



Permit Number: EPR/AB3591ZQ

Facility: Maelor Poultry Processing Plant

Operator:

Form Number:

Maelor Foods Limited

Water 1 / 31/03/2020

**Reporting of emissions to water (other than to sewer) for the period from 01/01/2020 - 31/03/2020 Q1**

| Emission point | Substance / 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> |
|----------------|------------------------|------------------------------|----------------------------------|-----------------------|----------------------------|--------------------------------------|----------------------------|
| W1             | Flow/volume            | 1,500 m <sup>3</sup> per day | Daily                            | 801.1                 | MCERTS                     | 16/01/2020                           | 2.40%                      |
| W1             | Flow/volume            | 1,200 m <sup>3</sup> per day | Per annum (mean daily volume)    | 419.63                | MCERTS                     | 01/01/2020 - 31/03/2020              | 2.40%                      |
| W1             | Temperature            | 30°C                         | Continuous                       | 19.7                  | Std. temperature sensor    | 08/01/2020                           | Not Disclosed              |
| W1             | Total suspended solids | 30 mg/l                      | 24-hour flow proportional sample | 24.2                  | BS EN 872                  | 04/02/2020                           | Not Disclosed              |
| W1             | Ammonia                | 5 mg/l                       | 24-hour flow proportional sample | 0.2                   | BS EN 11732:2005           | 01/01/2020 - 31/03/2020              | Not Disclosed              |
| W1             | Phosphate              | 2.5 mg/l                     | 24-hour flow proportional sample | 1.03                  | BS EN ISO 15681-1:2004     | 17/03/2020                           | Not Disclosed              |
| W1             | pH                     | 6 - 9                        | Continuous                       | 8.1                   | MCERTS                     | 02/01/2020 & 18/03/2020              | Not Disclosed              |
| W1             | BOD                    | 20 mg/l                      | 24-hour flow proportional sample | 5.29                  | BS EN 1899-1 (1998)        | 05/03/2020                           | Not Disclosed              |

**Notes**

[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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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.

**Signed**

(Authorised to sign as representative of Operator)

**Date**

31/03/2020



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| Limit        | 1,200                     | 1,500 | 30   |                        |      | 30   |                            |      | 5    |                   |     | 2.5 |                     |      | 6 - 9 |           |     | 20  |               |      | None visible |                                 |
|--------------|---------------------------|-------|------|------------------------|------|------|----------------------------|------|------|-------------------|-----|-----|---------------------|------|-------|-----------|-----|-----|---------------|------|--------------|---------------------------------|
| Month        | Flow / volume<br>(m3/day) |       |      | Temperature<br>(deg C) |      |      | Suspended solids<br>(mg/l) |      |      | Ammonia<br>(mg/l) |     |     | Phosphate<br>(mg/l) |      |       | pH        |     |     | BOD<br>(mg/l) |      |              | Visible oil or grease<br>(Y/ N) |
|              | Average                   | Max   | Min  | Average                | Max  | Min  | Average                    | Max  | Min  | Average           | Max | Min | Average             | Max  | Min   | Average   | Max | Min | Average       | Max  | Min          |                                 |
| Jan          | 441.09                    | 801.1 | 1.9  | 17.6                   | 19.7 | 15.4 | 9.81                       | 16.4 | 4.2  | 0.2               | 0.2 | 0.2 | 0.34                | 0.95 | 0.14  | 7.65      | 8.1 | 7.3 | 3.19          | 3.69 | 2.73         | None visible                    |
| Feb          | 416.05                    | 642.1 | 61.3 | 15.6                   | 17.8 | 14.2 | 15.36                      | 24.2 | 10.5 | 0.2               | 0.2 | 0.2 | 0.79                | 0.99 | 0.7   | 7.81      | 8   | 7.5 | 3.86          | 4.65 | 2.97         | None visible                    |
| Mar          | 398.85                    | 722.2 | 1.8  | 17.8                   | 19.6 | 14.7 | 9.01                       | 12.6 | 5.6  | 0.2               | 0.2 | 0.2 | 0.68                | 1.03 | 0.44  | 7.87      | 8.1 | 7.4 | 4.09          | 5.29 | 2.4          | None visible                    |
| Apr          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| May          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Jun          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Jul          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Aug          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Sep          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Oct          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Nov          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Dec          |                           |       |      |                        |      |      |                            |      |      |                   |     |     |                     |      |       |           |     |     |               |      |              |                                 |
| Year average | 418.66333                 |       |      | 17                     |      |      | 11.393333                  |      |      | 0.2               |     |     | 0.60333333          |      |       | 7.7766667 |     |     | 3.71393333    |      |              |                                 |

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