

## **Non Technical Summary For MidWest Polychem Limited**

Midwest Polychem operate a non-hazardous (physical treatment of plastics uPVC and PET), facility at PE12 8JB.

The site is located in a rural setting well away from residential properties and is located on a small commercial plot.

The site comprises of a single entrance into a yard area covered with an impermeable surface. There is a building which houses a granulator for the grinding of uPVC window frames. There is a PET line which treats plastic and produces small plastic beads by heat treatment and extrusion. Waste is stored and shredded externally, then imported into the building for treatment in one of these two lines.

The uPVC line has a treatment capacity of around 40t/day whilst the PET line can treat around 140t/day giving an overall daily treatment capacity of 180t or 64800 annually. A maximum of 800 t is stored externally which provides a buffer of approximately 3 days treatment, plus around 400t of product which will be removed from site within a few days.

Externally wastes are stored in fire resistant bays if. The treatment processes on site are manual sorting, shredding, heat treatment and granulation, extrusion and baling.

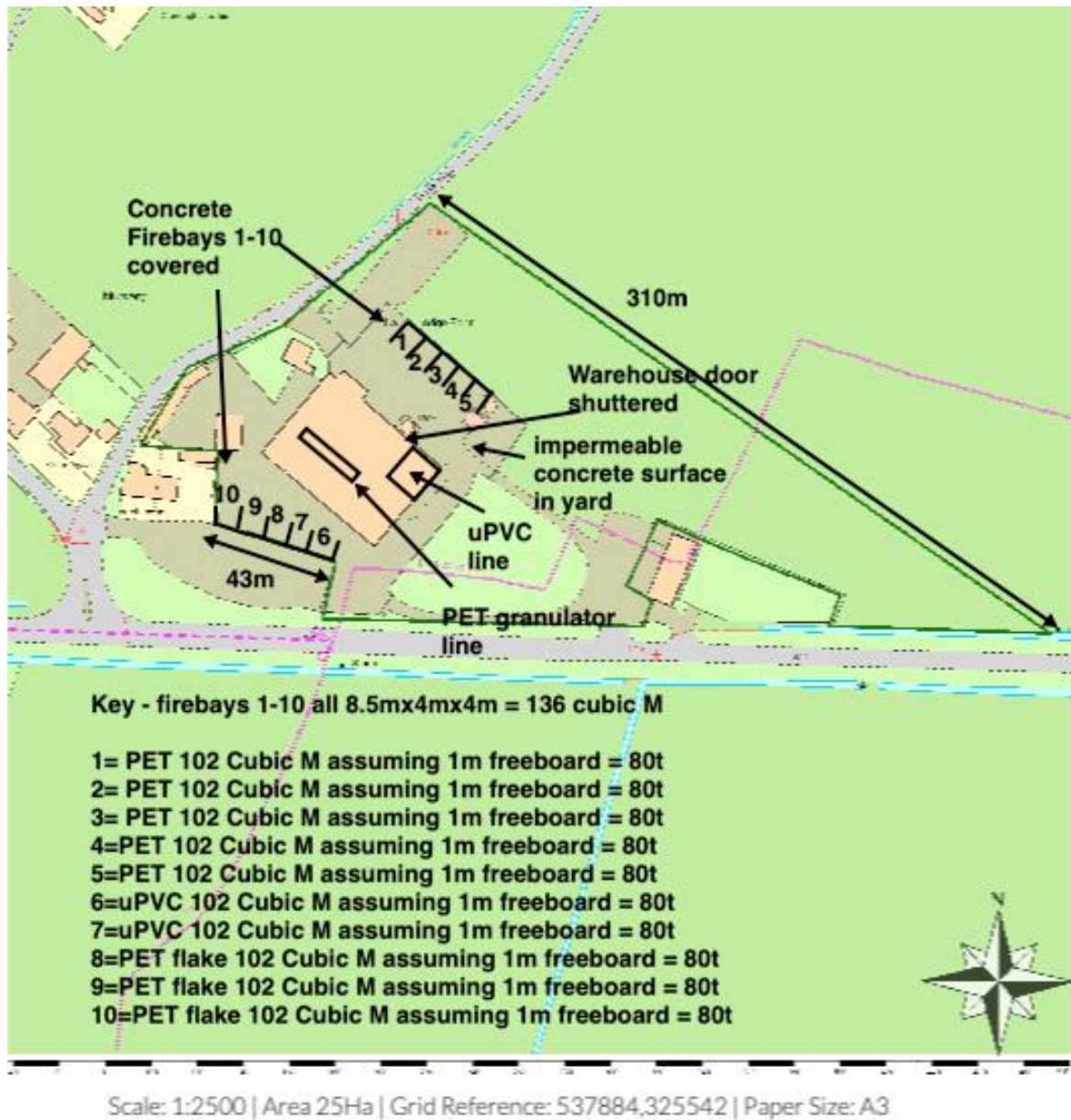
The maximum volume of waste accepted at the site is 64,800 tonnes made up of

<b>Waste Type</b>	<b>EWC</b>	<b>Annual Volume</b>	<b>Max On Site At One Time</b>
uPVC	17-02-03	14,400t	200t
PET	15-01-02,19-12-04, 20-01 -39.	50,400t	600t

Combustible plastic waste will be stored in covered bays constructed of Legio blocks which are an industry standard and know to be fire resistant. These are shown in the FPP included with this application and will allow the 6m spacing to be minimised where they are used against the site perimeter.

Mr Michael Bateman is the technically competent person on site for more than 35% of the time and is WAMITAB qualified.

A layout of the proposed site operations can be seen below.



## Operations

Midwest Polychem will accept baled plastic waste and treat this by mechanical means described above.

## Previous EA Correspondance

We have requested a paid pre-app from the EA and have received advice that we need to apply for a bespoke waste operation and a MCP application (separate application) as the site will be powered by 2.5Mw SG's plant. See email correspondence in the permit application dropbox folder entitled EA pre-app.

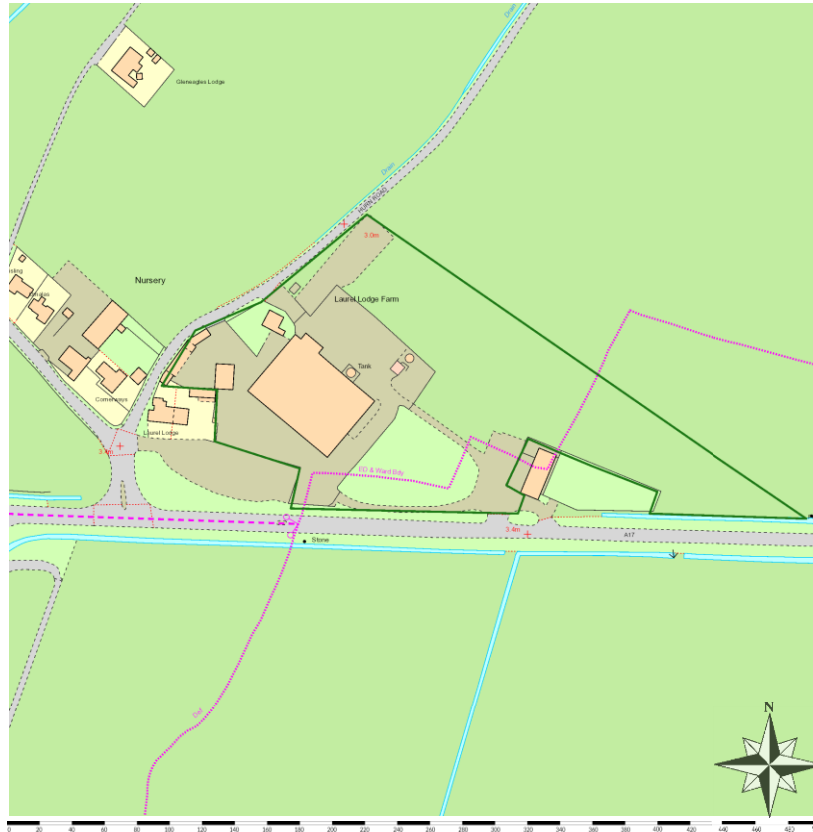
## Application Documents

This Application is accompanied by

- Fire prevention plan
- DEMP
- NMP
- SCR
- H1
- Noise impact assessment (BS: 4142)

26/10/2020

Laurel Lodge, Washway Rd, Holbeach, Spalding, Lincs, PE12 8JB



Scale: 1:2500 | Area 25Ha | Grid Reference: 537884,325542 | Paper Size: A3

