Date: 19 December 2017
Our Ref: NRW/UPC/17-11
SIMEC Uskmouth Power Company
Phone: 01633292731
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;
01/10/2017 to 31/10/2017 &…
01/11/2017 to 30/11/2017
W1a , W1b and W2 - Releases to controlled waters.

Apologies for the late reporting of October's emissions and as yet the issues around the results of the analysis are not resolved. As you will see; the test house has not applied the correct analysis standards and the limits of detection are above our permitted limits. It is highly unlikely that our permitted limits have been exceeded as the power station currently not in operation.

Please advise on course of action you require.

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

Mike James

UPC Environmental Officer
Michael.james@simec.com

Please confirm receipt by Email

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from; 01/10/2017 to 31/10/2017

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	11	EIWC05	04/10/2017 (11:10)	UKAS 9658 Eurofins	19.70%
W1a	pH	6 - 9	7.35	EIWC02	14/10/2017 (09:00)	" "	5.60%
W1a	Cadmium	0.01 mg/l	<0.03	EIWC09	04/10/2017 (11:10)	" "	6.60%
W1a	Mercury	0.005 mg/l	<0.00008		04/10/2017 (11:10)		7.70%
W1b	Total Suspended Solids	75 mg/l	<7.65	EIWC05	04/10/2017 (11:30)	" "	19.70%
W1b	pH	6 - 9	7.84	EIWC02	04/10/2017 (11:30)	" "	5.60%
W1b	Cadmium	0.01 mg/l	<0.03	EIWC09	04/10/2017 (11:30)	" "	6.60%
W1b	Mercury	0.005 mg/l	0.00028		04/10/2017 (11:40)		7.70%
W2	Total Suspended Solids	150 mg/l	<7.65	EIWC05	04/10/2017 (11:30)	UKAS 9658 Eurofins	19.70%
W2	pH	6 - 9	7.89	EIWC02	04/10/2017 (11:40)	" "	5.60%
W2	Temperature	30^{oC}	14	ISO, BS EN or SCA Blue book method	04/10/2017 (11:40)		+/- 1°C
W2	Biological Oxygen Demand	100 mg/l	1	BS EN 1899-1	04/10/2017 (11:40)		20.10%
W2	Zinc	2 mg/l	0.00008	EIWC09	04/10/2017 (11:40)	UKAS 9658 Eurofins	6.30%
W2	Copper	0.8 mg/l	0.00002	EIWC09	04/10/2017 (11:40)	" "	8.00%
W2	Nickel	0.4 mg/l	0.000012	EIWC09	04/10/2017 (11:40)	" "	7.10%
W2	Lead	0.8 mg/l	0.00002	EIWC09	04/10/2017 (11:40)	" "	7.00%
W2	Chromium	0.8 mg/l	0.000008	EIWC09	04/10/2017 (11:40)	" "	7.60%
W2	Flow	210 litres/ second max		ISO, BS EN or SCA Blue book method	04/10/2017 (11:40)		0.50%
W2	Flow	19872 m3/day		ISO, BS EN or SCA Blue book method	04/10/2017 (11:40)		0.50%
W2	Cadmium	0.01 mg/l	<0.03	EIWC09	04/10/2017 (11:40)	UKAS 9658 Eurofins	6.60%
W2	Mercury	0.005 mg/l	<1		04/10/2017 (11:40)		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 no sample taken due to ponds emptied and systems offline. No blowdown from ponds till further notice.

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

Signed .....

(authorised to sign as representative of the Operator)

Date 19-12-2017

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from; 01/11/2017 to 30/11/2017

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	22/11/2017 (12:15)	UKAS 9658 Eurofins	19.70%
W1a	pH	6 - 9	7.45	EIWC02	22/11/2017 (12:15)	" "	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	22/11/2017 (12:25)	" "	19.70%
W1b	pH	6 - 9	7.41	EIWC02	22/11/2017 (12:25)	" "	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		EIWC05		UKAS 9658 Eurofins	19.70%
W2	pH	6 - 9		EIWC02		" "	5.60%
W2	Temperature	30^{oC}		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		EIWC09		UKAS 9658 Eurofins	6.30%
W2	Copper	0.8 mg/l		EIWC09		" "	8.00%
W2	Nickel	0.4 mg/l		EIWC09		" "	7.10%
W2	Lead	0.8 mg/l		EIWC09		" "	7.00%
W2	Chromium	0.8 mg/l		EIWC09		" "	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%

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