

Permit Number: NP3233XX

Operator: Tradebe Gwent Limited

Facility: Bridgend Waste Management Centre

Form Number: Sewer1 / 17/08/22

Reporting of emissions to sewer for the period from 01/01/2025 to 31/03/2025

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
S1	Daily Discharge	1,400 m ³ /day (700 m ³ /day Trade Effluent and 700 m ³ /day Septic Tank Waste)	Continuous ³	156	Magflo	17/03/2024 15:55	4.60%
	Peak Flow Rate	10 l/s		4.7	Magflo	18/02/2025 06:02	4.60%
	pH	6-10 pH units	Once every day	7.66 8.42	pH Meter	12/02/2025 14:50 04/02/2025 15:05	+/- 0.5
	Temperature	43 C	Once every day	18.8	Temp Probe	21/03/2025 16:05	
	Adsorbable Organically Bound Halogen (AOX)	1 mg/l	Once every quarter	2.09	Colorimetry	13/01/2025 15:30	±20 %
	Benzene, Toluene, Ethylbenzene, Xylene (BTEX)	No Limit	Once Every quarter	<2ppb	HS-GC-MS	13/01/2025 15:30	±25 %
	Free Cyanide (CN ⁻)	0.1 mg/l	Once every day	ND	Colorimetry	04/02/2025 15:05	±0.005 mg/L
	Hydrocarbon Oil Index (HOI)	10 mg/l	Once every quarter	1.11	GC -FID	13/01/2025 15:30	±25 %
	Arsenic (As)	0.1 mg/l	Once every day	0.09	ICP-OES	07/01/2025 16:05	±25 %
	Cadmium (Cd)	0.1 mg/l	Once every day	0.001	ICP-OES	03/02/2025 15:45	±25 %
	Chromium (Cr)	0.3 mg/l	Once every day	0.21	ICP-OES	17/01/2025 14:30	±25 %
	Copper (Cu)	0.5 mg/l	Once every day	0.044	ICP-OES	06/01/2025 16:10	±25 %

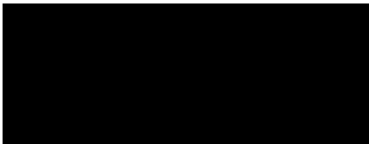
Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Nickel (Ni)	1 mg/l	Once every day	0.152	ICP-OES	03/02/2025 15.45	±25 %
	Lead (Pb)	0.3 mg/l	Once every day	0.061	ICP-OES	03/01/2025 15:35	±25 %
	Zinc (Zn)	2 mg/l	Once every day	1.819	ICP-OES	17/01/2025 16.30	±25 %
	Hexavalent Chromium (Cr(VI))	0.1 mg/l	Once every quarter	0.04	Colorimetry	03/02/2025 15.45	±25 %
	Mercury (Hg)	10 µg/l	Once every day	ND	ICP-OES	04/02/2025 15:05	±25 %
	PFOA	No Limit	Once every six months			Submit Q2	±25 %
	PFOS	No Limit	Once every six months			Submit Q2	±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 22/04/2025