

Annual Environmental Performance Report 2021

This Annual Environmental performance report has been prepared to meet the reporting requirements of permit condition 4.2.2. Permit condition 4.2.2 reads;

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.

Table 1 provides the annual averages of the site effluent discharge. All the listed parameters are tested in-house except suspended solids which is tested at Wessex Water.

Table 1

Parameter	Consent Limits mg/l	Annual Averages
COD (5)	17000	1109 mg/l
Suspended Solids	3000	67 mg/l
Sulphate	1000	250
Copper	2.0	0.25
Lead		0.42
Nickel		0.30
Zinc		0.21
Ammonia	250	62
pH	6 to 11	7.6

Table 2 below provides the annual performance for water & energy consumption for the site.

Table 2

Performance Parameters		
Parameter	Frequency of Assessment	Consumption
Water Usage	Annually	129 m ³
Energy Usage	Annually	11.3 MWh

Table 3 below provides the annual discharge volumes split into quarters. The discharge is monitored by a flow meter installed on site. The Flow Meter is approved by SIRA and has undergone inspection within the last 6 months.

The flow is within the discharge consent volumes as provided by DWR Cymru Welsh Water.

Table 3

Discharge Volume	
Quarter 1	2186 m ³
Quarter 2	2199 m ³
Quarter 3	1958 m ³
Quarter 4	2216 m ³
Total	8559 m³

The discharge volume has decreased from the previous year.

There have been no environmental incidents over the past 12 months to report on.

We recognise the environmental impact of our business and are dedicated to protecting our local and global environment through responsible management.