

**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 2021	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	102	131	330	0	23	38	1100	0	3	3.6	5.5	0	5	100
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-
April														
May														
June														
July														
August														
September														
October														
November														
December														
Monthly ELV Daily ELV (f)														
Annual 95th Percentile (g)	116 (57)	118			133 (57)	130			4 (57)	3.4			18 (57)	
Annual Percentile ELV (h)														

**Note 1:** LCP emission limits suspended from 21st January 2021 as per Job Aid PP-HES-JBA-0004

**Note 2:** LCP 375 shutdown from 28th January 2021

Signed : RD Livock

Name : Richard Livock

On behalf of the Operator Valero Energy Ltd

Date : 26/04/2021