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28th February 2022

[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 3.5.1 & 3.5.3

Please find enclosed the annual fugitive release inventory summary as required under Condition 3.5.1 of PPC/A/1013494 and leak detection and repair (LDAR) forward plan for 2022 as required under Condition 3.5.3 of PPC/A/1013494.

The report summarises results by component from the LDAR OGI inspection undertaken in September 2021 by an accredited third party. Emission rates (in kg/year) of detected leaks is estimated using the US AWP Leak / No_Leak factors which have been developed by the API (American Petroleum Institute).

The results of the LDAR inspections are used to target improvements in line with Condition 3.5.2. Improvements are reported in the following calendar year following re-inspection (i.e. repairs performed in 2021 will be reported in 2022 repair report).

Between the 2020 and 2021 campaigns, 156 leaks were repaired. Overall fugitive VOC emissions are lower in 2021 by 38 tonnes.

The forward plan for 2022 is to conduct an LDAR inspection in the second half of the year.

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

Yours sincerely,

[REDACTED]

CC: [REDACTED]

Equipment Type	Factor Type	Emission Factor kg/h	Number	Total Emission kg/h	Hours of Operation	Total Emission for Year kg
Valve	Leak	0.14	250	35.00	6576	230160
	No Leak	0.00	10846	1.84	6576	12125
Pump Seal	Leak	0.31	1	0.31	6576	2039
	No Leak	0.00	26	0.02	6576	101
Flange	Leak	0.09	40	3.52	6576	23148
	No Leak	0.00	15282	0.15	6576	1005
All other components	Leak	0.15	84	12.60	6576	82858
	No Leak	0.00	3777	0.19	6576	1267
		Total Leaks	375		Total Tonnes	353