

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 01/04/2025 to 30/06/2025

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	178	Magflo	18/06/2025 23:59	4.60%
	Peak Flow Rate	10 l/s		9.8	Magflo	23/04/2025 06:02	4.60%
	pH	6-10 pH units	Once every day	8.41 6.96	pH Meter	30/05/2025 15:50 25/04/2025 16:00	+/- 0.5
	Temperature	43 C	Once every day	26.7	Temp Probe	02/05/2025 16:00	
	Adsorbable Organically Bound Halogen (AOX)	1 mg/l	Once every quarter	3.11	Colorimetry	08/04/2025 15:30	±20 %
	Benzene, Toluene, Ethylbenzene, Xylene (BTEX)	No Limit	Once Every quarter	<2ppb	HS-GC-MS	08/04/2025 15:30	±25 %
	Free Cyanide (CN ⁻)	0.1 mg/l	Once every day	ND	Colorimetry	09/04/2025 16:00	±0.005 mg/L
	Hydrocarbon Oil Index (HOI)	10 mg/l	Once every quarter	2.19	GC -FID	08/04/2025 15:30	±25 %
	Arsenic (As)	0.1 mg/l	Once every day	0.05	ICP-OES	03/06/2025 15:50	±25 %
	Cadmium (Cd)	0.1 mg/l	Once every day	0.001	ICP-OES	14/05/2025 16.00	±25 %
	Chromium (Cr)	0.3 mg/l	Once every day	0.228	ICP-OES	29/05/2025 15.05	±25 %
	Copper (Cu)	0.5 mg/l	Once every day	0.142	ICP-OES	14/05/2025 16.00	±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	0.180	ICP-OES	19/05/2025 14.10	±25 %
	Lead (Pb)	0.3 mg/l	Once every day	0.070	ICP-OES	30/05/2025 15:50	±25 %
	Zinc (Zn)	2 mg/l	Once every day	0.330	ICP-OES	19/05/2025 14.10	±25 %
	Hexavalent Chromium (Cr(VI))	0.1 mg/l	Once every quarter	0.05	Colorimetry	06/05/2025 14.00	±25 %
	Mercury (Hg)	10 µg/l	Once every day	ND	ICP-OES	08/04/2025 15:30	±25 %
	PFOA	No Limit ng/l	Once every six months	983	LC MS	08/04/2025 15:30	±25 %
	PFOS	No Limit ng/l	Once every six months	<32.5	LC MS	08/04/2025 15:30	±25 %

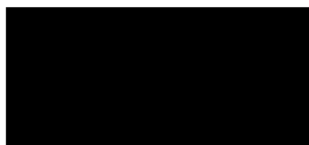
[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum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



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Date 15/07/2025