

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 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	213	226	330	0	3.9	8.9	38.5	0	0	0.6	5.5	0	3	100
February	211	238	330	0	3.3	4.8	38.5	0	1	1.0	5.5	0	4	100
March	218	237	330	0	5.1	15.9	38.5	0	0	0.9	5.5	0	4	100
April	182	218	330	0	14.6	292.2	38.5	0	0	0.2	5.5	0	5	100
May	202	224	330	0	4.7	10.7	38.5	0	0	0.2	5.5	0	4	100
June	201	229	330	0	4.5	6.3	38.5	0	0	0.1	5.5	0	3	100
July														
August														
September														
October														
November														
December														
Monthly ELV Daily ELV (f)														
Annual 95th Percentile (g)	230 (238)	222			7.7 (238)	6.4			0.6 (238)	0.4			5 (238)	
Annual Percentile ELV (h)														

Note 1: LCP SO₂ 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