



Date: 16th March 2017
Our Ref: NRW/UPC/17-1
SIMEC Uskmouth Power
Company
Phone: 01633 292734
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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

Sorry about the delay in sending this report, the labs seemed to have had some issue processing the samples.

Please find enclosed the following monthly environmental report for the period;
01/1/-2017 to 31/12/2017,

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

A handwritten signature in black ink, appearing to read '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:

01/01/2017 to 31/01/2017

OPERATOR: Uskmouth Power Company FORM: W1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

Emission Point	Substance/Parameter	EIV	Result (1)	Test Method (2)	Sample date and time (3)	Accreditation/ Certification (4)	Uncertainty (5)
W1a	Total Suspended Solids	75 mg/l	7	BS EN 872:2005	18/1/2017 (11:35)	UKAS 0568	19.70%
W1a	pH	6 - 9	8.2	BS6068-2:50:1995	30/1/2017 (10:10)	"	5.60%
W1a	Cadmium	0.01 mg/l	0.0006	ISO, BS EN or SCA Blue book method	18/1/2017 (11:35)	"	6.60%
W1a	Mercury	0.005 mg/l	0.0001	ISO, BS EN or SCA Blue book method	18/1/2017 (11:35)	"	7.70%
W1b	Total Suspended Solids	75 mg/l	9	BS EN 872:2005	18/1/2017 (11:45)	"	19.70%
W1b	pH	6 - 9	8.3	BS6068-2:50:1995	30/1/2017 (10:20)	"	5.60%
W1b	Cadmium	0.01 mg/l	0.0006	ISO, BS EN or SCA Blue book method	18/1/2017 (11:45)	"	6.60%
W1b	Mercury	0.005 mg/l	0.0001	ISO, BS EN or SCA Blue book method	18/1/2017 (11:45)	"	7.70%
W2	Total Suspended Solids	150 mg/l	70	BS EN 872:2005	25/1/2017 (09:35)	"	19.70%
W2	pH	6 - 9	6.6	ISO, BS EN or SCA Blue book method	25/1/2017 (09:35)	"	5.60%
W2	Temperature	30°C	11.1	ISO, BS EN or SCA Blue book method	25/1/2017 (09:35)	"	+/- 1°C
W2	Biological Oxygen	100 mg/l	1	BS EN 1899-1	25/1/2017 (09:35)	"	20.10%
W2	Zinc	2 mg/l	0.203	BS EN 6068-2:29:1987	25/1/2017 (09:35)	"	6.30%
W2	Copper	0.8 mg/l	0.253	BS EN 6068-2:29:1987	25/1/2017 (09:35)	"	8.00%
W2	Nickel	0.4 mg/l	0.152	BS EN 6068-2:29:1987	25/1/2017 (09:35)	"	7.10%
W2	Lead	0.8 mg/l	0.0103	BS EN 6068-2:29:1987	25/1/2017 (09:35)	"	7.00%
W2	Chromium	0.8 mg/l	0.012	BS EN 1233:1997	25/1/2017 (09:35)	"	7.60%
W2	Flow	210 litres/second	36	ISO, BS EN or SCA Blue book method	25/1/2017 (09:35)	"	0.50%
W2	Flow	19872 m ³ /day	3110.4	ISO, BS EN or SCA Blue book method	25/1/2017 (09:35)	"	0.50%
W2	Cadmium	0.01 mg/l	0.0006	ISO, BS EN or SCA Blue book method	25/1/2017 (09:35)	UKAS 0568	6.60%
W2	Mercury	0.005 mg/l	0.0001	ISO, BS EN or SCA Blue book method	25/1/2017 (09:35)	"	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. colorimetry.

(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

Signed: (authorised to sign as representative of the Operator)

Date: 16/3/2017