

Reporting of Surface Water Monitoring for the period from ...1st September 2018...to...30th September 2018.....

Operator: RWE Generation UK plc

Form: Water2 /25/01/2013

Location: Aberthaw

Version: V.7 Jan 2013

Permit/Variation Number: EPR/RP3133LD/V006

| Emission Point | Substance / Parameter | Emission Limit Value | Result ^[1] | Test Method ^[2] | Sample Date and Times ^[3] | Accreditation/ Certification ^[4] | Uncertainty ^[5] |
|--------------------------------------|--|----------------------|-----------------------|----------------------------|--------------------------------------|---|----------------------------|
| Seawater intake from Bristol Channel | Total suspended solids | - | 19.80 mg/l | BS EN 872:2005 | | | |
| Seawater intake from Bristol Channel | pH (average value) | - | 8.0 | BS 6068-2.50:1995 | | | |
| Seawater intake from Bristol Channel | Mercury and its compounds, expressed as mercury (Total Hg) | - | 0.00001 mg/l | BS EN 17852 | | | |
| Seawater intake from Bristol Channel | Mercury (on filtered sample) | - | 0.00001 mg/l | BS EN 17852 | | | |
| W2 | Mercury and its compounds, expressed as mercury (Total Hg) (monthly cumulative mass) | 60kg/yr | 1.2 kg | BS EN 17852 | | | |

[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, unless otherwise stated.

Signed



Date 25/10/2018

(authorised to sign as representative of the Operator)