Date: 22nd December 2016
Our Ref: NRW/UPC/16-11
SIMEC Uskmouth Power
Company
Phone: 01633 292734
Fax: 01633292701

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

Monthly Reporting – PPC Authorisation Nº EPR/LP3131SW

Dear Mr. Richards
Please find enclosed the following monthly environmental report for the period;
01/11/-2016 to 30/11/2016,
W1a, W1b & W2 - Releases to controlled waters,
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

Michael James

UPC Environmental Officer
Michael.james@uskmouthpower.com

Please confirm receipt by Email

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from; 01/11/2016 to 30/11/2016

N

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	14	BS En 872:2005	23/11/2016 (13.00)	UKAS 0568	19.70%
W1a	pH	6-9	7.6	BS6068-2.50:1995	16/11/2016 (10:00)	" "	5.60%
W1a	Cadmium	0.01 mg/l	<0.006	ISO, BS EN or SCA Blue book method	16/11/2016 (10:00)	" "	6.60%
W1a	Mercury	0.005 mg/l	<0.001	ISO, BS EN or SCA Blue book method	16/11/2016 (10:00)	" "	7.70%
W1b	Total Suspended Solids	75 mg/l	10	BS En 872:2005	23/11/2016 (13:10)	" "	19.70%
W1b	pH	6 - 9	8.1	BS6068-2.50:1995	9/11/2016 (11:30)	" "	5.60%
W1b	Cadmium	0.01 mg/l	<0.006	ISO, BS EN or SCA Blue book method	16/11/2016 (10:10)	" "	6.60%
W1b	Mercury	0.005 mg/l	<0.001	ISO, BS EN or SCA Blue book method	16/11/2016 (10:10)	" "	7.70%
W2	Total Suspended Solids	150 mg/l	62	BS En 872:2005	23/11/2016 (13:20)	" "	19.70%
W2	pH	6 - 9	6.8	ISO, BS EN or SCA Blue book method	23/11/2016 (13:20)	" "	5.60%
W2	Temperature	30^{oC}	13.3	ISO, BS EN or SCA Blue book method	23/11/2016 (13:20)		+/- 1^{o}C
W2	Biological Oxygen	100 mg/l	<1	BS EN 1899-1	23/11/2016 (13:20)		20.10%
W2	Zinc	2 mg/l	0.15	BS EN 6068-2.29:1987	23/11/2016 (13:20)	" "	6.30%
W2	Copper	0.8 mg/l	0.162	BS EN 6068-2.29:1987	23/11/2016 (13:20)	" "	8.00%
W2	Nickel	0.4 mg/l	0.108	BS EN 6068-2.29:1987	23/11/2016 (13:20)	" "	7.10%
W2	Lead	0.8 mg/l	0.0087	BS EN 6068-2.29:1987	23/11/2016 (13:20)	" "	7.00%
W2	Chromium	0.8 mg/l	0.77	BS EN 1233:1997	23/11/2016 (13:20)	" "	7.60%
W2	Flow	210 litres/ second max	38	ISO, BS EN or SCA Blue book method	23/11/2016 (13:20)		0.50%
W2	Flow	19872 m3/day	3283.2	ISO, BS EN or SCA Blue book method	23/11/2016 (13:20)		0.50%
W2	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		UKAS 0568	6.60%
W2	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		" " "	7.70%

Where the emission limit value is expressedas a range, the result is given as the minimum - maximum measured values.
given. In other cases the principal technique is stated, e.g. colorimetry.
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 22/12/16