RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from; 01/07/2017 to 31/07/2017

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	7.65	EIWC05	31/07/2017 (12:00)	UKAS 9658 Eurofins	19.70%
W1a	pH	6 - 9	7.88	EIWC02	31/07/2017 (12:00)	" "	5.60%
W1a	Cadmium	0.01 mg/l		EIWC09		" "	6.60%
W1a	Mercury	0.005 mg/l					7.70%
W1b	Total Suspended Solids	75 mg/l	8	EIWC05	31/07/2017 (12:10)	" "	19.70%
W1b	pH	6 - 9	7.77	EIWC02	31/07/2017 (12:10)	" "	5.60%
W1b	Cadmium	0.01 mg/l		EIWC09		" "	6.60%
W1b	Mercury	0.005 mg/l					7.70%
W2	Total Suspended Solids	150 mg/l	7.65	EIWC05	31/07/2017 (12:20)	UKAS 9658 Eurofins	19.70%
W2	pH	6 - 9	7.43	EIWC02	31/07/2017 (12:20)	" "	5.60%
W2	Temperature	30^{oC}	17	ISO, BS EN or SCA Blue book method	31/07/2017 (12:20)		+/- 1°C
W2	Biological Oxygen Demand	100 mg/l	7	BS EN 1899-1	31/07/2017 (12:20)		20.10%
W2	Zinc	2 mg/l	0.02347	EIWC09	31/07/2017 (12:20)	UKAS 9658 Eurofins	6.30%
W2	Copper	0.8 mg/l	0.04541	EIWC09	31/07/2017 (12:20)	" "	8.00%
W2	Nickel	0.4 mg/l	0.04	EIWC09	31/07/2017 (12:20)	" "	7.10%
W2	Lead	0.8 mg/l	0.00109	EIWC09	31/07/2017 (12:20)	" "	7.00%
W2	Chromium	0.8 mg/l	0.0014	EIWC09	31/07/2017 (12:20)	" "	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		EIWC09		UKAS 9658 Eurofins	6.60%
W2	Mercury	0.005 mg/l					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, expresed in the same terms as the emission limit value. Where the emission limit value is expressedas 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 sample taken after pond manually blowdown due to rain water settling in pond. No flow or temperature measurement could be taken due to no electricity to DCS system after Switchgear incident.

(8) Awaiting confirmation of UKAS accreditation for BOD and Mercury testing

Signed .....

(authorised to sign as representative of the Operator)

Date 07/09/2017

Date: 7 September 2017
Our Ref: NRW/UPC/17-7
SIMEC Uskmouth Power
Company
Phone: 07870899392
Fax: 01633292701

Mr. Gareth Richards
Natural Resources Wales.
Rivers House,
St Mellons Business Park,
St Mellons
Cardiff.
CF3 0RY

Monthly Reporting – PPC Authorisation N° EPR/LP3131SW

Dear Mr. Richards
Please find enclosed the following monthly environmental report for the period;
01/7/2017 to 31/7/2017,
W1a, W1b & W2 - Releases to controlled waters.

W2 flow could not be taken as there are no power supply to the measuring instruments and no information showing on DCS due to the switchgear incident.

I trust this is satisfactory to your requirements, if you would like further clarification on the enclosed information please do not hesitate to contact me.

Yours sincerely

Morne van Aswegen

UPC Environmental Officer
morne.van-aswegen@simec.com

Please confirm receipt by Email