

RELEASES TO CONTROLLED WATER

Reporting of emissions to water (other than sewer) for the period from:

01/07/2015 to 31/07/2015


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	<1	BS EN 872:2005	29/7/15 (12:00)	UKAS 1314 (STL)	19.70%
W1a	pH	6-9	7.99	BS6068-2:50:1995	29/7/15 (12:00)	"	5.60%
W1a	Cadmium	0.01 mg/l	<0.0001	ISO, BS EN or SCA Blue book method	06/07/2015 (09:20)	"	6.60%
W1a	Mercury	0.005 mg/l	<0.0001	ISO, BS EN or SCA Blue book method	06/07/2015 (09:20)	"	7.70%
W1b	Total Suspended Solids	75 mg/l	8.8	BS EN 872:2005	14/7/2015 (08:50)	"	
W1b	pH	6-9	7.62	BS6068-2:50:1995	28/7/15 (12:10)	"	
W1b	Cadmium	0.01 mg/l	<0.0001	ISO, BS EN or SCA Blue book method	06/07/2015 (09:30)	"	6.60%
W1b	Mercury	0.005 mg/l	<0.0001	ISO, BS EN or SCA Blue book method	06/07/2015 (09:30)	"	7.70%
W2	Total Suspended Solids	150 mg/l	5.7	BS EN 872:2005	14/07/2015 (09:00)	"	19.70%
W2	pH	6-9	7.03	ISO, BS EN or SCA Blue book method	14/07/2015 (09:00)	"	5.60%
W2	Temperature	30°C	18.9	ISO, BS EN or SCA Blue book method	9/07/2015 (11:35)	"	+/- 1°C
W2	Biological Oxygen Demand	100 mg/l	8	BS EN 1899-1	14/07/2015 (09:00)	"	20.10%
W2	Zinc	2 mg/l	0.053	BS EN 6068-2:29:1987	9/07/2015 (11:35)	"	6.30%
W2	Copper	0.8 mg/l	0.071	BS EN 6068-2:29:1987	14/07/2015 (09:00)	"	8.00%
W2	Nickel	0.4 mg/l	0.069	BS EN 6068-2:29:1987	9/07/2015 (11:35)	"	7.10%
W2	Lead	0.8 mg/l	0.003	BS EN 6068-2:29:1987	9/07/2015 (11:35)	"	7.00%
W2	Chromium	0.8 mg/l	0.004	BS EN 1233:1997	9/07/2015 (11:35)	"	7.60%
W2	Flow	210 litres/day	38	ISO, BS EN or SCA Blue book method	10/07/15	"	0.50%
W2	Flow	19872	2326	ISO, BS EN or SCA Blue book method	10/07/15	"	0.50%
W2	Cadmium	0.01 mg/l	0.0002	ISO, BS EN or SCA Blue book method	9/07/2015 (11:35)	UKAS 1314 (STL)	6.60%
W2	Mercury	0.005 mg/l	<0.0001	ISO, BS EN or SCA Blue book method	9/07/2015 (11:35)	"	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 - 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

Signed: 
 (authorised to sign as representative of the Operator)

Date: 14/10/2015