

# Non-technical summary

## Site details:

Axion Polymers  
Langley Road South  
Salford  
Manchester  
M6 6RX

## Applicant details:

Axion Recycling  
Bankfield House  
Bankfield Mill  
Regent Road  
Liverpool  
L20 8RQ

Permit Reference: EA/EPR/JP3994CL/V004

Document Reference: NONTECHSUMM1

Issue date: 31/01/2020

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## Non-technical summary

### 1. Introduction

Axion Recycling operate a waste treatment and recycling facility at Salford, Manchester. The site has been in operation since 2007 operating under a standard rules permit ((EPR/JP3994CL).

Due to changes to legislation concerning Persistent Organic Pollutants which has resulted in the reclassification of WEEE derived plastics as hazardous waste, the Standard Rules Permit is no longer applicable and a new installation permit for the site is required. Axion Recycling also operates a site at Trafford Park which receives the shredded WEEE material from Liverpool. However, the site there already operates under an installation permit which permits the storage and processing of hazardous waste. In this case, only a variation to the permit to allow this EWC on site is required.

The Regulatory Position Statement issued by the Environment Agency on 23<sup>rd</sup> December 2019 allows for the continuation of the processing and recycling of the WEEE derived material whilst a permit application has been submitted and is being progressed.

### 2. Application

The application is to change the current permit from a standard rule permit; A11 Household, Commercial & Industrial Waste Transfer Station to an IED Installation permit. There are no changes to the activities or processes which take place on site nor to extend the site boundary: the application is only being made due to an enforced change to the permit regime.

#### 2.1 Site location

The site is located on Indigo Street off Langley Road South in Salford. The Grid Reference for the site is SD 8084 0043, Eastings 380849, Northings 400436. The site is in a predominately light industrial area with light industrial units and offices to the north, west and south and some housing to the east. The permitted area of the site covers 5,865 m<sup>2</sup> comprising 4,123m<sup>2</sup> factory/ office/ laboratory area and 1,742 m<sup>2</sup> outside storage/ maintenance area.



Figure 1 Aerial view of site

## Non-technical summary

### 2.2 Receptors

**Human receptors** – there is housing adjacent to Langley Road South 20m east from the site boundary. A school lies 365m to the south east of the site. To the north, south and west of the site are light industrial units and offices.

**Surface water** – the River Irwell is located 275m to the north east of the site.

**Groundwater** – the site is not within a source protection zone. It is located on a Secondary A aquifer.

**Geology** – the site lies on sand and gravel sedimentary deposits overlying sandstone from the Worsley Delf Rock formation.

## 3. Permitted Operations

### 3.1 Waste acceptance

The site is currently permitted to accept less than 25,000 tonnes of material annually. The new application intends to increase this to 30,000 tonnes per year. The origin of this material is predominantly from the Axion Recycling site at Trafford Park, Manchester where it comes for further reprocessing. The material arriving on site is mainly derived from automotive shredder residue (19 12 04) or from small mixed WEEE residue (19 02 04\*). However, material from other sources is received on site in accordance with that allowed by the permit to enable processing to take place in case of the Trafford Park site not being able to supply material.

### 3.2 Process summary

This application is made on the basis of no changes being undertaken to the existing processes on site. Material arrives on site and is stored in different infeed bays (dependent on its origin – 19 12 04/19 02 04\*/other) prior to being moved to the wet area in batches where it undergoes a density separation process. This process results in three different material streams being produced. One material stream is sent back to Trafford Park for further processing and disposal whilst the remaining two are dried, granulated before undergoing further separation processes on site. After separation both streams are extruded to producing different grades of plastic pellet.

This material is stored inside prior for dispatch to the customer. The waste produced as a by product of the separation process is stored outside prior for disposal.

### 3.3 Site Management

A site supervisor is on site 24 hours a day whilst a Technically Competent Manager attends site regularly and performs site inspections.

The site operates using an Integrated Management System (IMS) which is held by the Axion Group server. This can be accessed by site management and operators. The IMS is part of the ISO9001 and OHSAS 18001 standards held by the Group.