

## **Application for an environmental permit**

### **Part C2 – General – New Bespoke Permit**

#### *5c. Provide a non-technical summary of your application*

##### **1 . Introduction**

This document provides the non-technical summary for the environmental permit application by Recycling Lives Ltd for its site at The Flatts, Whitworth Close, Darlaston, Wednesbury, West Midlands, WS10 8LJ .

The site holds a SR2008 No 20: 25kte vehicle storage, depollution and dismantling (authorised treatment) facility, Permit No. EPR/FB3210LQ . This application seeks a new bespoke environmental permit to allow for the increase in tonnage of the physical and mechanical treatment and transfer of hazardous and non-hazardous waste at the site.

The permit was originally issued to T.L. Harvey & Sons Ltd on 17/11/1993. Recycling Lives are leasing a part of the site and operate the site as an SR2008 No20 - site. In summary the operations on site will include:

- The importation to site of end-of-life vehicles (ELV's) to depollute, dismantle and remove all potentially hazardous components;
- Separation of different elements of ELVs e.g. batteries, tyres, engines etc for resale; and
- Baling ELV's for recovery to a suitably permitted site.

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 within T.L. Harvey's Site but is now called Recycling Lives Limited, The Flatts, Whitworth Close, Darlaston, Wednesbury, WS10 8LJ and the National Grid Reference for the site is SO 98162 97314. Access to the site is via Tramway Close and through T.L. Harvey's Site.

The site is set in an industrial estate and is bound by vehicle salvage companies. Beyond these, there are two public roads which give access to the rest of the industrial estate at the north and west of the yard. Beyond the roads, many land uses are present including commercial, retail and industrial. The nearest groundwater is Walsall Canal which is 305m away.

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 boundary of the site has changed, and this has been shown in Appendix 1. However, the design of the site will still meet all the 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. 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.

2. 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.

The site will accept waste from local businesses, commercial contracts, other permitted waste operators and members of the public. 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 the depollution and storage bays 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 internal environmental management system in place and will operate this site in accordance with the system. Recycling Lives will have ultimate control over site operations, maintenance, staff competence and training, prevention of accidents, organisation, document management and records.