

RELEASES TO CONTROLLED WATER

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

01/07/2025 to 31/07/2025

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	NA	BS En 872:2005	No Sample	Available	UKAS 1314 ALS	19.70%
W1a	pH	6 - 9	NA	BS6068-2.50:1995	No Sample	Available	"	5.60%
W1a	Cadmium	0.01 mg/l	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	6.60%
W1a	Mercury	0.005 mg/l	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	7.70%
W1b	Total Suspended Solids	75 mg/l	NA	BS En 872:2005	No Sample	Available	"	19.70%
W1b	pH	6 - 9	NA	BS6068-2.50:1995	No Sample	Available	"	5.60%
W1b	Cadmium	0.01 mg/l	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	6.60%
W1b	Mercury	0.005 mg/l	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	7.70%
W2	Total Suspended Solids	150 mg/l	NA	BS En 872:2005	No Sample	Available	"	19.70%
W2	pH	6 - 9	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	5.60%
W2	Temperature	30 ^o C		ISO, BS EN or SCA Blue book method	No Sample	Available	"	+/- 1 ^o C
W2	Biological Oxygen	100 mg/l	NA	BS EN 1899.1	No Sample	Available	"	20.10%
W2	Zinc	2 mg/l	NA	BS EN 6068-2.29:1987	No Sample	Available	"	6.30%
W2	Copper	0.8 mg/l	NA	BS EN 6068-2.29:1987	No Sample	Available	"	8.00%
W2	Nickel	0.4 mg/l	NA	BS EN 6068-2.29:1987	No Sample	Available	"	7.10%
W2	Lead	0.8 mg/l	NA	BS EN 6068-2.29:1987	No Sample	Available	"	7.00%
W2	Chromium	0.8 mg/l	NA	BS EN 1233:1997	No Sample	Available	"	7.60%
W2	Flow	210 litres/ second max		ISO, BS EN or SCA Blue book method	No Sample	Available	"	0.50%
W2	Flow	19872 m3/day		ISO, BS EN or SCA Blue book method	No Sample	Available	"	0.50%
W2	Cadmium	0.01 mg/l	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	6.60%
W2	Mercury	0.005 mg/l	NA	ISO, BS EN or SCA Blue book method	No Sample	Available	"	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 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 unavailable

(8) There has been no discharge from any release points during the month of July

Signed [REDACTED]
(authorised to sign as representative of the Operator)

Date... 27/07/2025



Date: 27th August 2025
Our Ref: NRW/UPC/21-11
SIMEC Uskmouth Power
Company

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

Monthly Reporting – PPC Authorisation N° EPR/LP3131SW

Dear Mr. Baskerville

Please find the attached monthly environmental report for the period 01/07/2025 to 31/07/2025.

To include:

No Discharge to W1a & W1b – insufficient flow for analysis.

No discharge to W2 – Valve closed as precaution due to construction.

Should you require any further information, please do not hesitate to contact me.

Yours sincerely

Operations Manager

Please confirm receipt by email to

Simec Uskmouth Power Limited
A Subsidiary of Simec Atlantis Energy
Reg No: 05104786
VAT No: 209555792