

RELEASES TO AIR

QUARTERLY RETURN

MONTHLY MEAN, MAXIMUM DAILY MEAN AND ANNUAL PERCENTILE CONCENTRATIONS (a),(b),(c)

OPERATING MODE: VDU off gas in combination with RFG

Operator: Valero Energy Limited

Form: LCP Concentrations

Location: Pembroke Refinery, Pembroke, SA71 5SJ

Permit/Variation Number: YP3930EX

Year 2022	LCP 375 (A7, A8, A9 & A10)													
	NO <sub>x</sub> (mg/Nm <sup>3</sup> )				SO <sub>2</sub> (mg/Nm <sup>3</sup> )				Dust (mg/Nm <sup>3</sup> )				CO (mg/Nm <sup>3</sup> )	
Month	Monthly Mean	Max Daily Mean	Daily ELV	Days > ELV	Monthly Mean	Max Daily Mean	Daily ELV	Days > ELV	Monthly Mean	Max Daily Mean	Daily ELV	Days > ELV	Monthly Mean	Monthly ELV
January	194	213	330	0	8	24	1100	0	4	5.4	5.5	0	1	100
February	186	203	330	0	23	66	-	-	3	4.0	5.5	0	0	100
March	185	202	330	0	19	29	-	-	4	4.0	5.5	0	0	100
April														
May														
June														
July														
August														
September														
October														
November														
December														
Monthly ELV Daily ELV (f)														
Annual 95th Percentile (g)	208 (130)	206			55 (130)	58			5 (130)	5.2			2 (130)	
Annual Percentile ELV (h)														

Note 1: LCP SO<sub>2</sub> emission limits suspended from 26th January to 7th April as per Job Aid PP-HES-JBA-0004

Signed : RDLivock

Name : Richard Livock

On behalf of the Operator Valero Energy Ltd

Date : 19/04/2022