

## C2.5c – Non-Technical Summary Description of Variation Applied For.

Wheeldon Brothers Limited as a permitted site for commercial and industrial non-hazardous waste transfer station at its Royton site, Mossdown Road, Royton Oldham OL2 6HS

The activities carried on at the site are subject to control via Permit Reference EPR/SP3591CJ/T003. Under the Environmental Permitting Regulations.

Activities carried on at the site falls into the broad category of.

Storage of wastes for sorting and recycling. To be transferred to various sites for recycling.

Storage of wastes for shredding to produce refuse derived fuel (RDF)

The scope of the permitted activities means that the site can receive for treatment or storage a range of non-hazardous wastes. These are specified in the existing permit.

The site now wishes to vary its permit to extend the permitted area to the full capacity. The company bought the adjacent site in 2019 after previously running their current site since 1993. The company also obtained a smaller piece of land which was added to the permitted area in 2011.

There is no fleet based on this site currently.

Wheeldon Brothers is currently seeking to utilise existing structures and to operate similar activities in the unpermitted area.

Currently we are operating an electric shredder with two trommels for shredding and sorting waste. This waste run through a picking line which is used to hand sort recycling of metal, PVC, cardboard and paper. These are serviced by mobile plant including loading shovels and 360 grabs, we also use forklift trucks in our operations.

The company will be replicating this in the new variation area, however with a smaller picking line. The company will also be installing storage bays for recycling. There will be no increase in mobile plant as the current fleet will service the new area.

The proposed facility is to accept up to approximately 75,000 tonnes per annum of locally derived wastes (including recyclable wastes (collected both separately and co-mingled) and residual wastes) that Wheeldon Brothers currently collect from local business. The company also as third-party customers tipping similar waste on site.

The site also accepts other waste streams such as wood, food, C+D waste (construction and demolition) PVC, garden waste, cardboard and paper.

The proposed variation, in respect of recyclables is a simple storage, treatment and bulking of materials. Waste will be stored within designated areas before being loaded onto large bulker vehicles within the yard for removal to an alternative suitably licensed facility for processing.

Accepted residual waste will be loaded into a shredder which will prepare a more consistent material which can be used as a fuel in suitable consented facilities (RDF). As part of this process, metal wastes will be removed and stored in skips to await recycling.

The waste will arrive via refuse collection vehicles, Roll on Roll off vehicles and vehicles carrying skips. Enter the site, before being weighed in onto the weighbridge. The delivery vehicle will manoeuvre into the tipping area.

The waste materials will be offloaded into the appropriate bay where it will be loaded by mobile plant into the shredder to produce a shredded material for potential use as a fuel.

Once shredded the material is passed across an over band magnet, and any metal is diverted into a skip. The final sorted shredded material is then stored within the bay until it is loaded onto a bulker truck for removal for final recovery at a consented facility.

Surface water run-off from the manoeuvring area and roof water from the building will be diverted through the site's drainage system.

Given the nature of the waste being handled and considering that all waste handling operations will occur within the building, there is a low risk of potentially contaminative water being released from the building. Small quantities of liquids which may be produced will remain contained within the building and will be addressed as part of the general housekeeping.

The total waste tonnages which are currently accepted by the facility will be unchanged, however the main benefit of this variation will improve our recycling waste potential and give the company a wider scope to increase opportunities going forward.

In accordance with the current permit, the extended area there is an impermeable surface with a sealed drainage system