

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 2022	LCP 371 (A1 & A2)													
	NO _x (mg/Nm ³)				SO ₂ (mg/Nm ³)				Dust (mg/Nm ³)				CO (mg/Nm ³)	
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	187	206	330	0	5	6.9	38.5	0	1	1.0	5.5	0	2	100
February	199	216	330	0	3.8	14.3	-	-	1	1.6	5.5	0	2	100
March	204	229	330	0	3.9	5.5	-	-	0.2	0.7	5.5	0	1	100
April	209	225	330	0	17.9	145.7	38.5	0	0.4	0.9	5.5	0	1	100
May	208	218	330	0	9.3	10.5	38.5	0	1	0.8	5.5	0	1	100
June	219	232	330	0	11.4	13.6	38.5	0	0.2	0.8	5.5	0	1	100
July														
August														
September														
October														
November														
December														
Monthly ELV Daily ELV (f)														
Annual 95th Percentile (g)	234 (249)	229			16.7 (249)	15.8			0.9 (249)	0.9			2 (249)	
Annual Percentile ELV (h)														

Note 1: LCP SO₂ emission limits suspended from 26th January to 7th April as per Job Aid PP-HES-JBA-0004

Note 2: LCP SO₂ emission limits suspended from 13th June to 26th June as per Job Aid PP-HES-JBA-0004

Signed : Sabrina Gregory

Name : Sabrina Gregory

On behalf of the Operator Valero Energy Ltd

Date : 27/07/2022