



Date: 30th May 2019
Our Ref: NRW/UPC/19-4
SIMEC Uskmouth Power Company
Phone: 01633 292729
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;
01/04/2019 to 30/04/2019,
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

Morne Van Aswegen

Fuel and Plant Performance Engineer
Morne.van-aswegen@simecatlantis.com

Please confirm receipt by Email

RELEASES TO CONTROLLED WATER

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

01/04/2019 to 30/04/2019

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	<5	BS 690:1981 Part 120, No WSLM10	16/04/2019 (09:40)	UKAS 1252 SOCCOTEC	19.70%
W1a	pH	6 - 9	7.8	BS 2690:1984 Part 109, No WSLM3	03/04/2019 (09:30)	"	5.60%
W1a	Cadmium	0.01 mg/l	<0.0001	ICPMS, No ICPMSW	16/04/2019 (09:40)	"	6.60%
W1a	Mercury	0.005 mg/l	<0.0001	ICPMS, No ICPMSW	16/04/2019 (09:40)	"	7.70%
W1b	Total Suspended Solids	75 mg/l	<5	BS 690:1981 Part 120, No WSLM10	16/04/2019 (09:40)	"	19.70%
W1b	pH	6 - 9	8	BS 2690:1984 Part 109, No WSLM3	03/04/2019 (09:40)	"	5.60%
W1b	Cadmium	0.01 mg/l	<0.0001	ICPMS, No ICPMSW	03/04/2019 (09:40)	"	6.60%
W1b	Mercury	0.005 mg/l	<0.0001	ICPMS, No ICPMSW	03/04/2019 (09:40)	"	7.70%
W2	Total Suspended Solids	150 mg/l	5	BS 690:1981 Part 120, No WSLM10	16/04/2019 (09:30)	"	19.70%
W2	pH	6 - 9	8.43	BS 2690:1984 Part 109, No WSLM3	03/04/2019 (10:00)	"	5.60%
W2	Temperature	30°C	8	ISO, BS EN or SCA Blue book method	16/04/2019 (09:30)	"	+/- 1°C
W2	Biological Oxygen Demand	100 mg/l	<2	DO probe No WSLM20	03/04/2019 (10:00)	"	20.10%
W2	Zinc	2 mg/l	0.021	ICPMS, No ICPMSW	30/04/2019 (10:50)	"	6.30%
W2	Copper	0.8 mg/l	0.017	ICPMS, No ICPMSW	16/04/2019 (09:30)	"	8.00%
W2	Nickel	0.4 mg/l	0.007	ICPMS, No ICPMSW	03/04/2019 (10:00)	"	7.10%
W2	Lead	0.8 mg/l	<0.001	ICPMS, No ICPMSW	03/04/2019 (10:00)	"	7.00%
W2	Chromium	0.8 mg/l	<0.001	ICPMS, No ICPMSW	03/04/2019 (10:00)	"	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	<0.0001	ICPMS, No ICPMSW	03/04/2019 (10:00)	"	6.60%
W2	Mercury	0.005 mg/l	<0.0001	ICPMS, No ICPMSW	03/04/2019 (10:00)	"	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. colourimetry.
- (3) For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flowtime 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: 30/05/19