



Date: 28th June 2016
Our Ref: NRW/UPC/16-05
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^oLP3131SW

Dear Mr. Richards

Please find enclosed the following monthly environmental report for the period;
01/05/-2016 to 31/05/2016,

W1 - 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: 01/05/2016 to 31/05/2016

OPERATOR: Uskmouth Power Company FORM: W1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

Point	Substance/Parameter	ELV	Result (1)	Test Method (2)	Sample date and time (3)	Accreditation/ Certification (4)	Uncertainty (5)
W1a	Total Suspended Solid	75 mg/l	12	BS EN 872:2005	12/5/2016 (11:00)	UKAS 1314 (STL)	19.70%
W1a	pH	6 - 9	7.9	BS 6068-2.50:1995	12/5/2016 (11:00)	"	5.60%
W1a	Cadmium	0.01 mg/l		ISO. BS EN or SCA Blue book method		"	6.60%
W1a	Mercury	0.005 mg/l		ISO. BS EN or SCA Blue book method		"	7.70%
W1b	Total Suspended Solid	75 mg/l	11	BS EN 872:2005	18/5/2016 (09:40)	"	19.70%
W1b	pH	6 - 9	8.3	BS 6068-2.50:1995	18/5/2016 (09:40)	"	5.60%
W1b	Cadmium	0.01 mg/l		ISO. BS EN or SCA Blue book method		"	6.60%
W1b	Mercury	0.005 mg/l		ISO. BS EN or SCA Blue book method		"	7.70%
W2	Total Suspended Solid	150 mg/l		BS EN 872:2005		"	19.70%
W2	pH	6 - 9		ISO. BS EN or SCA Blue book method		"	5.60%
W2	Temperature	30°C		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		BS EN 6068-2.29:1987		"	6.30%
W2	Copper	0.8 mg/l		BS EN 6068-2.29:1987		"	8.00%
W2	Nickel	0.4 mg/l		BS EN 6068-2.29:1987		"	7.10%
W2	Lead	0.8 mg/l		BS EN 6068-2.29:1987		"	7.00%
W2	Chromium	0.8 mg/l		BS EN 1233:1997		"	7.60%
W2	Flow	210 litres/second					
W2	Flow	max		ISO. BS EN or SCA Blue book method			0.50%
W2	Flow	19872 m3/day		ISO. BS EN or SCA Blue book method			
W2	Cadmium	0.01 mg/l		ISO. BS EN or SCA Blue book method		UKAS 1314 (STL)	0.50%
W2	Mercury	0.005 mg/l		ISO. BS EN or SCA Blue book method		"	6.60%
W2	Mercury	0.005 mg/l		ISO. BS EN or SCA Blue book method		"	7.70%

Note there were no discharges to W2 for the whole of May

- (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 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

Signed  Date 28/6/2016