1 NON TECHNICAL SUMMARY OF DETERMINATION

SEPA received an application from Viridor Dunbar Waste Services Limited on 13 April 2022, to vary the conditions of their existing permit (PPC/A1032878) issued under the Pollution Prevention and Control (Scotland) Regulations 2012, to increase annual throughput capacity from 325,000 Tonnes per to 390,000 Tonnes per annum (TPH).

The increase will not result in any physical changes to the plant but is based on the incoming waste stream having a lower calorific value (CV) due to improved plastics recycling upstream. This fall in CV allows more waste to be processed within the thermal capacity of the furnace at a maximum continuous throughput of 105%. The increase is also due to increased plant availability allowing continuous operation over a year without annual shutdowns based on the plant performance. The proposal should reduce disposal to landfill whilst generating additional energy for export.

In determining this application SEPA issued a notice for further information in order to require additional modelling of emissions at the lower calorific values of waste expected.as well as assessing the impact of abnormal operations on emissions.

SEPA has ensured that all legislative requirements have been met, that due regard has been given to all applicable guidance, and that consideration has been given to issues raised during the consultation process.

Determination of the application has found no potential for significant pollution and the measures proposed by the Applicant have been determined to represent Best Available Techniques (BAT). Consequently, SEPA intends to impose the BAT emission limits to air to the permit from the BAT Conclusions for Waste Incineration as a condition of the increase in capacity to reflect the current plant performance and ensure emissions remain well controlled and are minimised in line with BAT. SEPA will vary the permits accordingly later in 2023 involving a SEPA initiated variation prior to 3 December 2023 implementation date.