organisation and communicated to all staff.
- 3.3 Since the last Committee report, there have been no further RIDDOR incidents.

4. HWRC CLOSURES / REOPENING OVERVIEW

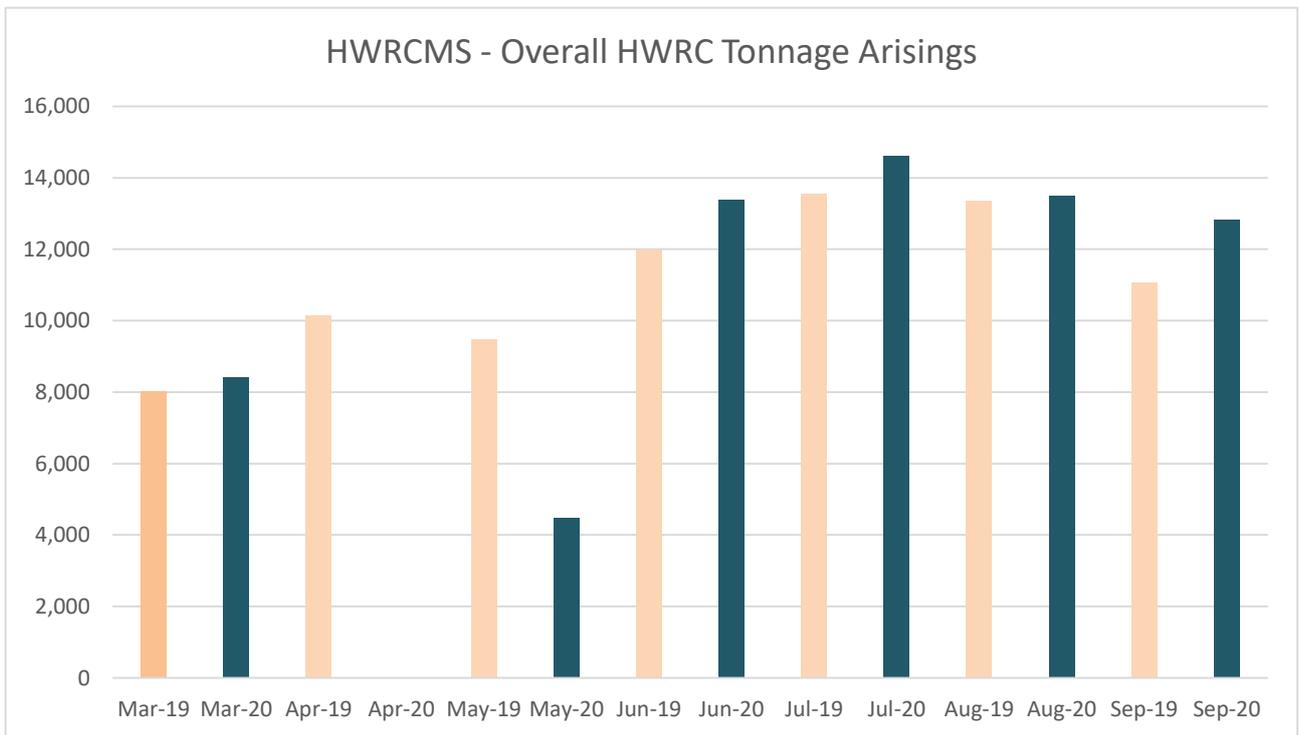
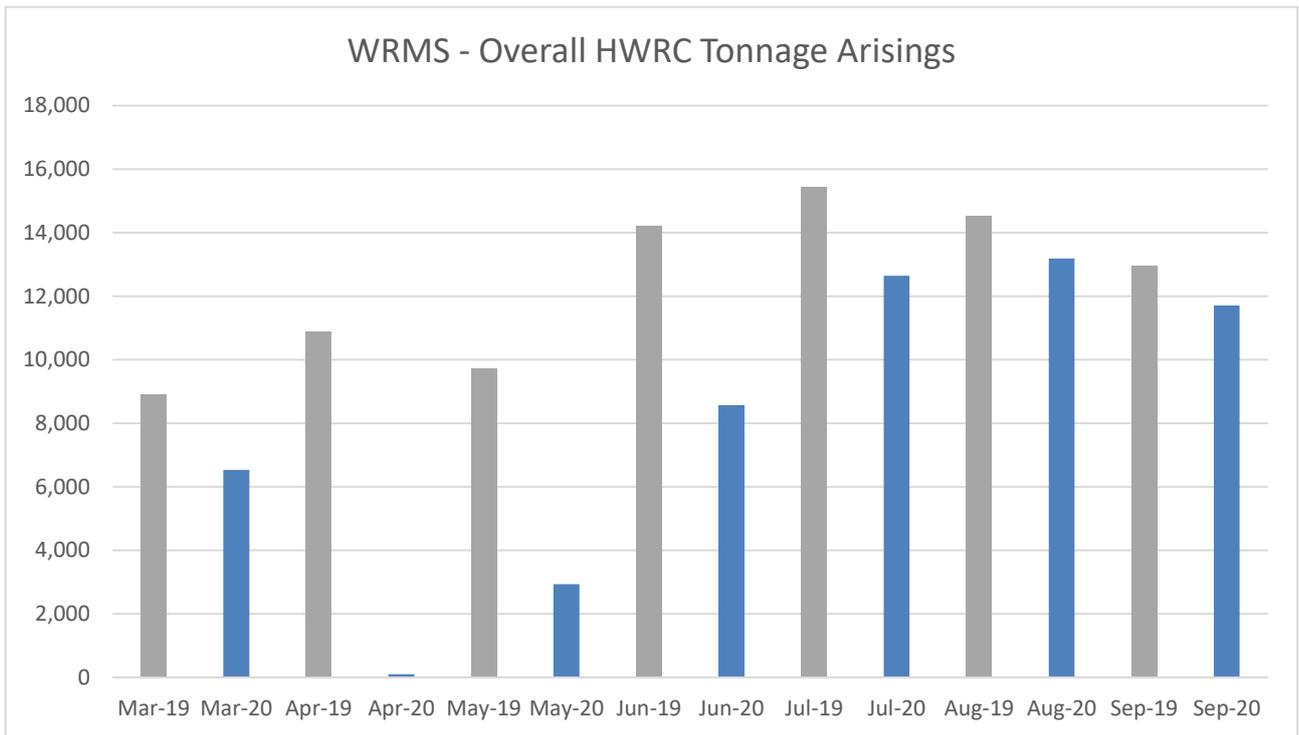
- 4.1 All GMCA Household Waste Recycling Centres (HWRCs) closed on 24th March in order to comply with Government guidance on essential reasons to leave the house during the initial 3 week lock down period. Sites reopened on a phased basis from 2nd May with full service being reintroduced from 30th June.
- 4.2 The number of visits to the HWRCs increased steadily from May to July reaching a peak of 547,450 in July. From August onwards total monthly visits have declined each month and fell to 422,816 in November. The graph below includes the months pre COVID 19 for comparison purposes and shows the total number of vehicle visits to the HWRCs per month.



4.3 The daily vehicle visits are set out in the graph below for the period 2nd May to 13th December (graph axis indicates weekend start dates). This shows a steady increase in use as more commodities have been introduced and more sites opened. The trend line for the period indicates that the level of use peaked in July and has now plateaued for weekend visits (black bars) whereas weekday visits (blue bars) have declined in number. The second national lockdown did not result in any increase in site use during November.



4.4 The impact on site tonnages resulting from the closure of the HWRCs and then the phased reopening is shown in the graphs below. The return to full capacity saw subsequent increased tonnages in July and August. The data in the tables compares the overall tonnages received at the sites between March and September 20 and compares them to the same months in 2019 for the WRMS and HWRCMS contracts.



4.5 In both contracts, the data shows a reduction in May reflecting the phased reopening. Overall, the tonnage throughput from July is showing a return to comparable levels (when combined) but is running lower overall than the previous year. Current forecasting is suggesting a reduction in overall throughput at the sites of c.50kt when compared to

2019/20 levels. This reflects the site closures and then slow ramp up in use to July followed by a decline in use from August onwards.

5. HWRC VAN PERMIT PROPOSAL UPDATE

5.1 Introduction

5.1.1 Members will recall that at the October 2020 meeting they considered a report on the development and introduction of a permit scheme to manage the use of vans and trailers at our HWRCs. Approval was given to commence development of the scheme based on a computer-based application process.

5.2 Progress

Since then a number of meetings have taken place with Suez to scope out the scheme and start the design process. At this stage a number of principals have been developed:

- Only one van per property can be registered – any attempts to register a second van to an address will be rejected;
- A van can only be registered once preventing the same van being registered to multiple addresses;
- The seller of a registered van will be required to de-authorise the van before adding a replacement;
- If a van is not de-authorised by the seller, a manual intervention will permit the removal on production of the vehicle's registration document if it is to be added to a new address;
- If the seller gets a new van they have the remaining visits not a reset;
- A permit will be required for double axle trailers – if it is towed by an unadapted car one visit will be deducted from the car's 52 visits and one permit deducted from the permits 18 visits;
- Hirers of vans will also need to apply for a permit. During the application process the hirers will be able to tick a "hired van" box to obtain a daily permit (which will need renewing on a daily basis) and will be required to present the hire agreement on each visit; and
- We are seeking to make the online application process as smooth and quick as possible so as to minimise the waiting time for the generation of a permit.

These principles will be extensively tested in the development phase to ensure any bugs or complications are resolved. We are currently generating a list of frequently asked questions and terms and conditions to accompany the scheme.

5.3 Implementation

In order to allow sufficient time for development and testing the implementation date has been put back to June 2021. In the weeks prior to that period a communications plan will be put in place to alert site users with vans of the need to register for permits so that they can

continue to have access from day one. We will provide at an update at the next Committee meeting with graphics of how the system will look.

6. CONSTRUCTION AND WORKS UPDATE

6.1 Reliance Street MTR Plant

6.1.2 Works carried out in November 2020 were as follows:

- **Concrete Works**
 - Compactor Building dolly rail infill pours;
 - MCC room foundation slab;
 - Internal pedestrian entrance walls;
 - Infills around columns; and
 - Low level wall infills.

- **Drainage Works**
 - Pipework installed, pressure tested and benching completed.

- **Main Steel Erection**
 - All primary and secondary steelwork now completed, with exception of door apertures on East and West elevation;
 - MTR and Compactor building roof cladding completed including the fall arrest system;
 - MTR cladding to North and South elevation 90% completed; and
 - Cladding to east and west elevations, circa 50% completed.

- **Demolition**
 - Breakout of redundant water tank and slab completed; and
 - Breakout of old compactor base completed.

6.1.3 Reliance Street Progress Photos November 2020

6.1.4 Primary and secondary steel completed.



6.1.5 Cladding to MTR and Compactor building completed.



6.1.6 The following works are planned for December:

- **Concrete Works**
 - o Valve chamber base;
 - o Fire tank foundation; and

- o Completion of grouting to column bases.
- **Cladding**
 - o Completion of cladding to MTR and Compactor building.
- **Mechanical and Electrical Installation**
 - o Commencement of fire suppression system installation; and
 - o Commencement of electrical works with containment installation.

6.2 **Chichester Street Biowaste Site**

6.2.1 Works carried out in November 2020 were as follows:

- Continuation of reliability tests/snagging works;
- Noise assessment tests 1 and 2 completed and passed pending final report; and
- Completion of leachate drain extension to sump.

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Waste and Recycling Committee Meeting

Date: 13th January 2021

Subject: Budget and Levy 2021/22 and Medium Term Financial Plan to 2024/25

Report of: Steve Wilson, Treasurer

PURPOSE OF REPORT

The purpose of the report is to set out the forecast outturn for 2020/21 and to seek comment on the proposed budget and levy for 2021/22

RECOMMENDATIONS:

Members of the Committee are recommended to:

1. Note the forecast outturn for 2020/21;
2. Note the proposed 2021/22 Trade Waste rate of £102.30 and £114.83 in 2022/23 to allow forward planning by Districts;
3. Note the capital programme for 2021/22 as set out in Appendix A;
4. Note the budget and levy for 2021/22 of £162.4m (2.9% decrease); and
5. Note the risk position set out in the Balances Strategy and Reserves.

CONTACT OFFICERS:

Lindsey Keech, Head of Finance (Waste & Resources) lindsey.keech@greatermanchester-ca.gov.uk

Equalities Implications:

There are no equalities impacts arising from this report.

Climate Change Impact Assessment and Mitigation Measures

A fundamental principle of the WRMS and HWRCMS contracts is the sustainable management of waste in order to reduce carbon emissions from landfill disposal. The carbon impacts of the contracts are monitored and provided annually by the contractor.

Risk Management:

Under Section 25 of the Local Government Act 2003, the Authority's Chief Financial Officer (the Treasurer) is required to report on the robustness of the estimates made for the purposes of the budget and levy calculations and the adequacy of the proposed reserves. This information enables a longer term view of the overall financial position to be taken.

In accordance with these requirements a review has been undertaken of the risks that the GMCA may face from Waste & Resources activities which would require the allocation of resources over and above those already included in the MTFP budgets. That review broadly supports the proposed Revenue and Balances Strategy.

Legal Considerations:

Please refer to Risk Management section above.

Financial Consequences – Revenue:

This report sets out the proposed Revenue budget for waste disposal in 2021/22.

Financial Consequences – Capital:

This report sets out the proposed capital budget for waste disposal in 2021/22.

Number of attachments to the report: 2; Appendix A Capital Programme for 2021/22 and Appendix B District Levy Changes

Comments/recommendations from Overview & Scrutiny Committee

BACKGROUND PAPERS:

TRACKING/PROCESS		
Does this report relate to a major strategic decision, as set out in the GMCA Constitution		Yes
EXEMPTION FROM CALL IN		
Are there any aspects in this report which means it should be considered to be exempt from call in by the relevant Scrutiny Committee on the grounds of urgency?		
GM Transport Committee	Overview & Scrutiny Committee	
	101120, Corporate Issues and Reform Overview and Scrutiny Committee	

1. INTRODUCTION/BACKGROUND

1.1 The base budget for 2021/22 has been compiled and updated based upon:

- a) District final tonnage information, as supplied in their November 2020 submissions; and
- b) Actual inflation (as measured using the CPI September 2020 index) for the Waste and Resource Management Services (WRMS) and Household Waste Recycling Centre Management Services Contracts (HWRCMS).

1.2 This report is structured to cover the following matters:

- a) Expected Outturn 2020/21;
- b) Original Estimate 2021/22;
- c) MTFP for three further years to 2024/25;
- d) Balances and Reserves Strategy;
- e) Budget Engagement; and
- f) Risk Assessment.

2. EXPECTED OUTTURN 2020/21

2.1 The budget for 2020/21 was set by the GMCA at £167.242m in February 2020. The forecast outturn for 2020/21 is shown below.

	Budget	Forecast	Variance
	2020/21	2020/21	2020/21
	£m	£m	£m
Operational Costs	109.667	113.820	4.153
Operational Financing	49.118	46.689	(2.429)
Office Costs	5.755	4.795	(0.960)
Non-Operational Financing	2.702	2.792	0.090
Total Budget	167.242	168.096	0.854
Levy Adjustment 2019/20		0.027	0.027
Levy Adjustment 2020/21		(5.197)	(5.197)
Refund of Levy to Districts (From)/ To Reserves		26.951	26.951
		(22.635)	(22.635)
Levy	167.242	167.242	-

2.2 The forecast overspend in Operational Costs is driven by increases in tonnages being presented by Districts offset by contingencies not expected to be required. Updated tonnage forecasts per waste stream are shown below.

2.3 The above forecast outturn includes sums of money to cover disruption costs during redevelopment works at Longley Lane, Sharston. Should the works not be completed during 2020/21 permission will be sought at the GMCA meeting in January 2021 to carry forward any underspend in the Medium Term Financial Plan reserve.

	Levy 2020/21	Latest Projected 2020/21	Variance
Residual	351,741	413,252	61,511
Biowaste	204,607	208,052	3,445
Commingled	107,302	128,280	20,978
Paper and Card	83,482	76,385	(7,097)
Street Sweepings	20,650	22,970	2,320
Trade waste	51,042	40,743	(10,299)
WCA Total	818,824	889,682	70,858

- 2.4 The forecast underspend on operational financing arises from a slight reduction in the Minimum Revenue Provision charge for the year, but mostly is due to reduced interest rates to be paid on the temporary borrowing that is still in place from the termination of the PFI contract. The Waste & Resources service is currently utilising the cash flow of the wider GMCA.
- 2.5 The forecast underspend on Office Costs is a combination of reduced spending on consultancy fees, premises related expenditure as a result of the focus on the residual processing at facilities and vacant posts that are not expected to be filled. Permission will be sought at the GMCA meeting in January 2021 to place any underspend from the Communications & Behavioural Change team budget into an earmarked reserve to support the work on tackling contamination in 2021/22. Underspend is forecast from delays to campaigns due to COVID which will be rescheduled in 2021/22.
- 2.6 Permission will also be sought at the GMCA meeting in January 2021 to carry forward a small underspend on employee costs to enable a 12 month contract to be given to enhance the contract monitoring resources.
- 2.7 The current Levy Allocation Methodology Agreement (LAMA) provides for in-year adjustments to be made when actual waste arisings vary from declared levels. Based upon updated profiled 2020/21 tonnages, an indicative outturn position has been calculated which predicts at District level, additional charges for year-end adjustments may be needed as set out below.

	£m
Bolton	0.567
Bury	0.357
Manchester	1.326
Oldham	0.686
Rochdale	0.520
Salford	0.672
Stockport	0.229
Tameside	0.494
Trafford	<u>0.345</u>
Total	5.197

2.8 The forecast at 2.1 includes a refund of levy of £20m to Districts that was approved at 31 July 2020 GMCA meeting (£15m) and 25 September 2020 GMCA meeting (£5m) alongside the proposal to refund a further amount to offset the levy adjustment payable by Districts so no District pays more than the original levy amount.

2.9 A revised capital programme is shown below:

	Budget 2020/21 £m	Forecast 2020/21 £m
Operational Assets	23.090	19.450
Non-Operational Assets	1.800	0.125
Total	24.890	19.575

2.10 The main variances on Operational Assets relate to likely overruns into 2021/22 for MBT modifications and reprofiling of the works at Reliance Street which is scheduled for completion in October 2021. To enable the works on the Operational Assets to be progressed, Non-Operational Assets work has been scaled back. Works have remained at the design stage and are provisionally being scheduled for expenditure in 2021/22.

2.11 Permission will be sought at the GMCA meeting in January 2021 to add £3m of mobile plant and equipment into the Capital Programme for 2020/21. This was scheduled to be spent in 2019/20 but was delayed. This will not affect the revenue budget as the costs were already included.

3. ORIGINAL ESTIMATES 2021/22

3.1 Revenue

3.1.1 A base budget has been produced based upon achieving the vision and objectives set out in the Greater Manchester Waste Management Strategy.

3.1.2 The effect of the above is to produce a £4.840m decrease in net budget requirement for 2021/22 (2.9% decrease). Further detail is provided below:

	Budget 2021/22 £m
Operational Costs	105.023
Operational Financing	48.830
Office Costs	6.190
Non-Operational Financing	2.629
Total Budget	162.672
Use of Reserves	(0.270)
Levy	162.402

3.2 Levy Apportionment

3.2.1 The tonnages supplied by Districts, in November 2020, have been subjected to scrutiny by the Waste & Resources Team and detailed discussions with District Waste Chief Officers. Future year's projections also include the impact of population/ housing growth.

3.2.2 The tonnage forecasts mean that individual Districts' allocations will vary from the average of 2.9% decrease and have a range of -3.9% (covering -4.4% to -0.5%). The final allocations to Districts can be summarised as:

	2020/21 Levy £m	2021/22 Levy £m	Increase/ (Decrease)
Bolton	19.679	19.025	(3.3%)
Bury	13.573	13.375	(1.5%)
Manchester	30.051	28.731	(4.4%)
Oldham	17.448	16.892	(3.2%)
Rochdale	15.282	14.992	(1.9%)
Salford	19.572	19.115	(2.3%)
Stockport	20.440	19.614	(4.0%)
Tameside	15.111	15.033	(0.5%)
Trafford	16.085	15.625	(2.9%)
Total	167.242	162.402	(2.9%)

3.3 At the February 2015 GMWDA meeting it was agreed that Trade Waste rates would be increased annually for the following year (to allow for forward planning) using the RPIx measure of inflation. The Levy Allocation Methodology Agreement allows for a review of trade waste each year. This year's review has identified that residual and trade waste being presented by Districts has outstripped the spare capacity that was previously available.

3.4 After discussion with District Waste Chief Officers it has been agreed that the rate set will change from 2022/23 to match the forecast cost of waste processed outside the core capacity. That rate in 2022/23 is forecast to be £114.83 per tonne.

3.5 Capital

3.5.1 The revenue budget takes account of the proposed spend on items of a capital nature. Appendix A sets out full details of proposed capital spend in 2021/22. The forecast spend of £23.050m can be summarised as:

- a) £21.300m for operational sites; and
- b) £1.750m for non-operational sites (former landfill sites and solar farm).

4. MTFP TO 2024/25

4.1 The GMCA has adopted a current year plus 3 year planning cycle in this budget paper. A number of assumptions have been made which take a balanced view of the risks facing the service in 2021/22 and beyond.

4.2 Our forward look assumptions for RPIx and CPI inflation are shown below and have been included in the MTFP.

Financial Year	Forecast December RPIx	Forecast September CPI
2021/22	2.8%	0.55%
2022/23	3.0%	2.00%
2023/24	3.0%	2.00%
2024/25	3.0%	2.00%

4.3 The MTFP projections have also assumed that:

- a) Districts will be able to deliver on their expected waste declarations;
- b) No change from England's Resources and Waste Strategy; and
- c) Landfill tax will continue to rise annually by RPI.

4.4 Taking account of the above, the estimated budget and levy for the MTFP period are:

	Budget Requirement £m	Use of Reserves £m	Levy £m	Increase/ (Decrease)
2020/21	167.242		167.242	
2021/22	162.672	(0.270)	162.402	(2.9%)
2022/23	163.058		163.058	0.4%
2023/24	164.764		164.764	1.0%
2024/25	167.625		167.625	1.7%

4.5 Below the headline figures, the impact on Districts will be slightly different and dependent on tonnage forecasts. Appendix B provides indicative details of the District Levy changes over the MTFP period.

5. BALANCES

5.1 The balances attributable to the Waste & Resources team as at 1 April 2020 were £54.458m. During 2020/21 it has been agreed that an in-year refund of £20m of levy from reserves will be given back to Districts. It was also proposed at the 31 July 2020 GMCA meeting that the additional levy imposed on Districts from delivering waste in excess of amounts levied for would be managed by a further return of reserves so that no District has a net cost in excess

of their levied amount. The balance of reserves as at 31 March 2021 is forecast to be £32.205m.

- 5.2 The level of balances is assessed for adequacy on a risk assessed basis, and this reflects the risks below:
- a) Achievement of recycling/composting levels;
 - b) Reduction in contamination;
 - c) Recyclate income prices;
 - d) Assumptions on timetable for modification of remaining facilities and additional operational costs during the period; and
 - e) Upside/ downside risks from energy prices at the Runcorn TPS.
- 5.3 The level of balances is an area that may be reviewed once all outstanding insurance claims and construction works are completed and facilities have passed Acceptance Testing. However, financial risk assessment on an annual basis and the need to hold an appropriate level of balances, will continue to have a major influence on the budget and MTFP for the Waste & Resources Team.

6. BUDGET ENGAGEMENT

- 6.1 In accordance with our usual practice, Officers have sought to engage on budget matters with both Waste Chief Officers and Treasurers of constituent Districts. As far as possible the budget and levy take into account their comments.

7. RISK ASSESSMENT

- 7.1 Under Section 25 of the Local Government Act 2003, the Authority's Chief Financial Officer (the Treasurer) is required to report on the robustness of the estimates made for the purposes of the budget and levy calculations and the adequacy of the proposed reserves. This information enables a longer term view of the overall financial position to be taken.
- 7.2 In accordance with these requirements a review has been undertaken of the risks that the GMCA may face from Waste & Resources activities which would require the allocation of resources over and above those already included in the MTFP budgets. That review broadly supports the proposed Revenue and Balances Strategy.

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		2020/21
Facility Modifications	Requirements / Comments	Forecast Outturn
		£m
MBT Modifications (Bredbury and Cobden Street)	Plant Strip-Outs (Bredbury and Cobden Street)	0.500
	Odour Control System (OCS) Improvements (Bredbury and Cobden)	0.050
	Redundant Anaerobic Digestion (AD) equipment removal and plant demolition	
Longley Lane MBT	MBT Modifications	2.500
Reliance Street MBT	Replacement of existing MBT Facility	0.300
	New HWRC	
Chichester Street TLS	New Bio-Waste Transfer Station	6.000
Raikes Lane TRF	Turbine and phase 2 works	5.100
Longley Lane MRF Improvements	Operational Improvements for Longley Lane MRF	2.000
Bredbury Paper and Card	Removal of IVC equipment and installation of fire suppression/ detection equipment	
All sites	Mobile Plant and Vehicles	3.000
Waithlands	Slope stability Improvements	
	Site boundary fencing / security	
Bredbury	Rising main	0.050
	Northern section drainage repairs	
Salford Road, Over Hulton	New Engineering team Office	0.075
		19.575

2021/22	
Budget	Comments
£m	
	Removal of redundant equipment, machinery and plant following MBT refurbishment
0.500	Reconfiguration or replacement of Odour Control System at each new MTR
1.000	Demolition and removal of redundant AD plant and equipment
	Refurbishment of MBT to create new MTR Facility
14.700	New MTR Facility
4.000	New HWRC Facility required upon completion of new MTR.
	Construction of new TLS facility
	Refurbishments of existing plant.
1.100	
	Replacement of Expired Assets
0.500	More detailed intrusive site investigations
0.250	Project delayed in 2019-20 due to other commitments and increased invasive species risk
1.000	Drainage repair and replace project to address damaged leachate collection system.
	New office for engineering team
23.050	

	2020/21	2021/22	Increase/ (Decrease)		2022/23	Increase/ (Decrease)	
	£m	£m	£m	%	£m	£m	%
Bolton	19.679	19.025	(0.654)	(3.3%)	19.338	0.313	1.6%
Bury	13.573	13.375	(0.198)	(1.5%)	13.318	(0.057)	(0.4%)
Manchester	30.051	28.731	(1.320)	(4.4%)	29.376	0.645	2.2%
Oldham	17.448	16.892	(0.556)	(3.2%)	16.804	(0.088)	(0.5%)
Rochdale	15.282	14.992	(0.290)	(1.9%)	14.657	(0.335)	(2.2%)
Salford	19.572	19.115	(0.457)	(2.3%)	18.977	(0.138)	(0.7%)
Stockport	20.440	19.614	(0.826)	(4.0%)	19.865	0.251	1.3%
Tameside	15.111	15.033	(0.078)	(0.5%)	14.833	(0.200)	(1.3%)
Trafford	16.085	15.625	(0.460)	(2.9%)	15.890	0.265	1.7%
Total	167.242	162.402	(4.840)	(2.9%)	163.058	0.656	0.4%

2023/24			2024/25		
	Increase/ (Decrease)			Increase/ (Decrease)	
£m	£m	%	£m	£m	%
19.525	0.187	1.0%	19.861	0.336	1.7%
13.454	0.136	1.0%	13.676	0.223	1.7%
29.763	0.387	1.3%	30.363	0.600	2.0%
16.959	0.155	0.9%	17.234	0.275	1.6%
14.787	0.130	0.9%	15.035	0.249	1.7%
19.198	0.221	1.2%	19.546	0.348	1.8%
20.075	0.210	1.1%	20.434	0.359	1.8%
14.969	0.136	0.9%	15.193	0.224	1.5%
16.034	0.145	0.9%	16.283	0.248	1.5%
<u>164.764</u>	<u>1.706</u>	<u>1.0%</u>	<u>167.626</u>	<u>2.862</u>	<u>1.7%</u>

Waste and Recycling Committee Meeting

Date: 13th January 2021

Subject: Biowaste Management Strategy – Part A

Report of: Paul Morgan, Head of Commercial Services, Waste and Resources Team

PURPOSE OF REPORT

This report sets out the steps the GMCA plans to take in relation to developing a strategy to manage kerbside collected biowaste from across the conurbation in light of potential service changes arising from the implementation of the English Resources and Waste Strategy.

RECOMMENDATIONS:

Members of the Committee are recommended to:

1. Note the report and provide any comments on the proposed biowaste strategy.

CONTACT OFFICERS:

Paul Morgan – Head of Commercial Services (paul.morgan@greatermanchester-ca.gov.uk)

Equalities Implications:

There are no equalities implications arising from this report.

Climate Change Impact Assessment and Mitigation Measures:

Food and garden waste (biowaste) when not collected for composting or anaerobic digestion can generate a significant volume of greenhouse gases if landfilled instead. The GMCA and its constituent districts already collect a significant quantity of biowaste for composting thereby eliminating the generation of methane and creating a carbon-rich resource that can be applied to land for agricultural benefit.

The strategy proposed here continues the GMCA’s record of climate change mitigation through the proper treatment of biowaste and the Authority’s wider communications work seeks to increase the capture of biowaste reducing climate change impacts further.

Risk Management:

As part of the development of the proposed biowaste strategy a risk assessment will be undertaken of options.

Legal Considerations:

Procurement law – final options will be assessed to ensure compliance with applicable procurement legislation.

Financial Consequences – Revenue:

Affordability of options is a consideration but work will consider the whole life costs to inform our future new burdens claim.

Financial Consequences – Capital:

As with the revenue consequences, work will consider the whole life costs to inform our future new burdens claim.

Number of attachments to the report: None.

Comments/recommendations from Overview & Scrutiny Committee

N/A.

BACKGROUND PAPERS:

1. [Our Waste, Our Resources: A Strategy for England](#)
2. (Draft) Biowaste Treatment Assessment – WRM Ltd

TRACKING/PROCESS		
Does this report relate to a major strategic decision, as set out in the GMCA Constitution		Yes
EXEMPTION FROM CALL IN		
Are there any aspects in this report which means it should be considered to be exempt from call in by the relevant Scrutiny Committee on the grounds of urgency?		
GM Transport Committee	Overview & Scrutiny Committee	
12/02/2021	HPE O&S 04/02/2021	

1. INTRODUCTION/BACKGROUND

- 1.1 Mixed biowaste collections form an important part of the recycling services provided by the authorities across Greater Manchester with different districts currently adopting different collection frequencies to suit their local circumstances (and currently in response to any local COVID-19 staffing pressures). The material collected is delivered to GMCA facilities for bulking up before being treated at contracted merchant facilities.
- 1.2 The English Resources and Waste Strategy proposes that food waste should be collected separately from garden waste and on a weekly basis. If this approach is mandated (it will feature in forthcoming consultations anticipated to be released in March 2021) then that would require a significant change of services across the conurbation.
- 1.3 This report summarises:
- The implications of a move to weekly separate food waste collections on the district councils;
 - The consequential impacts on GMCA facilities and contracts; and
 - Proposals for a strategic approach for agreement to examining alternative contractual and infrastructural approaches to managing biowaste in the future.

2. CURRENT CONTRACTUAL POSITION

- 2.1 The biowaste collected at the kerbside is delivered by the districts to our network of biowaste transfer loading stations and distributed to merchant treatment facilities (in-vessel composting sites) through two different contractual routes:
- Around 80,000 tonnes is managed by Suez through the Waste and Resources Management Services (WRMS) contract; and
 - A framework of contractors is in place and through call-off arrangements two 'packages' of biowaste quantities are composted - an annual 'baseline' of around 136,300 tonnes and a seasonal amount of c.36,300 tonnes.
- 2.2 The Suez biowaste treatment contract is part of the WRMS Contract and the initial term expires in March 2026. The biowaste framework expires in March 2023 with the current call-off contracts expiring in May 2022.

3. IMPLICATIONS OF THE RESOURCES AND WASTE STRATEGY

- 3.1 As mentioned above and in other reports presented to the Committee, the Resources and Waste Strategy proposes that food waste should be collected separately from garden waste and on a weekly basis. This proposal will be explored further through consultation by Defra in the Spring. In anticipation of this requirement, the GMCA commissioned research to assess the implications of this proposal on waste collection and treatment across Greater Manchester.

- 3.2 If our Waste Collection Authorities are mandated to change to the weekly separate collection of food waste there are clearly significant implications not only for those authorities but also for the GMCA as Waste Disposal Authority and the wider market.
- 3.3 Currently it is not believed that there is sufficient capacity in the market place (especially in the North West) to treat the potential increase in separately collected food waste that is likely to be generated (food waste as a separate stream is more appropriately treated using the anaerobic digestion [AD] technology).
- 3.4 The GMCA commissioned a consultancy, WRM, to investigate and quantify the implications of a number of scenarios.
- 3.5 In brief the biowaste study found that in the scenario where collections change to a service where food waste is collected weekly using a new fleet of vehicles, overall costs would increase by around 36%.
- 3.6 For treatment, cost increases changed by a relatively small amount – a change to treating mixed biowaste using dry AD saw a modelled 6% cost increase and a saving (but not enough to offset additional collection costs) could come from treating food waste via AD and garden waste via open windrow composting.
- 3.7 The treatment of commingled biowaste via dry AD creates the greatest carbon savings (as gas from digestion of the material is collected and converted to electricity). Scenarios using IVC have a lower carbon saving compared to AD-based technologies.
- 3.8 These results and the thinking around them will form the central evidence base for our biowaste strategy going forward. The study did not look at any consequential opportunities of options (such as the opportunity to charge for the collection of garden waste if that stream is collected separately at source), this will be considered in the further modelling work on wider collection systems being undertaken by Wood.

4. POTENTIAL OPTIONS FOR THE MANAGEMENT OF GREATER MANCHESTER'S BIOWASTE

- 4.1 It is clear that one way or another the collection of biowaste will continue to form a key service which we will be required to provide. If the English Resources and Waste Strategy mandates the separate collection of food waste there will be fierce competition for market capacity resulting in inflated gate fees as demand exceeds supply. The worst-case scenario would be landfill of biowaste if market treatment capacity cannot not be sourced.
- 4.2 In the development of a future strategy for Greater Manchester's biowaste we need to explore our options and their implications in greater detail. There are measures we will need to take in the shorter term to ensure continuity of services and others that have a longer development period which will require business cases to progress to fruition.

4.3 The strategy will take into account the 'whole system' impacts such as the purchase of containers, promotion and communication and the impact of our residents as well as identify any opportunities that may arise from options.

5. NEXT STEPS

5.1 To develop the strategy the GMCA needs to understand the Government's position on food and garden waste collections and that will not become clear until it has analysed and responded to the Spring 2021 consultation. However, this understanding is not likely to be gained until late 2021 which does not give enough time to make changes within the lifetime of the current non-Suez biowaste contracts.

5.2 Through informal discussions with WRAP and Defra we have sought insight into current thinking which has and will inform the development of our strategy.

5.3 In the first instance a scope to ensure this work is captured is required which will commence on approval of the recommendations contained within this report.

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