

**Climate Emergency and
Sustainability PDS Panel
14 November 2024**

**Bath & North East
Somerset Council**

Improving People's Lives

Waste Services

Update Briefing

Waste Services update

• **Keynsham Recycling Hub - Waste and recycling Update**

- Key milestones in Jan 2024 - relocating waste and recycling collection services
- Ashmead Rd and Midland Rd closed apart from the Bath Recycling centre
- Refuse and garden waste now hauled to disposal by artics, taking 4x RORO trucks off the road, and more than halving vehicle movements.
- Expanding commercial waste and recycling offering, as capacity at the new site.
- New business processing Bristol waste recycling & garden waste from Glendales.
- New disposal contracts for waste currently being procured to enable more commercial waste to be handled.
- Some initial discussions with South Gloucestershire Council - potential to process some of their kerbside plastic and cans recycling material which will be put out to tender ready for commencement late 2025

Waste Services update

• Fleet

- Midland Rd, Locksbrook and Keynsham workshops are now merged.
- Public MOTs and repairs are doing well, with capacity to increase further.
- The authorised HGV MOT test facility opened in July, (This has got off to a slower start than expected due to problems with availability of DVSA examiners).
- Now doing our own internal tacho, HGV MOT and brake testing which offsets circa £50k of costs.
- There is now an HGV MOT standard vehicle wash, open to external customers, offsets costs for our own MOTS
- Marketing drive to increase fleet business/ awareness of new facility
- Winter gritting for Highways is about to commence for first time from the depot this autumn and we are servicing the gritters now at the new depot.

Waste Services update

• Fleet transition plan

- Ongoing incremental electrification of the fleet, including small panel vans, small pedestrian and mini sweepers, and smaller ancillary vans.
- The replacement of the medium sized cleansing cage tipper fleet due in 2025
Trials of demo electric vehicles due in Autumn 2024
- Once approved, we intend to electrify some of the large HGV refuse fleet in 2025. Indications are that whole life costs only slightly more expensive than diesel alternative, in spite of significantly larger up front capital costs. Also likely to be higher residual value of end of life trucks from the large 250KWH batteries.

Climate Emergency update

• Climate emergency highlights

- 820KWP of solar panels across site building roofs are generating electricity which is used for on-site materials processing & supplying the offices and workshops.
- Potential for battery storage / exporting surplus, as some spare generation capacity available in the summer months. This will be used to supplement the charging of electric vehicles once the HGV fleet is electrified.
- New reuse shop is very popular & turning a healthy profit, whilst increasing levels of reuse and reducing materials sent for disposal. Partnership working with various local organisations to facilitate its operation.
- Rainwater harvesting from site roofs is being used for onsite irrigation of the tree planting and landscape infrastructure.
- The Pixash building is heated by air source heat pumps, and the office complex is a far more energy efficient building.

Waste Strategy update

- **Current key workstreams**
- City Centre Improvement Programme to improve containerisation & storage of waste & recycling by businesses and homes within central Bath. Key objectives to reduce litter, gull attacks, maximise recycling & ensure compliance with new simpler recycling legislation.
- Review of planning guidance with the development team to ensure better consideration is given to recycling and waste storage provision and collection ahead of planned property growth.
- Bin store improvement programme with Curo to ensure fit for purpose recycling facilities and appropriate waste containers are in place for residents.
- On-going procurement and contract management activity to support service delivery and ensure CSO compliance.

Waste reforms – legislation changes

- **Waste reforms** - Various upcoming waste legislation changes pending
- **Simpler Recycling** – to ensure paper & card, cartons, plastic bottles tubs and trays, metals, glass and food waste recycling collections are consistently collected across the country. This legislation **requires all businesses to make arrangements to recycle these core materials by March 2025**, and **all domestic properties by March 2026**. In addition, **plastic film recycling is to be introduced by March 2027**.
- **Extended Producer Responsibility** – producer and suppliers of waste packaging will have to fund the collection and recycling of its material once discarded. Due to start October 2025, & first payments being made in 25/26. At present, local authorities are awaiting the detail behind the mechanism and levels of payments expected.

Waste reforms

- **Waste reforms** - Various upcoming waste legislation changes pending
- **Digital Waste Tracking** – a single mandatory online tracking system being introduced from April 2025 to track movements of waste within the UK.
- **Deposit Return Scheme (DRS)**– expected in October 2027, this scheme is designed to levy a refundable deposit on packaging at the point of sale to incentivise consumers to bring it back to collection points for recycling.
- **Emissions Trading Scheme** – the inclusion of Energy from Waste (EfW) facilities within this industry cap and trade system from January 2028 which will place a price on carbon emission. This will have a significant financial burden on waste disposal costs.

Bath Recycling Centre



Bath Recycling Centre



- Council owned land (Cleansing yard with an existing EA permit & the Old Coal Yard on short term lease)
- Less than a mile from the existing Midland Road recycling centre
- Walking & cycle access from Locksbrook Road and the riverside towpath
- Proximity to Locksbrook Transport Depot where Cleansing Services will be relocated and can continue to use the tipping bays at Bath RC
- In a light industrial area and compliant with planning policy

Bath Recycling Centre

7 skips of the highest tonnages received at Midland Road:

1. Wood
2. Cardboard (including items too large for kerbside)
3. Garden waste
4. Bulky waste (loose, mixed)
5. Residual household (black sacks)
6. Soft furnishings (POPs)
7. Scrap metal and large electrical eg washing machines and other white goods, except fridges, freezers, TVs and computer monitors

Dry recyclables:

1. Paper
2. Glass
3. Cans
4. Plastics (bottles, pots, tubs and trays)

This equates to 79% of the tonnage currently collected & could increase to 86% if rubble & plasterboard levels halve following new DEFRA changes

Bulk Skips	
Bulky waste	1052
Bulky waste soft furnishings e.g sofa (20%). We are now legally required to collect this separately from other Bulky Waste	263
Residual waste (black bags)	1272
Garden waste	1149
Wood	1090
Scrap metal & Large WEEE	468
Cardboard	352
Bring Site	
Cans	3
Food	0
Glass	54
Paper	127
Plastic (Mixed)	59
Textiles & Shoes	101
Tonnage collected	5990
Other Materials Not Collected	
Rubble & Soil	1180
WEEE - SDAs Small electricals	179
Plasterboard / Gypsum	107
WEEE - Fridges & Freezers	51
WEEE - CRTs TVs, Screens	31
Hazardous Waste	13
Batteries (Car)	10
Tyres	10
Oil, Mineral (tonnes)	5
Asbestos	3
Gas bottles	3
WEEE - Fluorescent tubes	1
Oil, Vegetable (tonnes)	1
Tonnage not collected	1595

Bath Recycling Centre Update

24/03168/REG03

Improvements have been made to the scheme following feedback from the public and statutory consultees:

- a. The drainage scheme has been altered to run through the middle of the site, the public entrance has been narrowed and the hardstanding reduced all to ensure the root protection areas around the mature trees to the north of the site are not impacted
- b. The double yellow lines have been extended and 'no loading at any time' restrictions added across the full frontage of the site at the request of B&NES Traffic Management Team
- c. The traffic management arrangements within the site have been improved to reduce reversing and waiting traffic will be queued in a line around the edge of the car park area
- d. The pedestrian access has been moved to the other side of the public entrance to make it easier to access the bring bank and skips on foot
- e. An Operational Statement and a Gull Management Plan has been added to the submission
- f. A Landscape Plan and drawings has been added to clarify the planting schemes and the mitigations for the removal of 2 trees along the river towpath
- g. The lighting scheme has been altered to reduce vertical lux levels
- h. A solid railing will be installed on the top of the gantry to reduce the risk of noise

Bath Recycling Centre – example of a similar construction



Bath Recycling Centre - next steps

Activity	Completed by
Planning Committee decision	15 January 2025
Procurement of construction contractor	February 2025
PID and FBC development and sign offs	January 2025
Cabinet budget approval	February 2025
Transport Depot refurbishment	December 2025
Cleansing Services move to Transport Depot	April 2025
Construction contractor appointed	March 2025
Environment Agency permit variation approved	June 2025
Move recycling centre from MRD to Bath RC	December 2025
MRD housing development commences	January 2026