Date: 30th March 2017
Our Ref: NRW/UPC/17-2
SIMEC Uskmouth Power
Company
Phone: 01633 292734
Fax: 01633292701

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

Monthly Reporting – PPC Authorisation Nº 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;
01/2/-2017 to 28/2/2017,
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

Morne van Aswegen

UPC Environmental Officer
morne.van-aswegen@simec.com

Please confirm receipt by Email

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from; 01/02/2017 to 28/02/2017

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 | 15 | BS En 872 2005 | 21/2/2017 (10:00) | UKAS 1314 (STL) | 19.70% |
| W1a | pH | 6 - 9 | 7.8 | BS6068-2 50 1995 | 15/2/2017 (11:00) | " " | 5.60% |
| W1a | Cadmium | 0.01 mg/l | <0.005 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:00) | " " | 6.60% |
| W1a | Mercury | 0.005 mg/l | <0.005 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:00) | " " | 7.70% |
| W1b | Total Suspended Solids | 75 mg/l | 9 | BS En 872 2005 | 07/2/2017 (12:10) | " " | 19.70% |
| W1b | pH | 6 - 9 | 8.1 | BS6068-2 50 1995 | 21/2/2017 (10:10) | " " | 5.60% |
| W1b | Cadmium | 0.01 mg/l | <0.005 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:10) | " " | 6.60% |
| W1b | Mercury | 0.005 mg/l | <0.005 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:10) | " " | 7.70% |
| W2 | Total Suspended Solids | 150 mg/l | 14 | BS En 872 2005 | 21/2/2017 (10:20) | " " | 19.70% |
| W2 | pH | 6 - 9 | 6.5 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:20) | " " | 5.60% |
| W2 | Temperature | 30$^{oC}$ | 18.4 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:20) | | +/- 1°C |
| W2 | Biological Oxygen Demand | 100 mg/l | 3 | BS EN 1899-1 | 21/2/2017 (10:20) | " " | 20.10% |
| W2 | Zinc | 2 mg/l | 0.09 | BS EN 6068-2 29 1987 | 21/2/2017 (10:20) | " " | 6.30% |
| W2 | Copper | 0.8 mg/l | 0.15 | BS EN 6068-2 29 1987 | 21/2/2017 (10:20) | " " | 8.00% |
| W2 | Nickel | 0.4 mg/l | 0.11 | BS EN 6068-2 29 1987 | 21/2/2017 (10:20) | " " | 7.10% |
| W2 | Lead | 0.8 mg/l | <0.01 | BS EN 6068-2 29 1987 | 21/2/2017 (10:20) | " " | 7.00% |
| W2 | Chromium | 0.8 mg/l | <0.01 | BS EN 1233 1997 | 21/2/2017 (10:20) | " " | 7.60% |
| W2 | Flow | 210 litres/ second max | 37 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:20) | | 0.50% |
| W2 | Flow | 19872 m3/day | 3196.8 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:20) | | 0.50% |
| W2 | Cadmium | 0.01 mg/l | <0.005 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:20) | UKAS 1314 (STL) | 6.60% |
| W2 | Mercury | 0.005 mg/l | <0.005 | ISO, BS EN or SCA Blue book method | 21/2/2017 (10:20) | " " " | 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

Signed .....

(authorised to sign as representative of the Operator)

Date 30/03/2017