

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from;

01/12/2018 to 31/12/2018

OPERATOR: Uskmouth Power Company FORM: W1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

Emission Point	Substance/ Parameter	ELV	Result (1)	Test Method (2)	Sample date and time(3)	Accreditation/ Certification(4)	Uncertainty (5)
W1a	Total Suspended Solids	75 mg/l	12	BS En 872:2005	12/12/18 (11:15)	UKAS 1314 ALS	19.70%
W1a	pH	6 - 9	7.61	BS6068-2.50:1995	28/12/18 (10:20)	"	5.60%
W1a	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		"	6.60%
W1a	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		"	7.70%
W1b	Total Suspended Solids	75 mg/l	7.65	BS En 872:2005	28/12/18 (10:30)	"	19.70%
W1b	pH	6 - 9	7.84	BS6068-2.50:1995	28/12/18 (10:30)	"	5.60%
W1b	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		"	6.60%
W1b	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		"	7.70%
W2	Total Suspended Solids	150 mg/l		BS En 872:2005		"	19.70%
W2	pH	6 - 9		ISO, BS EN or SCA Blue book method		"	5.60%
W2	Temperature	30°C		ISO, BS EN or SCA Blue book method		"	+/- 1°C
W2	Biological Oxygen Demand	100 mg/l		BS EN 1899-1		"	20.10%
W2	Zinc	2 mg/l		BS EN 6068-2.29:1987		"	6.30%
W2	Copper	0.8 mg/l		BS EN 6068-2.29:1987		"	8.00%
W2	Nickel	0.4 mg/l		BS EN 6068-2.29:1987		"	7.10%
W2	Lead	0.8 mg/l		BS EN 6068-2.29:1987		"	7.00%
W2	Chromium	0.8 mg/l		BS EN 1233:1997		"	7.60%
W2	Flow	210 litres/ second max		ISO, BS EN or SCA Blue book method		"	0.50%
W2	Flow	19872 m3/day		ISO, BS EN or SCA Blue book method		"	0.50%
W2	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		"	6.60%
W2	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		"	7.70%

(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.

(6) The emission limit values for all substances is expressed as a maximum individual value

(7) W2 Flow not recorded as station power failure made DCS unavailable

Signed
(authorised to sign as representative of the Operator)

Date... 30/01/2019