

Permit Reference Number: CP3333BQ

Operator: Cogent Power

Installation: Orb Works, Newport

Form Number: W1

Reporting of Emissions to Water for the period September 2019

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
W1	Iron	50 mg/l	0.76	Atomic Absorption	14/9/19	ISO 14001 / ISO 9000	0.34
	Lead	0.1 mg/l	<0.02	Atomic Absorption	Sept. 2019	ISO 14001 / ISO 9000	<0.02
	Zinc	0.6 mg/l	0.06	Atomic Absorption	24/9/19	ISO 14001 / ISO 9000	<0.02
	Copper	0.1 mg/l	0.02	Atomic Absorption	12,13&22/9/19	ISO 14001 / ISO 9000	<0.02
	Nickel	1.5 mg/l	0.07	Atomic Absorption	22/9/19	ISO 14001 / ISO 9000	<0.02
	Chromium	0.8 mg/l	0.03	Atomic Absorption	23/9/19	ISO 14001 / ISO 9000	<0.02
	Oil & Grease	50 mg/l	<0.05	FTIR	Sept. 2019	ISO 14001 / ISO 9000	<5.0
	pH	6.0 – 10.0	6.9 – 8.9	pH meter	Sept. 2019	ISO 14001 / ISO 9000	0.67
	Flow	8,000 m ³ /day	1,721	MCerts Flow Meter	28/9/19	ISO 14001 / ISO 9000	554

Laboratory samples are 48 hour composites sampled every 2 hours

[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 the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated)

SignedN. Webb.....
(Authorised to sign as representative of the Operator)

Date ...15/10/19...