SIMEC ATLANTIS ENERGY

Date: 28th February 2020
Our Ref: NRW/UPC/20-01
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;
01/01/2020 to 31/01/2020,
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

Environmental Officer
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; 01/01/2020 to 31/01/2020

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	10	BS En 872:2005	03/01/2020 (10:00)	UKAS 1314 ALS	19.70%
W1a	pH	6 - 9	7.6	BS6068-2.50:1995	03/01/2020 (10:00)	"	5.60%
W1a	Cadmium	0.01 mg/l	<0.00002	ISO, BS EN or SCA Blue book method	03/01/2020 (10:00)	"	6.60%
W1a	Mercury	0.005 mg/l	<0.00003	ISO, BS EN or SCA Blue book method	03/01/2020 (10:00)	"	7.70%
W1b	Total Suspended Solids	75 mg/l	5	BS En 872:2005	03/01/2020 (10:10)	"	19.70%
W1b	pH	6 - 9	8	BS6068-2.50:1995	29/01/2020 (09:10)	"	5.60%
W1b	Cadmium	0.01 mg/l	<0.00002	ISO, BS EN or SCA Blue book method	03/01/2020 (10:10)	"	6.60%
W1b	Mercury	0.005 mg/l	<0.00003	ISO, BS EN or SCA Blue book method	03/01/2020 (10:10)	"	7.70%
W2	Total Suspended Solids	150 mg/l	20	BS En 872:2005	17/01/2020 (11:35)	"	19.70%
W2	pH	6 - 9	8.2	ISO, BS EN or SCA Blue book method	29/01/2020 (09:20)	"	5.60%
W2	Temperature	30^{oC}	9	ISO, BS EN or SCA Blue book method	29/01/2020 (09:20)	"	+/- 1^{o}C
W2	Biological Oxygen	100 mg/l	2.1	BS EN 1899-1	17/01/2020 (11:35)	"	20.10%
W2	Zinc	2 mg/l	0.056	BS EN 6068-2.29:1987	29/01/2020 (09:20)	"	6.30%
W2	Copper	0.8 mg/l	0.021	BS EN 6068-2.29:1987	29/01/2020 (09:20)	"	8.00%
W2	Nickel	0.4 mg/l	0.005	BS EN 6068-2.29:1987	29/01/2020 (09:20)	"	7.10%
W2	Lead	0.8 mg/l	<0.001	BS EN 6068-2.29:1987	29/01/2020 (09:20)	"	7.00%
W2	Chromium	0.8 mg/l	<0.001	BS EN 1233:1997	29/01/2020 (09:20)	"	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	0.00004	ISO, BS EN or SCA Blue book method	17/01/2020 (11:35)	"	6.60%
W2	Mercury	0.005 mg/l	<0.00003	ISO, BS EN or SCA Blue book method	29/01/2020 (09:20)	"	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 Flow not recorded as station power failure made DCS unavailble

Signed .....

(authorised to sign as representative of the Operator)

Date 28/02/2020