

1. Introduction

This document provides the non-technical summary for the environmental permit application by Recycling Lives Ltd for its site at Birch Street, Bury, Greater Manchester, BL9 5AL.

The site has never previously held an EA permit although was previously used as a scrap metal yard by L&D Mortimer with S2 and T9 exemptions in place. This application seeks a new bespoke environmental permit to allow for the physical and mechanical treatment and transfer of hazardous and non-hazardous waste at the site.

The site will receive Metals, ELVs and WEEE. This will be from both commercial contracts, other permitted waste operators and the public.

Materials received at the site will be presented in various forms; loose, baled and un-depolluted. These will typically be un-processed however, as we will be dealing with other permitted waste operators a proportion may have been initially processed. All materials will be accepted, processed and stored on impermeable surface with sealed drainage and an interceptor as pollution attainment.

2. Environmental setting

The site is located at Birch Street, Bury, Greater Manchester BL9 5AL at approximate Grid Reference SD 80775, 11399. Access to the site is via a public road located off the A56 Walmersley Road.

The site is set in an urban location and is bound by public roads to three sides and to the rear by an Automotive Company. Beyond the roads, many land uses are present including commercial, retail, and industrial. The nearest conservation area to the site is Bury Town Centre with the edge of the conservation area being 215m from the south of the site. There are no known SSSI or Groundwater source protection zones within 200m of the site.

There are several residential premises surrounding the site with the closest located 11m to the north, 42m to the north-west, 95m to the east and 55 m to the south of the site. Many schools, health centres, leisure centres and libraries, places of worship, community halls, workplaces, shops and parks and playgrounds are located within a km of the site and these sites are identified on appendix 1 of this document.

The design of the site will meet with all regulatory requirements and relevant guidance. Site operations and decommissioning will also be undertaken in line with relevant regulations and guidance.

3. Waste Acceptance

Recycling Lives proposes to

1. Accept both ferrous and non-ferrous metal for recycling which will be sorted, separated and graded once accepted at site. The metal will be treated using a variety of treatments which will include but are not limited to, shearling, baling, compacting, granulation of cables and cutting of ferrous metals or alloys and nonferrous metals into different components for treating. The metal will then be transferred to Recycling Lives Recycling Park at Longridge Road, Preston for further processing as required.
2. Take end of life vehicles for treatment consisting of depollution of the vehicle which includes
 - Removal of the battery
 - Remove fuel filler and oil filler caps

- Removing wheels and tyres and separate balance weights
- Removing any parts that contain mercury
- Draining of engine oil, transmission oil, coolant, brake fluid, washer bottle, brake/clutch reservoir, power steering reservoir, fuel tank
- Removal of catalyst
- Deployment and removal of air bags and any other pyrotechnics

The vehicle will then be separated ready for baling, compacting, or cutting into different components for recovery and will be transferred to Recycling Lives Recycling Park at Longridge Road, Preston for further processing as required.

Treatment and transfer of WEEE. Treatment consisting of sorting, dismantling, separating, shredding, screening, grading, baling, shearing, compacting crushing, granulating, repair or refurbishment or cutting for recovery and once treated will be transferred to Recycling Lives Recycling Park at Longridge Road, Preston for further processing as required.

3. Pre-acceptance procedures will be in place to ensure that only waste that may be accepted under the environmental permit is directed to the site. All waste delivered to the site will be checked by suitably trained operatives to ensure that only permitted waste is accepted. The site will have a dedicated weighbridge where visual checks of the loads can be made if required and appropriate. Where this is not possible the waste will be inspected upon tipping, prior to its acceptance for processing and storage prior to removal to another Recycling Lives site.

Any loads containing non-permitted waste will be rejected from the site using the Recycling Lives waste rejection process – appendix 2 of this document.

The site will accept waste from local businesses, commercial contracts, other permitted waste operators and members of the public. The waste will be unloaded into the yard area of the site relevant for the waste type. All metals will be separated into the various waste type piles by hand or by means of mobile plant machinery. ELV's will be baled once depollution has been completed for removal to another site.

4. Environmental protection and control measures

All waste treatment and storage will take place within two storage buildings and on external impermeable surface areas with sealed drainage and interceptor with shut off valve that can be used in the event of contamination or major spillage.

The site will be monitored daily by all staff with weekly site walks conducted by the site manager and monthly site walks/audits conducted by a member of the compliance team. As part of this process emissions to air, land and groundwater, surface water, sewer, waste, odour, noise, dust and litter, pests and deposits on external roads will be monitored and any issues raised with the compliance team. Emergency procedures are in place should the need arise.

All waste will be treated on a first in first treated basis to minimise storage times and prevent the build-up of waste at the site.

5. Maintenance

The risk of unplanned breakdowns is minimised through the implementation of preventative and reactive maintenance being carried out. All plant and equipment maintenance are scheduled so that regular repairs can take place. This helps to ensure plant and equipment are functioning correctly and potential faults are identified before they result in malfunction. All plant and equipment operatives complete defect sheets daily which assists the maintenance department in the planning of repairs.

6. Environmental management system

Recycling lives have an appropriate environmental management system in place and will operate this site in accordance with the system. This will be audited for inclusion in their ISO 14001 certification. Recycling Lives will have ultimate control over site operations, maintenance, staff competence and training, prevention of accidents, organisation, document management and records.