

# SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

Permit Number BL9941

South Caernarfon Creameries Limited

Release Summary for month to 30/06/2015

## Releases of Rate

| W12 Reporting Form |          |                                                                           |      |      |                                                |
|--------------------|----------|---------------------------------------------------------------------------|------|------|------------------------------------------------|
| Emission Point     | Date     | Daily result of Sampling for instantaneous flow rate<br>Litres per second |      |      | Permit Limit<br>Litres per second <sup>1</sup> |
|                    |          | Max                                                                       | Min  | Ave  |                                                |
| W1                 | 01-06-15 | 8.57                                                                      | 6.67 | 7.62 | Magflow 9.72                                   |
| W1                 | 02-06-15 | 8.63                                                                      | 6.66 | 7.64 | Magflow 9.72                                   |
| W1                 | 03-06-15 | 9.33                                                                      | 6.34 | 7.82 | 9.72                                           |
| W1                 | 04-06-15 | 8.94                                                                      | 6.93 | 7.93 | Magflow 9.72                                   |
| W1                 | 05-06-15 | 9.05                                                                      | 7.02 | 8.03 | Magflow 9.72                                   |
| W1                 | 06-06-15 | 8.93                                                                      | 6.72 | 7.82 | Magflow 9.72                                   |
| W1                 | 07-06-15 | 9.31                                                                      | 0.35 | 6.55 | 9.72                                           |
| W1                 | 08-06-15 | 9.44                                                                      | 0.37 | 6.14 | 9.72                                           |
| W1                 | 09-06-15 | 8.85                                                                      | 1.94 | 6.44 | 9.72                                           |
| W1                 | 10-06-15 | 9.06                                                                      | 0.38 | 6.51 | 9.72                                           |
| W1                 | 11-06-15 | 9.61                                                                      | 1.57 | 6.24 | 9.72                                           |
| W1                 | 12-06-15 | 9.67                                                                      | 1.18 | 6.73 | 9.72                                           |
| W1                 | 13-06-15 | 9.59                                                                      | 0.75 | 7.08 | 9.72                                           |
| W1                 | 14-06-15 | 9.44                                                                      | 0.52 | 7.10 | 9.72                                           |
| W1                 | 15-06-15 | 9.16                                                                      | 0.18 | 6.32 | 9.72                                           |
| W1                 | 16-06-15 | 9.03                                                                      | 0.15 | 6.67 | 9.72                                           |
| W1                 | 17-06-15 | 9.35                                                                      | 0.17 | 6.60 | 9.72                                           |
| W1                 | 18-06-15 | 8.88                                                                      | 0.37 | 6.45 | 9.72                                           |
| W                  | 19-06-15 | 8.73                                                                      | 0.22 | 6.40 | 9.72                                           |
| W1                 | 20-06-15 | 9.27                                                                      | 0.23 | 6.71 | 9.72                                           |
| W1                 | 21-06-15 | 9.68                                                                      | 0.34 | 7.39 | 9.72                                           |
| W1                 | 22-06-15 | 9.21                                                                      | 0.24 | 6.42 | 9.72                                           |
| W1                 | 23-06-15 | 8.93                                                                      | 0.19 | 6.85 | 9.72                                           |
| W1                 | 24-06-15 | 9.18                                                                      | 0.15 | 7.21 | 9.72                                           |
| W1                 | 25-06-15 | 9.37                                                                      | 0.22 | 6.05 | 9.72                                           |
| W1                 | 26-06-15 | 9.43                                                                      | 0.19 | 7.03 | 9.72                                           |
| W1                 | 27-06-15 | 9.39                                                                      | 0.17 | 6.16 | 9.72                                           |
| W1                 | 28-06-15 | 9.49                                                                      | 0.42 | 7.22 | 9.72                                           |
| W1                 | 29-06-15 | 8.89                                                                      | 0.17 | 7.00 | 9.72                                           |
| W1                 | 30-06-15 | 8.43                                                                      | 6.63 | 7.53 | Magflow 9.72                                   |

Signed on behalf of South Caernarfon Creameries Ltd



Dated: 07-07-15

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Release Summary for month to 30/06/2015

## Releases of Flow

| W11 Reporting Form |          |                                                                                     |                                                      |
|--------------------|----------|-------------------------------------------------------------------------------------|------------------------------------------------------|
| Emission Point     | Date     | Result of Sampling for Daily Volume of Flow<br>m <sup>3</sup> per day <sup>-1</sup> | Permit Limit<br>m <sup>3</sup> per day <sup>-1</sup> |
| W1                 | 01-06-15 | 681 Magflow river in flood                                                          | 700                                                  |
| W1                 | 02-06-15 | 629 Magflow river in flood                                                          | 700                                                  |
| W1                 | 03-06-15 | 675                                                                                 | 700                                                  |
| W1                 | 04-06-15 | 640 Magflow river in flood                                                          | 700                                                  |
| W1                 | 05-06-15 | 699 Magflow river in flood                                                          | 700                                                  |
| W1                 | 06-06-15 | 669                                                                                 | 700                                                  |
| W1                 | 07-06-15 | 566                                                                                 | 700                                                  |
| W1                 | 08-06-15 | 530                                                                                 | 700                                                  |
| W1                 | 09-06-15 | 556                                                                                 | 700                                                  |
| W1                 | 10-06-15 | 562                                                                                 | 700                                                  |
| W1                 | 11-06-15 | 539                                                                                 | 700                                                  |
| W1                 | 12-06-15 | 581                                                                                 | 700                                                  |
| W1                 | 13-06-15 | 612                                                                                 | 700                                                  |
| W1                 | 14-06-15 | 614                                                                                 | 700                                                  |
| W1                 | 15-06-15 | 546                                                                                 | 700                                                  |
| W1                 | 16-06-15 | 577                                                                                 | 700                                                  |
| W1                 | 17-06-15 | 570                                                                                 | 700                                                  |
| W1                 | 18-06-15 | 558                                                                                 | 700                                                  |
| W1                 | 19-06-15 | 533                                                                                 | 710                                                  |
| W1                 | 20-06-15 | 580                                                                                 | 700                                                  |
| W1                 | 21-06-15 | 639                                                                                 | 700                                                  |
| W1                 | 22-06-15 | 555                                                                                 | 700                                                  |
| W1                 | 23-06-15 | 592                                                                                 | 700                                                  |
| W1                 | 24-06-15 | 623                                                                                 | 700                                                  |
| W1                 | 25-06-15 | 523                                                                                 | 700                                                  |
| W1                 | 26-06-15 | 607                                                                                 | 700                                                  |
| W1                 | 27-06-15 | 533                                                                                 | 700                                                  |
| W1                 | 28-06-15 | 624                                                                                 | 700                                                  |
| W1                 | 29-06-15 | 605                                                                                 | 700                                                  |
| W1                 | 30-06-15 | 604 Magflow electricity off                                                         | 700                                                  |

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Dated: 07-07-15

RF 12

| Jun-15     | 2.5mg/l | 6mg/l   | 20mg/l | 520mg/l | Not Set | Not Set   | Not Set | Not Set | Not Set | 1.5mg/l | 30mg/l |
|------------|---------|---------|--------|---------|---------|-----------|---------|---------|---------|---------|--------|
|            | ALUM    | AMMONIA | BOD    | CHLOR   | DO      | Diss Iron | Tot Fe  | Phos    | Ortho   | SS      |        |
| 03/06/2015 | 0.674   | 3.21    | 14.4   | 315     | 5.82    | 0.326     | 0.366   | 0.934   | 0.248   | 29      |        |
| 10/06/2015 | 0.282   | 1.36    | 13.5   | 238     | 5.21    | 0.259-    | 0.342   | 0.482   | 0.476   | 10.5    |        |
| 17/06/2015 | 0.269   | 3.84    | 3.36   | 227     | 7.57    | 0.159     | 0.191   | 0.302   | 0.395   | 5       |        |
| 24/06/2015 | 0.249   | 4.62    | 5.24   | 325     | 5.09    | 0.249     | 0.272   | 0.244   | 0.23    | 5       |        |
| Average    | 0.3685  | 3.2575  | 9.125  | 276.25  | 5.9225  | 0.244667  | 0.29275 | 0.4905  | 0.33725 | 12.375  |        |

Alfons 02-07-15

# SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

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Release Summary for month to 30/06/2015

## Releases of Temperature

| W4 Reporting Form |                 |                                              |       |       |                 |
|-------------------|-----------------|----------------------------------------------|-------|-------|-----------------|
| Emission Point    | Week Commencing | Result of Sampling for Weekly Temperature °C |       |       | Permit Limit °C |
|                   |                 | Max                                          | Min   | Ave   |                 |
| W1                | 01-06-15        | 22.62                                        | 18.56 | 20.92 | 25              |
| W1                | 08-06-15        | 23.56                                        | 21.62 | 22.61 | 25              |
| W1                | 15-06-15        | 23.67                                        | 21.86 | 22.62 | 25              |
| W1                | 22-06-15        | 24.25                                        | 21.73 | 23.11 | 25              |

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Dated: 07-07-15

RF 14

# SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

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Release Summary for month to 30/06/2015

## Releases of pH

| W3 Reporting Form |                 |                                              |      |      |              |
|-------------------|-----------------|----------------------------------------------|------|------|--------------|
| Emission Point    | Week Commencing | Result of Sampling for pH<br>Weekly readings |      |      | Permit Limit |
|                   |                 | Max                                          | Min  | Ave  |              |
| W1                | 01-06-15        | 7.83                                         | 7.49 | 7.67 | 6 – 9        |
| W1                | 08-06-15        | 7.92                                         | 7.56 | 7.69 | 6 – 9        |
| W1                | 15-06-15        | 8.03                                         | 7.68 | 7.77 | 6 – 9        |
| W1                | 22-06-15        | 7.80                                         | 7.62 | 7.69 | 6 – 9        |

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Dated : 07-07-15

RF 15