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Fife Ethylene Plant
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5th February 2021

[REDACTED],
Scottish Environment Protection Agency, Edinburgh Office
Silvan House,
231 Corstorphine Road,
Edinburgh,
EH12 7AT

Dear [REDACTED],

Pollution Prevention and Control Act 1999

Permit PPC/A/1013494

Condition 5.2.5

Please find enclosed the annual boiler (LCP) and mass emission report as required under Condition 5.2.5 of PPC/A/1013494.

The report details operating hours and energy input (TJ) per fuel, per boiler.

Mass emissions are calculated based on stack results taken by an accredited third party. Boiler A was offline for the entirety of the 1H20 and no stack samples were taken on this boiler. During 2H20 stack sampling was scheduled for a period where all boilers were expected to online however Boiler A again was unavailable and stack sampling was not completed on this boiler. SEPA was notified at the time and stack sampling on A boiler was rescheduled and undertaken in January 2021. The boiler analysis shows no unusual data.

Please do not hesitate to get in contact if you require any further information.

Yours sincerely,

[REDACTED]

[REDACTED]

CC: [REDACTED]

	Boiler A	Boiler B	Boiler C	Total boiler	Total Boiler			Method Used to Calculate Emissions	
	NO _x	NO _x	NO _x	NO _x	CO	Dust	SO _x		
	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes				
January February March April May June July August September October November December	0.0	23.5	28.6	52.1	0.84	0.08	10.42	Calculated using twice-yearly stack monitoring data, Fuel Molecular Weight, and fuel usage.	
	0.0	22.7	20.6	43.3	0.71	0.71	10.18		
	TOTAL (TONNES)			95.4	1.56	0.79	20.60		
				Tonnes	Tonnes				

EEA Plant Number	Boiler ID	MWth	Operating Hours			Energy Input (Net calorific value in TJ)					Comments
			Online (%MCR>25)	Offline (%MCR<25)	Total	Biomass	Other solid fuels	Liquid fuels	Natural gas	Other gases	
153.00	A	67.00	3033.00	5751.00	8784.00	0.00	0.00	0.27	0.00	366.37	
154.00	B	67.00	8389.00	395.00	8784.00	0.00	0.00	211.55	0.00	1011.30	
155.00	C	67.00	6211.00	2573.00	8784.00	0.00	0.00	0.00	0.00	864.89	