



**SCHEDULE 3 REPORTING FORMS
EMISSIONS TO WATER**

**Permit Number BL9941
South Caernarfon Creameries Limited**

Release Summary for month to 31/05/2014

Releases of BOD

W1 Reporting Form			
Emission Point	Date of Sampling for BOD	Result of Sampling for BOD mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	18	20
W1	06-05-14	8.26	20
W1	13-05-14	7.13	20
W1	21-05-14	10.6	20
W1	28-05-14	9.14	20

Signed on behalf of South Caernarfon Creameries Ltd

Dated: 03-06-14

RF 04

MONITORING RETURNS N. WALES

CHECKED Vb AUTHORIZATION	LC	9.7.14
TRACKING	JB	10.6.14
ON FOR PUBLIC REGISTER	LC	9.7.14
	JB	EDM

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Releases of Total Suspended Solids

W2 Reporting Form			
Emission Point	Date of Sampling for total suspended solids	Result of Sampling for total suspended solids mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	5	30
W1	06-05-14	7.5	30
W1	13-05-14	6.5	30
W1	21-05-14	6.5	30
W1	28-05-14	5	30

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Release Summary for month to 31/05/2014

Releases of pH

W3 Reporting Form					
Emission Point	Week Commencing	Result of Sampling for pH Weekly readings			Permit Limit
		Max	Min	Ave	
W1	01-05-14	7.72	7.42	7.56	6 – 9
W1	08-05-14	8.09	7.79	7.89	6 – 9
W1	15-05-14	8.04	7.45	7.73	6 – 9
W1	22-05-14	7.70	7.56	7.59	6 – 9

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Release Summary for month to 31/05/2014

Releases of Temperature

W4 Reporting Form					
Emission Point	Week Commencing	Result of Sampling for Weekly Temperature °C			Permit Limit °C
		Max	Min	Ave	
W1	01-05-14	21.17	19.01	20.00	25
W1	08-05-14	20.88	19.80	20.30	25
W1	15-05-14	22.54	21.20	21.94	25
W1	22-05-14	21.59	20.48	21.01	25

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Release Summary for month to 31/05/2014

Releases of Ammonia

W5 Reporting Form			
Emission Point	Date of Sampling for ammonia	Result of Sampling for ammonia mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	1.39	6
W1	06-05-14	4.7	6
W1	13-05-14	5.1	6
W1	21-05-14	3.61	6
W1	28-05-14	4.31	6

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Release Summary for month to 31/05/2014

Releases of Orthophosphate

W6 Reporting Form			
Emission Point	Date of Sampling for Orthophosphate	Result of Sampling for Orthophosphate mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	0.405	1.5
W1	06-05-14	0.115	1.5
W1	13-05-14	0.296	1.5
W1	21-05-14	0.49	1.5
W1	28-05-14	0.274	1.5

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RF 10

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Release Summary for month to 31/05/2014

Releases of Total Phosphorus

W7 Reporting Form			
Emission Point	Date of Sampling for total phosphorus	Result of Sampling for total phosphorus mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	0.228	-
W1	06-05-14	0.285	-
W1	13-05-14	0.440	-
W1	21-05-14	0.442	-
W1	28-05-14	0.183	-

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RF 09

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/05/2014

Releases of Total Aluminium

W8 Reporting Form			
Emission Point	Date of Sampling for Total Aluminium	Result of Sampling for Total Aluminium mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	0.013	2.5
W1	06-05-14	0.146	2.5
W1	13-05-14	0.158	2.5
W1	21-05-14	0.158	2.5
W1	28-05-14	0.237	2.5

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RF 03

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Release Summary for month to 31/05/2014

Releases of Dissolved Iron

W9 Reporting Form			
Emission Point	Date of Sampling for Dissolved Iron	Result of Sampling for Dissolved Iron mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	0.029	-
W1	06-05-14	0.231	-
W1	13-05-14	0.225	-
W1	21-05-14	0.324	-
W1	28-05-14	0.326	-

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RF 07

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Release Summary for month to 31/05/2014

Releases of Total Iron

W10 Reporting Form			
Emission Point	Date of Sampling for Total Iron	Result of Sampling for Total Iron mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	0.039	-
W1	06-05-14	0.256	-
W1	13-05-14	0.325	-
W1	21-05-14	0.41	-
W1	28-05-14	0.43	-

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RF 08

SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

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Release Summary for month to 31/05/2014

Releases of Flow

W11 Reporting Form			
Emission Point	Date	Result of Sampling for Daily Volume of Flow m ³ per day ⁻¹	Permit Limit m ³ per day ⁻¹
W1	01-05-14	660 Magflow	700
W1	02-05-14	573	700
W1	03-05-14	653	700
W1	04-05-14	454	700
W1	05-05-14	630 Magflow computer off	700
W1	06-05-14	673	
W1	07-05-14	497	700
W1	08-05-14	620 Magflow river in flood	700
W1	09-05-14	659	700
W1	10-05-14	665	700
W1	11-05-14	697 Magflow	700
W1	12-05-14	615	700
W1	13-05-14	634	700
W1	14-05-14	636	700
W1	15-05-14	618	700
W1	16-05-14	555	700
W1	17-05-14	582	700
W1	18-05-14	630	700
W1	19-05-14	614 Magflow river in flood	710
W1	20-05-14	634 Magflow river in flood	700
W1	21-05-14	672 Magflow river in flood	700
W1	22-05-14	659	700
W1	23-05-14	6756	700
W1	24-05-14	644 Magflow river in flood	700
W1	25-05-14	637	700
W1	26-05-14	630	700
W1	27-05-14	646 Magflow river in flood	700
W1	28-05-14	572	700
W1	29-05-14	620	700
W1	30-05-14	514	700
W1	31-05-14	514	700

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Release Summary for month to 31/05/2014

Releases of Rate

W12 Reporting Form					
Emission Point	Date	Daily result of Sampling for instantaneous flow rate Litres per second			Permit Limit Litres per second ¹
		Max	Min	Ave	
W1	01-05-14	8.81	6.67	6.74	Magflow 9.72
W1	02-05-14	9.31	2.30	6.63	9.72
W1	03-05-14	9.52	2.15	7.56	9.72
W1	04-05-14	9.23	0.42	5.25	9.72
W1	05-05-14	8.79	6.64	7.71	Magflow 9.72
W1	06-05-14	9.72	5.27	7.79	9.72
W1	07-05-14	9.44	1.93	5.75	9.72
W1	08-05-14	8.44	6.28	7.36	Magflow 9.72
W1	09-05-14	9.44	5.65	7.62	9.72
W1	10-05-14	9.48	4.92	7.70	9.72
W1	11-05-14	8.41	6.26	7.33	Magflow 9.72
W1	12-05-14	9.10	0.42	7.11	9.72
W1	13-05-14	9.12	4.09	7.34	9.72
W1	14-05-14	9.28	4.47	7.36	9.72
W1	15-05-14	9.11	3.61	7.15	9.72
W1	16-05-14	8.90	0.86	6.89	9.72
W1	17-05-14	9.57	0.86	6.73	9.72
W1	18-05-14	8.97	2.06	7.29	9.72
W	19-05-14	8.39	6.27	7.33	Magflow 9.72
W1	20-05-14	8.65	6.53	7.59	Magflow 9.72
W1	21-05-14	8.84	6.71	7.77	Magflow 9.72
W1	22-05-14	9.49	3.04	7.62	9.72
W1	23-05-14	9.57	5.75	7.82	9.72
W1	24-05-14	9.11	7.38	8.24	Magflow 9.72
W1	25-05-14	9.57	0.64	7.38	9.72
W1	26-05-14	9.25	2.74	7.29	9.72
W1	27-05-14	8.73	6.58	7.65	Magflow 9.72
W1	28-05-14	9.45	0.52	6.63	9.72
W1	29-05-14	9.68	0.80	7.17	9.72
W1	30-05-14	9.41	0.53	5.95	9.72
W1	31-05-14	8.88	0.44	5.95	9.72

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Releases of Chloride

W13 Reporting Form			
Emission Point	Date of Sampling for Chloride	Result of Sampling for Chloride mg l ⁻¹	Permit Limit mg l ⁻¹
W1	01-05-14	40.6	520
W1	06-05-14	179	520
W1	13-05-14	194	520
W1	21-05-14	244	520
W1	28-05-14	284	520

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RF 05

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Release Summary for month to 31/05/2014

Releases of Dissolved Oxygen

W14 Reporting Form					
Emission Point	Month	Result of Sampling for Dissolved Oxygen mg l ⁻¹			Permit Limit mg l ⁻¹
		Max	Min	Ave	
W1	May 2014	13.6	5.07	8.07	-

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RF 06