

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 01/04/2024 to 30/06/2024

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	362	Magflo	10/06/2024 07:30	4.60%
	Peak Flow Rate	10 l/s		9.89	Magflo	23/04/2024 10:51	4.60%
	pH	6-10 pH units	Once every day	6.59 8.51	pH Meter	03/06/2024 07:50 21/05/2024 08:33	+/- 0.5
	Temperature	43 C	Once every day	22.8	pH Meter	26/06/2024 10:15	
	Adsorbable Organically Bound Halogen (AOX)	1 mg/l	Once every quarter	1.49	Colorimetry	31/06/2024 10:00	±20 %
	Benzene, Toluene, Ethylbenzene, Xylene (BTEX)	No Limit	Once Every quarter	ND	HS-GC-MS	31/06/2024 10:00	±25 %
	Free Cyanide (CN ⁻)	0.1 mg/l	Once every day	ND	Colorimetry	09/04/2024 09:42	±0.005 mg/L
	Hydrocarbon Oil Index (HOI)	10 mg/l	Once every quarter	2.81	GC -FID	31/06/2024 10:00	±25 %
	Arsenic (As)	0.1 mg/l	Once every day	0.1	ICP-OES	24/05/2024 10:35	±5 %
	Cadmium (Cd)	0.1 mg/l	Once every day	0.005	ICP-OES	25/04/2024 10.42	±5 %
	Chromium (Cr)	0.3 mg/l	Once every day	0.2	ICP-OES	25/04/2024 10.42	±5 %
	Copper (Cu)	0.5 mg/l	Once every day	0.1	ICP-OES	31/05/2024 09:43	±5 %

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	0.2	ICP-OES	25/04/2024 10:42	±5 %
	Lead (Pb)	0.3 mg/l	Once every day	0.2	ICP-OES	31/05/2024 09:43	±5 %
	Zinc (Zn)	2 mg/l	Once every day	0.1	ICP-OES	31/05/2024 09:43	±5 %
	Hexavalent Chromium (Cr(VI))	0.1 mg/l	Once every quarter	<0.003	Colorimetry	02/04/2024 08:15	±25 %
	Mercury (Hg)	10 µg/l	Once every day	0.002	Cold Vapor	09/02/2024 10:26	±25 %
	PFOA	No Limit	Once every six months	950 ng/L	LC-MS/MS	31/06/2024 10:00	±25 %
	PFOS	No Limit	Once every six months	206 ng/L	LC-MS/MS	31/06/2024 10:00	±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 27/08/2024