

Permit Number: EPR/HP3737UE

Operator: Severn Power Ltd

Facility: Severn Power Station

Form Number: Water1 / 10/03/10

**Reporting of emissions to water (other than to sewer) and land for year commencing January 2024**

| Month    | Emissions Point | Parameter     | Emission Limit Value | Reference Period  | Result [1]                       | Test Method [2]      | Sample Date and Times [3] | Uncertainty [4] |
|----------|-----------------|---------------|----------------------|---|----------------------------------|----------------------|---------------------------|-----------------|
| January  | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|          | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|          | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|          | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| February | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|          | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|          | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|          | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| March    | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|          | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | BS6068-2.50          | N/A                       |                 |
|          | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |

| Month | Emissions Point | Parameter     | Emission Limit Value | Reference Period  | Result [1]                       | Test Method [2]      | Sample Date and Times [3] | Uncertainty [4] |
|-------|-----------------|---------------|----------------------|---|----------------------------------|----------------------|---------------------------|-----------------|
|       | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| April | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|       | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|       | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|       | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| May   | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|       | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|       | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|       | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| June  | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|       | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|       | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|       | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |

| Month     | Emissions Point | Parameter     | Emission Limit Value | Reference Period  | Result [1]                       | Test Method [2]      | Sample Date and Times [3] | Uncertainty [4] |
|-----------|-----------------|---------------|----------------------|---|----------------------------------|----------------------|---------------------------|-----------------|
| July      | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|           | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|           | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|           | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| August    | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|           | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|           | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|           | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
| September | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005 | N/A                       |                 |
|           | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | BS6068-2.50          | N/A                       |                 |
|           | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |
|           | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe             | N/A                       |                 |

| Month    | Emissions Point | Parameter     | Emission Limit Value | Reference Period  | Result <sup>[1]</sup>            | Test Method <sup>[2]</sup> | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------|-----------------|---------------|----------------------|---|----------------------------------|----------------------------|--------------------------------------|----------------------------|
| October  | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005       | N/A                                  |                            |
|          | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
|          | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
|          | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
| November | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005       | N/A                                  |                            |
|          | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
|          | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
|          | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
| December | W1              | Total ammonia | No limit set         | Monthly spot  | Tankered off-site for treatment. | BS EN ISO 11732:2005       | N/A                                  |                            |
|          | W1              | pH            | 6-9                  | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
|          | W2              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |
|          | W3              | pH            | No limit set         | Continuous. Pumps operate only when pH is between 6 & 9 | N/A                              | pH Probe                   | N/A                                  |                            |

[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. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed  .....  
(Authorised to sign as representative of Operator)

Date...09/01/2025....