

RELEASES TO CONTROLLED WATER

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

01/03/2020 to

31/03/2020

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                | 6          | BS En 872:2005                     | 17/03/2020 (10:00)      | UKAS 1314 ALS                   | 19.70%          |
| W1a            | pH                     | 6 - 9                  | 7.9        | BS6068-2.50:1995                   | 17/03/2020 (10:00)      | "                               | 5.60%           |
| W1a            | Cadmium                | 0.01 mg/l              | <0.00002   | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:00)      | "                               | 6.60%           |
| W1a            | Mercury                | 0.005 mg/l             | <0.00003   | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:00)      | "                               | 7.70%           |
| W1b            | Total Suspended Solids | 75 mg/l                | <5         | BS En 872:2005                     | 17/03/2020 (10:20)      | "                               | 19.70%          |
| W1b            | pH                     | 6 - 9                  | 7.7        | BS6068-2.50:1995                   | 17/03/2020 (10:20)      | "                               | 5.60%           |
| W1b            | Cadmium                | 0.01 mg/l              | <0.00002   | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:20)      | "                               | 6.60%           |
| W1b            | Mercury                | 0.005 mg/l             | <0.00003   | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:20)      | "                               | 7.70%           |
| W2             | Total Suspended Solids | 150 mg/l               | <5         | BS En 872:2005                     | 17/03/2020 (10:30)      | "                               | 19.70%          |
| W2             | pH                     | 6 - 9                  | 8.5        | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:30)      | "                               | 5.60%           |
| W2             | Temperature            | 30°C                   | 16         | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:30)      | "                               | +/- 1°C         |
| W2             | Demand                 | 100 mg/l               | 1.8        | BS EN 1899-1                       | 17/03/2020 (10:30)      | "                               | 20.10%          |
| W2             | Zinc                   | 2 mg/l                 | 0.008      | BS EN 6068-2.29:1987               | 17/03/2020 (10:30)      | "                               | 6.30%           |
| W2             | Copper                 | 0.8 mg/l               | 0.004      | BS EN 6068-2.29:1987               | 17/03/2020 (10:30)      | "                               | 8.00%           |
| W2             | Nickel                 | 0.4 mg/l               | 0.002      | BS EN 6068-2.29:1987               | 17/03/2020 (10:30)      | "                               | 7.10%           |
| W2             | Lead                   | 0.8 mg/l               | <0.001     | BS EN 6068-2.29:1987               | 17/03/2020 (10:30)      | "                               | 7.00%           |
| W2             | Chromium               | 0.8 mg/l               | <0.001     | BS EN 1233:1997                    | 17/03/2020 (10:30)      | "                               | 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              | <0.00002   | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:30)      | "                               | 6.60%           |
| W2             | Mercury                | 0.005 mg/l             | <0.00003   | ISO, BS EN or SCA Blue book method | 17/03/2020 (10:30)      | "                               | 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

Signed ...Cara Donovan.....

Date...29/04/2020.....

(authorised to sign as representative of the Operator)