

**Reporting of Surface Water Monitoring for the period from 1st April to 30th April 2019.**

**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 <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>
Seawater intake from Bristol Channel	Total suspended solids	-	4.50 mg/l	BS EN 872:2005		
Seawater intake from Bristol Channel	pH (average value)	-	7.7	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	0.5 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 term 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, the 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 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 ..... *R.T. Powell* .....

Date.....21/05/2019

(authorised to sign as representative of the Operator)

Uncertainty <sup>[5]</sup>

ns as the emission limit

n the appropriate identifier

ge of the process