

Emission Monitoring

Within the current permit there is no requirement to monitor emissions.

The rows highlighted in red below are additional emission points to be added as part of this variation. Black text are existing emission points.

Installation name: Bilsthorpe Oil Treatment Plant						Existing permit conditions	
Emission point reference and location	Source	Parameter	Quantity	Unit	Existing permit	Monitoring standard	Monitoring Frequency
A1a Site 1	Q1,Q2,Q3 – Oil Storage Activated Carbon Absorption	no parameters set			yes – no variation required	Permanent sampling access not required	-
A1b Site 1	Q4,Q5 – Oil Process Activated Carbon Absorption	no parameters set			yes – no variation required	Permanent sampling access not required	-
A1c Site 1	Q9, Q10 – Oil Process Activated Carbon Absorption	no parameters set			no – additional emission point		
A1d Site 1	F4,F5,F6 – Oil Storage Activated Carbon Absorption	no parameters set			yes – no variation required	Permanent sampling access not required	-
A1e Site 1	F8,F9,10 – Oil Storage Activated Carbon Absorption	no parameters set			no – additional emission point		
A1f Site 1	Q6,Q7 – Oil Storage Activated Carbon Absorption	no parameters set			no – additional emission point		
A2a Site 1	Boiler Chimney	no parameters set			yes – no variation required	Permanent sampling access not required	-

A2b Site 1	Boiler Chimney	no parameters set			yes – no variation required	Permanent sampling access not required	-
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Best Available Technique Summary.

The current Bref for waste treatment (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: Representative sample monitored at 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).

Evidence

Detail contained within **EmissionMonitoring.docx**