

# SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

Permit Number **EPR/BL9941IC**

**South Caernarfon Creameries Limited**

**Release Summary for month to 31/12/2018**

## 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                 | 01-12-18 | 683                                                                                 | 700                                                  |
| W1                 | 02-12-18 | 685 Magflow river in flood                                                          | 700                                                  |
| W1                 | 03-12-18 | 640 Magflow river in flood                                                          | 700                                                  |
| W1                 | 04-12-18 | 648                                                                                 | 700                                                  |
| W1                 | 05-12-18 | 600 Magflow river in flood                                                          | 700                                                  |
| W1                 | 06-12-18 | 586 Magflow river in flood                                                          | 700                                                  |
| W1                 | 07-12-18 | 560 Magflow river in flood                                                          | 700                                                  |
| W1                 | 08-12-18 | 562 Magflow river in flood                                                          | 700                                                  |
| W1                 | 09-12-18 | 566 Magflow river in flood                                                          | 700                                                  |
| W1                 | 10-12-18 | 546 Magflow river in flood                                                          | 700                                                  |
| W1                 | 11-12-18 | 528 magflow river in flood                                                          | 700                                                  |
| W1                 | 12-12-18 | 523 Magflow river in flood                                                          | 700                                                  |
| W1                 | 13-12-18 | 569 Magflow river in flood                                                          | 700                                                  |
| W1                 | 14-12-18 | 535                                                                                 | 700                                                  |
| W1                 | 15-12-18 | 693 Magflow river in flood                                                          | 700                                                  |
| W1                 | 16-12-18 | 659 Magflow river in flood                                                          | 700                                                  |
| W1                 | 17-12-18 | 651 Magflow river in flood                                                          | 700                                                  |
| W1                 | 18-12-18 | 670 Magflow river in flood                                                          | 700                                                  |
| W1                 | 19-12-18 | 669 Magflow river in flood                                                          | 710                                                  |
| W1                 | 20-12-18 | 686 Magflow river in flood                                                          | 700                                                  |
| W1                 | 21-12-18 | 687 Magflow river in flood                                                          | 700                                                  |
| W1                 | 22-12-18 | 635 Magflow outlet pipe partial blockage                                            | 700                                                  |
| W1                 | 23-12-18 | 625 Magflow outlet pipe partial blockage                                            | 700                                                  |
| W1                 | 24-12-18 | 635 Magflow outlet pipe partial blockage                                            | 700                                                  |
| W1                 | 25-12-18 | 635 Magflow outlet pipe partial blockage                                            | 700                                                  |
| W1                 | 26-12-18 | 627 Magflow outlet pipe partial blockage                                            | 700                                                  |
| W1                 | 27-12-18 | 561 Magflow river in flood                                                          | 700                                                  |
| W1                 | 28-12-18 | 561 Magflow cleaning spike                                                          | 700                                                  |
| W1                 | 29-12-18 | 665                                                                                 | 700                                                  |
| W1                 | 30-12-18 | 670                                                                                 | 700                                                  |
| W1                 | 31-12-18 | 666                                                                                 |                                                      |

Signed on behalf of South Caernarfon Creameries Ltd



Dated: 22.01.19

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# SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

Permit Number **EPR/BL9941IC**

**South Caernarfon Creameries Limited**

**Release Summary for month to 31/12/2018**

## 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                 | 01-12-18 | 8.46                                                                      | 6.29 | 7.91 | 9.72                                            |
| W1                 | 02-12-18 | 7.81                                                                      | 7.81 | 7.81 | Magflow 9.72                                    |
| W1                 | 03-12-18 | 7.80                                                                      | 7.80 | 7.80 | Magflow 9.72                                    |
| W1                 | 04-12-18 | 9.0                                                                       | 4.48 | 7.50 | 9.72                                            |
| W1                 | 05-12-18 | 6.48                                                                      | 6.48 | 6.48 | Magflow 9.72                                    |
| W1                 | 06-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 07-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 08-12-18 | 6.47                                                                      | 6.47 | 6.47 | Magflow 9.72                                    |
| W1                 | 09-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 10-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 11-12-18 | 6.45                                                                      | 6.45 | 6.45 | Magflow 9.72                                    |
| W1                 | 12-12-18 | 6.45                                                                      | 6.45 | 6.45 | Magflow 9.72                                    |
| W1                 | 13-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 14-12-18 | 8.47                                                                      | 0.26 | 6.19 | 9.72                                            |
| W1                 | 15-12-18 | 7.92                                                                      | 7.92 | 7.92 | Magflow 9.72                                    |
| W1                 | 16-12-18 | 7.92                                                                      | 7.92 | 7.92 | Magflow 9.72                                    |
| W1                 | 17-12-18 | 7.94                                                                      | 7.94 | 7.94 | Magflow 9.72                                    |
| W1                 | 18-12-18 | 8.00                                                                      | 8.00 | 8.00 | Magflow 9.72                                    |
| W                  | 19-12-18 | 7.94                                                                      | 7.94 | 7.94 | Magflow 9.72                                    |
| W1                 | 20-12-18 | 7.66                                                                      | 7.66 | 7.66 | Magflow 9.72                                    |
| W1                 | 21-12-18 | 7.93                                                                      | 7.93 | 7.93 | Magflow 9.72                                    |
| W1                 | 22-12-18 | 7.89                                                                      | 7.89 | 7.89 | Magflow 9.72                                    |
| W1                 | 23-12-18 | 7.89                                                                      | 7.89 | 7.89 | Magflow 9.72                                    |
| W1                 | 24-12-18 | 7.90                                                                      | 7.90 | 7.90 | Magflow 9.72                                    |
| W1                 | 25-12-18 | 6.43                                                                      | 6.43 | 6.43 | Magflow 9.72                                    |
| W1                 | 26-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 27-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 28-12-18 | 6.46                                                                      | 6.46 | 6.46 | Magflow 9.72                                    |
| W1                 | 29-12-18 | 9.18                                                                      | 2.83 | 7.69 | 9.72                                            |
| W1                 | 30-12-18 | 9.08                                                                      | 3.57 | 7.75 | 9.72                                            |
| W1                 | 31-12-18 | 9.24                                                                      | 3.60 | 7.71 | 9.72                                            |

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Dated: 22.01.19

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**SCHEDULE 3 REPORTING FORMS  
EMISSIONS TO WATER**

**Permit Number EPR/BL9941IC**

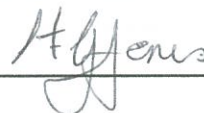
**South Caernarfon Creameries Limited**

**Release Summary for month to 31/12/2018**

**Releases of Turbidity**

| W11 Reporting Form |          |                                               |                   |
|--------------------|----------|-----------------------------------------------|-------------------|
| Emission Point     | Date     | Result of Sampling for Daily Turbidity<br>NTU | Permit Limit<br>1 |
| W1                 | 01-12-18 | 4.98                                          | -                 |
| W1                 | 02-12-18 | 6.29                                          | -                 |
| W1                 | 03-12-18 | 3.73                                          | -                 |
| W1                 | 04-12-18 | 4.16                                          | -                 |
| W1                 | 05-12-18 | 4.73                                          | -                 |
| W1                 | 06-12-18 | 4.05                                          | -                 |
| W1                 | 07-12-18 | 3.45                                          | -                 |
| W1                 | 08-12-18 | 2.95                                          | -                 |
| W1                 | 09-12-18 | 3.45                                          | -                 |
| W1                 | 10-12-18 | 4.71                                          | -                 |
| W1                 | 11-12-18 | 5.85                                          | -                 |
| W1                 | 12-12-18 | 4.50                                          | -                 |
| W1                 | 13-12-18 | 3.47                                          | -                 |
| W1                 | 14-12-18 | 3.94                                          | -                 |
| W1                 | 15-12-18 | 4.00                                          | -                 |
| W1                 | 16-12-18 | 3.97                                          | -                 |
| W1                 | 17-12-18 | 5.27                                          | -                 |
| W1                 | 18-12-18 | 8.14                                          | -                 |
| W1                 | 19-12-18 | 12.50                                         | -                 |
| W1                 | 20-12-18 | 22.05                                         | -                 |
| W1                 | 21-12-18 | 15.16                                         | -                 |
| W1                 | 22-12-18 | 5.82                                          | -                 |
| W1                 | 23-12-18 | 5.91                                          | -                 |
| W1                 | 24-12-18 | 8.25                                          | -                 |
| W1                 | 25-12-18 | 16.70                                         | -                 |
| W1                 | 26-12-18 | 21.52                                         | -                 |
| W1                 | 27-12-18 | 13.09                                         | -                 |
| W1                 | 28-12-18 | 6.65                                          | -                 |
| W1                 | 29-12-18 | 10.09                                         | -                 |
| W1                 | 30-12-18 | 19.14                                         | -                 |
| W1                 | 31-12-18 | 18.20                                         | -                 |

Signed on behalf of South Caernarfon Creameries Ltd



Dated : 22.01.19

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**SCHEDULE 3 REPORTING FORMS  
EMISSIONS TO WATER**

**Permit Number EPR/BL9941IC  
South Caernarfon Creameries Limited**

**Release Summary for month to 31/12//2018**

**Releases of pH**

| W3 Reporting Form |                 |                                              |      |      |              |
|-------------------|-----------------|----------------------------------------------|------|------|--------------|
| Emission Point    | Week Commencing | Result of Sampling for pH<br>Weekly readings |      |      | Permit Limit |
|                   |                 | Max                                          | Min  | Ave  |              |
| W1                | 01-12-18        | 7.06                                         | 6.90 | 7.00 | 6 – 9        |
| W1                | 08-12-18        | 7.24                                         | 7.04 | 7.13 | 6 – 9        |
| W1                | 15-12-18        | 7.28                                         | 6.95 | 7.07 | 6 – 9        |
| W1                | 22-12-18        | 7.69                                         | 7.01 | 7.42 | 6 – 9        |

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Dated : 22.01.19

RF 15

**SCHEDULE 3 REPORTING FORMS  
EMISSIONS TO WATER**

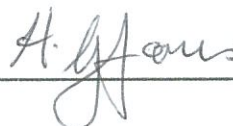
**Permit Number EPR/BL9941IC  
South Caernarfon Creameries Limited**

**Release Summary for month to 31/12/2018**

**Releases of Temperature**

| W4 Reporting Form |                 |                                              |       |       |                 |
|-------------------|-----------------|----------------------------------------------|-------|-------|-----------------|
| Emission Point    | Week Commencing | Result of Sampling for Weekly Temperature °C |       |       | Permit Limit °C |
|                   |                 | Max                                          | Min   | Ave   |                 |
| W1                | 01-12-18        | 16.45                                        | 15.05 | 15.55 | 25              |
| W1                | 08-12-18        | 16.26                                        | 12.03 | 14.91 | 25              |
| W1                | 15-12-18        | 14.67                                        | 12.17 | 13.61 | 25              |
| W1                | 22-12-18        | 16.81                                        | 12.84 | 15.39 | 25              |

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Dated: 22.01.19

RF 14

| Dec-18     | 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      |        |
| 05/12/2018 | 0.273   | 2.66     | NT     | 349     | 16.5    | 0.078     | 0.075   | 0.368   | 0.25    | 7.5     |        |
| 12/12/2018 | 0.084   | <0.2     | <1     | 638     | 6.15    | 0.071     | 0.078   | 0.567   | 1.24    | 5.5     |        |
| 19/12/2018 | 0.105   | 1.13     | NT     | 461     | 10      | 0.127     | 0.118   | 0.438   | 0.605   | 5       |        |
| 27/12/2018 | 0.218   | 3.79     | 8.81   | 359     | 6.3     | 0.115     | 0.13    | 0.737   | 0.929   | 4.5     |        |
| Average    | 0.17    | 2.526667 | 8.81   | 451.75  | 9.7375  | 0.09775   | 0.10025 | 0.5275  | 0.756   | 5.625   |        |

Hydencus. 22/1/19