

Treatment Activity Summary

The subject of the variation is the storage activity. (S5.6 A(1)(a))

The treatment activity (S5.3 A(1)(a)(ii)) is intended to be continued as per existing permit conditions.

Schedule 1 listed Activities					
Installation name	schedule 1 references	Description of the Activity	Activity Capacity	Annex I (D Codes) Annex II (R codes) and descriptions	Hazardous waste treatment capacity
Bilsthorpe Oil Treatment Plant	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste involving physico-chemical treatment	50,000 tonnes p.a	R3, D9,D13,D15,R13	50,000 tonnes p.a
Bilsthorpe Oil Treatment Plant	S5.6 A(1)(a)	temporary storage of hazardous waste	Variation Required: 1840 tonnes	R3, D9,D13,D15,R13	Variation Required: 1840 tonnes

The relevant BREF document can be viewed at **References/JRC113018_WT_Bref.pdf**

The treatment activity at the Bilsthorpe Oil Treatment plant is aligned with section **5.3.2.4 Treatments of waste oils other than re-refining** of the BREF. This is as defined in table 5.29 “Severe Re-processing”.

Outputs from the process in the UK are determined end of waste based on compliance with the PFO Quality

Protocol. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/296420/geho0211btmo-e-e.pdf

See **Operating and Maintenance Manual.pdf (Confidential Document)** for detailed summary of the process approach and controls.

The current Bref for waste treatment **References/JRC113018_WT_Bref.pdf** (https://eippcb.jrc.ec.europa.eu/sites/default/files/2019-11/JRC113018_WT_Bref.pdf) has the following references for monitoring emissions to air from waste oil re-refining.

BAT3: Maintain an inventory of waste gas streams.

BAT14d: Contain, collect and treat diffuse emissions (from process)

BAT44: In order to reduce emissions of organic compounds apply 14d and utilise Adsorption.

BAT AEL: TVOC 5-30 mg/Nm³

Monitoring Frequency: 6 Monthly intervals

Intention

Enva intend to implement best available technique to the new emission points for the additional emission points to be added as part of this variation. (A1c, Ae, A1f)

In addition to this approach Enva will apply the same techniques to existing emission points (A1a, A1b, A1d).