

Permit Number: XP3833UB

Operator: GD Environmental Services Limited

Facility: East Bank Road Treatment Facility

Form Number: Sewer1 / 01/01/2024

Reporting of emissions to sewer for the period from 01/07/2024 to 30/09/2024

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
S1 – Site effluent treatment plant	Flow	No limit set	Daily average per calendar month	39m ³	Flow meter	--	5.84
	Adsorbable organically bound halogens (AOX)	1mg/l	Once every month	0.32	EN ISO 9562	27/08/2024 08.35	±20.2
	Benzene, toluene, ethylbenzene, xylene (BTEX)	No limit set	Once every month	0.32	EN ISO 15680	27/08/2024 08.35	±20.2
	Hydrocarbon oil index (HOI)	10mg/l	Once every month	BLOD	EN ISO 9377-2	23/07/2024 09.30	±15
	Arsenic (As)	0.1mg/l	Once every month	0.01	Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)	23/07/2024 09.30	±5
	Cadmium (Cd)	0.1mg/l	Once every month	0.00		27/09/2024 08.45	±5
	Copper (Cu)	0.5mg/l	Once every month	0.05		27/08/2024 08.35	±5
	Nickel (Ni)	1mg/l	Once every month	0.02		23/07/2024 09.30	±5
	Lead (Pb)	0.3mg/l	Once every month	0.02		27/09/2024 08.45	±5
	Zinc (Zn)	2mg/l	Once every month	0.31		23/07/2024 09.30	±10
	Manganese (Mn)	No limit set	Once every month	1.08		23/07/2024 09.30	±10
	PFOA	No limit set	Once every six months	0.00		No EN standard available	27/09/2024 08.45

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	PFOS	No limit set	Once every six months	0.00	No EN standard available	27/09/2024 08.45	±25
	pH	6 - 11	Daily	8.1		28/06/2024 07.30	±5

[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



(Authorised to sign as representative of Operator)

Date 28/10/2024