

Permit Number: BV9713IU

Operator: BOC Limited

Installation: Margam Gases

Form Number: Sewer1 / 25/04/07

Reporting of emissions to sewer for the period from 01/01/20 to 31/12/20

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
S1	pH	pH 6-10	Spot		SCA Blue Book Number 14, ISBN 0117514284		
					Hannah Combo HI 98129		
				9.60		04/01/2020	+/- 0.02
				9.17		11/01/2020	+/- 0.02
				8.86		18/01/2020	+/- 0.02
				8.10		25/01/2020	+/- 0.02
				9.28		01/02/2020	+/- 0.02
				9.22		08/02/2020	+/- 0.02
				9.11		15/02/2020	+/- 0.02
				9.44		23/02/2020	+/- 0.02
				9.87		29/02/2020	+/- 0.02
				9.17		07/03/2020	+/- 0.02
				9.70		14/03/2020	+/- 0.02
				8.84		21/03/2020	+/- 0.02
				9.16		28/03/2020	+/- 0.02
				9.29		04/04/2020	+/- 0.02

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
				9.80		11/04/2020	+/- 0.02
				9.48		18/04/2020	+/- 0.02
				9.31		25/04/2020	+/- 0.02
				9.26		02/05/2020	+/- 0.02
				8.82		09/05/2020	+/- 0.02
				9.42		17/05/2020	+/- 0.02
				9.61		24/05/2020	+/- 0.02
				9.30		31/05/2020	+/- 0.02
				9.48		06/06/2020	+/- 0.02
				8.98		13/06/2020	+/- 0.02
				9.67		21/06/2020	+/- 0.02
				9.41		28/06/2020	+/- 0.02
				9.51		04/07/2020	+/- 0.02
				8.96		11/07/2020	+/- 0.02
				8.66		18/07/2020	+/- 0.02
				8.35		31/07/2020	+/- 0.02
				Shut down in August.			+/- 0.02
				9.81		05/09/2020	+/- 0.02
				9.40		13/09/2020	+/- 0.02
				9.76		20/09/2020	+/- 0.02
				9.35		27/09/2020	+/- 0.02
				7.19		01/10/2020	+/- 0.02

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
				8.47		10/10/2020	+/- 0.02
				8.55		17/10/2020	+/- 0.02
				7.16		26/10/2020	+/- 0.02
				9.82		01/11/2020	+/- 0.02
				8.49		07/11/2020	+/- 0.02
				9.89		15/11/2020	+/- 0.02
				8.24		21/11/2020	+/- 0.02
				9.22		28/11/2020	+/- 0.02
				8.51		05/12/2020	+/- 0.02
				8.29		13/12/2020	+/- 0.02
				8.77		20/12/2020	+/- 0.02
				9.43		27/12/2020	+/- 0.02

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed: R Warren
(Authorised to sign as representative of BOC Limited)

Regional SHEQ Advisor

Date 25/01/2021