

Waste and Resources Recycling Committee

Date: 17 July 2024

Subject: 2024-25 Capital Programme and Asset Management Update

Report of: Michael Kelly, Head of Engineering and Asset Management,
Waste and Resources Team

Purpose of Report

To provide members with an update on key capital projects and lifecycle projects during quarter 1 of 2024-25.

Recommendations:

The Committee is recommended to:

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

Contact Officers

Michael Kelly
Head of Engineering and Asset Management,
Waste and Resources
michael.kelly@greatermanchester-ca.gov.uk

Equalities Impact, Carbon, and Sustainability Assessment:

There are no equalities impacts arising from the matters set out in this report. A fundamental principle of the WRMS and HWRCMS contracts is the sustainable management of waste 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

Activities set out in this report are in accordance with the Waste revenue budget.

Financial Consequences – Capital

Activities set out in this report are in accordance with the Waste capital budget.

Number of attachments to the report:

None

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

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?

No

GM Transport Committee

N/A

Overview and Scrutiny Committee

N/A

1. Introduction

This report provides members with updates relating to the Waste and Resources team asset portfolio. Updates are provided for key projects undertaken in quarter 1 of 2024-25. The waste estate is managed by the Engineering Team and comprises of the following three assets categories:

1.1. Category A - Operational Waste Facilities

- WRMS Contract Facilities – Lot 1
(28) waste processing and reception facilities across 11 locations.
- WRMS Contract – Lot 2
(11) Household Waste Recycling Centres HWRC's

1.2. Category B - Buildings and Land

- Land and building premises separate to operational locations.

1.3. Category C - Closed Landfill Sites

- 4 former dilute and disperse landfill sites now closed and requiring ongoing management.

2. Category (A) Updates – Operational Waste Facilities

2.1. Reliance Street HWRC

Background - A modified HWRC is required at Reliance Street in Newton Heath, Manchester due to the existing facility being beyond its economic life span and the restricted layout which does not encourage high-levels of recycling. A new improved HWRC will provide a larger facility giving more capacity to receive, manage and recycle commodities by providing 16 individual containers to segregate materials like many of our other HWRC's across the region.

Current Position – Additional ground investigations were undertaken in May to provide clarity on existing conditions as initial investigations undertaken last year did not provide sufficient reassurances that ground conditions were suited to the proposed design. This additional review provided 17 cone penetration tests (CPT's) alongside 3 borehole cores.

Boreholes were cored to depths of more than 30 metres to locate underlying bedrock. Data obtained from the latest investigations will be reviewed to define the site soil properties and inform the final ground structure design.

Soil samples are currently being reviewed, a geotechnical report on the findings is expected by the end of June. A revised structural design will then be undertaken by a specialist ground works consultant, meaning a final structural design for the proposed development will not be in place until the end July at the earliest. This has now resulted in delays to the overall programme as our procurement exercise cannot be undertaken until the design is finalised.

GMCA's procurement timelines for a project of this size and complexity are between 12-14 weeks, this would result in a formal appointment of the successful tender bid in November 2024, allowing 2-4 weeks for mobilising of the appointed contractor this would result in a start date in December 2024. As a result of these revised timescales GMCA will now delay construction commencement until Spring 2025 to avoid starting works in winter as poor weather conditions could incur further delays and unnecessary risk by exposing the ground works to poor weather. Delaying the start of construction will also ensure that we retain existing HWRC facility during the peak Christmas period and early 2025 which is typically a high demand time of the year for our HWRC's.

2.2. Redundant Assets

Background – A considerable number of asset functions are being reviewed for repurposing, removal, or replacement following refurbishment of our Mechanical Treatment and Reception (MTR) Facilities in 2022. To date several projects have been undertaken to remove redundant plant and equipment, all helping to reduce our energy demands and make space available for future repurposing.

2024-25 - Project Updates

- AD plant, equipment, and structures – Cobden Street;
(Scheduled to the later part of 2024-25)
- Plant and equipment associated with former MBT– Bredbury; and
(currently scheduled for commencement in quarter 2 of 2024-25)
- AD plant structure (walls and ground slabs) – Reliance Street.

(now completed, all existing structures associated with the former AD plant have now been removed in readiness for the new HWRC in 2025)

2.3. Over Hulton – Mechanical Recovery Facility (MRF)

Background – The existing Materials Recovery Facility (MRF) located at Longley Lane, Sharston has been operational since 2013 and processes c.90ktpa – 100ktpa of kerbside collected dry, mixed recyclable materials. GMCA are now seeking to build a new MRF within our former in-vessel composter (IVC) building at Salford Road Over Hulton. The new facility will allow us to receive more materials such as pots, tubs and trays (PTT's) along with flexible films and tetra cartons which local authorities are expected to collection and extract as part of the National Resources and Waste Strategy (RaWS).

Current Position – Since the formal decision to progress with a new facility at Salford Road was approved in January we have achieved the following outputs:

- Establishment of a steering and development groups to oversee project delivery. The group comprises of district representatives, Suez and GMCA representatives;
- Defined a base design for the proposed plant;
- Created a draft concept design based on the base design; and
- Defined a delivery programme capturing several works streams to ensure delivery by the end of April 2026.

The project is a significant undertaking and will be a priority item of work for the next two years. Further updates will be provided at future committees on progress.

3. Category (B) Updates - Buildings and Land

There are no significant updates against any Category B assets.

4. Category (C) Updates - Closed Landfill Sites

There are no significant updates against any Category C assets.