

Summary of Facility and Operation and Variation applied for.

Non-Technical - Background

Enva operate a waste oil treatment facility in Bilsthorpe Nottinghamshire. (Brailwood Road, Bilsthorpe, Nottinghamshire, NG22 8UA)

The facility is currently permitted to handle 50,000 tonnes of waste oils per annum.

The facility is currently permitted to manufacture Processed Fuel Oil (PFO). PFO is used as a virgin fuel substitute in a variety of large industrial burning applications.

The variation application is to increase the on-site storage capacity for waste oils and maintain the annual throughput volume at 50,000 tonnes per annum.

As a result of this variation there will be;

- Removal of x3 existing tanks
- Addition of x6 tanks.
- Additional bunds added.
- Additional x1 emission point on site from tank breather
- Increased monitoring on existing tank breather emission points to meet BAT

All changes will meet the technical criteria required to meet current guidance.

The waste materials handled will continue to be the same and the process employed on site will continue to be the same.

A high-level summary of the PFO process can be viewed in **PFO Process Flow.pdf**

A detailed description of the process can be viewed in **Operating and Maintenance Manual.pdf**

Non technical summary of philosophy to variation:

Tank Removal;

All tanks removed are towards end of life.

Tank Additions;

All new tanks are purpose built for our application. Improved emergency protection measures are implemented as standard.

Additional Bunds;

Bund extensions and additions are all designed to meet latest Ciria Guidance (C736).

Additional Emission Points;

Additional emission points will meet current BAT guidance.

Existing Emission Points;

As part of the variation and to ensure BAT is achieved existing emission points will be monitored in line with the latest BAT recommendations within the BREF. This will increase by an increasing in existing monitoring requirements.