

RELEASES TO AIR

QUARTERLY RETURN

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

OPERATING MODE: RFG

Operator: Valero Energy Limited

Form: LCP Concentrations

Location: Pembroke Refinery, Pembroke, SA71 5SJ

Permit/Variation Number: YP3930EX

Year 2023	LCP 373 (A3 & A4)													
	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	218	235	330	0	13	20.9	38.5	0	1	1.4	5.5	0	4	100
February	228	258	330	0	16	32.6	38.5	0	1	1.3	5.5	0	12	100
March	251	272	330	0	16	26.0	38.5	0	0	0.7	5.5	0	9	100
April	230	262	330	0	26	293.6	38.5	0	0	0.3	5.5	0	21	100
May	249	275	330	0	15	19.1	38.5	0	0	0.4	5.5	0	12	100
June	237	259	330	0	11	12.4	38.5	0	1	3.3	5.5	0	4	100
July														
August														
September														
October														
November														
December														
Monthly ELV Daily ELV (f)														
Annual 95th Percentile (g)	266 (238)	257			18 (238)	18.0			2 (238)	1.3			31 (238)	
Annual Percentile ELV (h)														

Note 1: LCP SO<sub>2</sub> emission limits suspended from 1st to 5th April as per Job Aid PP-HES-JBA-0004

Signed : Sabrina Gregory

Name : Sabrina Gregory

On behalf of the Operator Valero Energy Ltd

Date : 19/07/2023