



**ENVIRONMENTAL PERMIT APPLICATION –
NON-TECHNICAL SUMMARY**

**MERIDEN WASTE TRANSFER STATION
CORNETS END LANE,
MERIDEN,
COVENTRY,
CV7 7LG**

**Document Reference: BF5066/04.R1
May 2022**



**Project Quality Assurance
Information Sheet**

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Revision	Date	Amendment Details	Author	Reviewer
0	May 2022	First Issue	R Chapple	D Thomas
1	October 2022	Amendments to accommodate revised permit boundary	R Chapple	D Thomas

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NON-TECHNICAL SUMMARY

Biffa Waste Services ('Biffa') are applying for an Environmental Permit to operate a Waste Transfer Station (WTS) with bulking (including manual sorting/treatment) at a new commercial and industrial waste collection service depot near Meriden, Coventry. The site is proposed to receive materials from which recyclables can be recovered. The site will also act as a depot for the Industrial and Commercial division's collection vehicles. The service yard to the east of the application site will serve as a parking and refuelling area for Biffa's fleet of Refuse Collection Vehicles (RCVs) and does not form part of the permitted facility.

The site extends over an area of ~15,000 m² and is centred on National Grid Reference (NGR): SP 23044 81103. The site is situated in close proximity to Meriden Quarry and an industrial complex. The wider surrounding area comprises agricultural land with scattered residential dwellings. The village of Meriden is situated approximately 1.6km north-east of the proposed WTS site.

The operator is proposing to accept non-hazardous industrial and commercial waste streams for bulking and manual (including plant assisted) sorting for subsequent transfer off site to other Biffa permitted treatment facilities for recovery. The maximum annual throughout will be 50,000 tonnes. This will comprise the bulking of general wastes for onward transfer to Biffa's Newhurst Energy Recovery Facility (ERF) in Leicester, dry mixed recyclates for onward transfer to Biffa's Tipton transfer station for processing and recovery, and construction and demolition waste for onward transfer to Biffa's Oldbury transfer station for recovery.

Where waste undergoes treatment, this will only involve basic manual (or plant assisted) sorting to segregate small amounts of recyclable fractions (mainly metals). All normal waste treatment and storage operations are to be conducted internally. The internal areas will comprise impermeable surfacing with a sealed drainage system. Access for waste deliveries will be gained via two sets of roller shutter doors which will remain closed when not in operation to aid in containment. Waste will be separated into categories for storage within the building, these categories will comprise of general waste; dry, mixed recycling; and construction and demolition wastes.

The enclosed nature of the waste management operations will provide the primary mitigation from any potential impacts to local amenity and the environment, particularly, from dust, particulates and noise. Due to the type of wastes handled at the site and the proximity of the nearest residential property to the waste transfer building (~115m) the Dust and Odour Management Plans have been prepared for the facility in line with Environment Agency guidance. The potential for contamination of soils and controlled waters from the storage of wastes within the building will be mitigated by the presence of impermeable concrete pavement and a sealed drainage system.

The external areas of the site will comprise a weighbridge, surface water lagoon, rainwater tanks and welfare facilities and other ancillary facilities to support other non-permitted activities to be carried out at the site. To the east of the permit boundary, the site will comprise a concreted service yard which will support Biffa's Industrial and Commercial waste collection services depot operations only. The engineered surfaces within the external operational area will be installed in such a way that they direct surface water runoff to the site drainage network, whereby it is then directed (via a series of drainage channels) to the surface water attenuation pond and subsequent discharge to surface water. The discharge point is also fitted with a Penstock valve to allow the system to be isolated in the event of a fire or major external spillage / leak (e.g, fuel) to prevent potentially contaminated water entering controlled waters. Therefore, the risk to the surrounding environment will be limited.