

Permit Number: SP3531SK

Operator: Tradebe Gwent Limited

Facility: Gwent Waste Management Centre

Form Number: Sewer1 / 17/08/22

Reporting of emissions to sewer for the period from 01/10/2024 to 31/12/2024

Emission Point	Substance / Parameter	Emission		Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
		Limit Value	Reference Period				
S1	Flow Rate	l/s	None set	9.37	As agreed with Natural Resources Wales	16 Oct 24 10:13	4.6%
S1	Adsorbable Organically Bound Halogens (AOX)	1 mg/l	None set	12.1	EN ISO 9562	18 Dec 24 Quarterly Composite	±20 %
S1	Benzene, Toluene, Ethylbenzene, Xylene (BTEX)	None set	None set	<5 µg/L	EN ISO 15680	18 Dec 24 Quarterly Composite	±25 %
S1	Free Cyanide (CN)	0.1 mg/l	None set	0.2	Various EN standards available (e.g. EN ISO 14403-1 and -2)	29 Nov 24 13:37	±0.005 mg/L
S1	Hydrocarbon Oil Index (HOI)	10 mg/l	None set	1.47	EN ISO 9377-2	18 Dec 24 Quarterly Composite	±25 %
S1	Arsenic (As)	0.1 mg/l	None set	0.096	Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)	27 Dec 24 07:15	+/- 5%
S1	Cadmium (Cd)	0.1 mg/l	None set	0.005		29 Nov 24 13:37	+/- 5%
S1	Chromium (Cr)	0.3 mg/l	None set	0.1		15 Nov 24 13:06	+/- 5%
S1	Copper (Cu)	0.5 mg/l	None set	1.1		22 Nov 24 11:34	+/- 5%
S1	Nickel (Ni)	1 mg/l	None set	1.0		11 Dec 24 14:13	+/- 5%
S1	Lead (Pb)	0.3 mg/l	None set	0.2		22 Nov 24 11:34	+/- 5%
S1	Zinc (Zn)	2 mg/l	None set	1.0		29 Nov 24 13:37	+/- 5%
S1	Manganese (Mn)	No limit set	None set	0.2		20 Nov 24 07:30	+/- 5%
S1	Hexavalent Chromium (Cr(VI))	0.1 mg/l	None set	0.54		Various EN standards available (e.g. EN ISO 10304-3, EN ISO 23913)	18 Dec 24 Quarterly Composite

Emission Point	Substance / Parameter	Emission		Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
		Limit Value						
S1	Mercury (Hg)	10 µg/l		None set	0.002	Various EN standards available (e.g. EN ISO 17852, EN ISO 12846)	18 Dec 24 Quarterly Composite	±25 %
S1	PFOA	No limit set		None set		No EN standard available		±25 %
S1	PFOS	No limit set		None set		No EN standard available		±25 %

[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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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 .....  .....

Date 04/02/2025