

SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

Permit Number BL9941
South Caernarfon Creameries Limited

Release Summary for month to 31/12/2013

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	04-12-13	3.83	20
W1	11-12-13	2.75	20
W1	18-12-13	5.57	20
W1	27-12-13	5.61	20

Signed on behalf of South Caernarfon Creameries Ltd



Dated: 07-01-14

RF 04

MONITORING RETURNS N. WAL

CHECKED vs AUTHORISATION

TRACING

OK FOR PUBLICATION

THIS REPORT IS CONFIDENTIAL

INITIALS DATE

LC 18.2.14

JB 10.1.14

LC 18.2.14

JB EDRM

**SCHEDULE 3 REPORTING FORMS
EMISSIONS TO WATER**

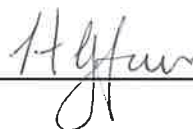
**Permit Number BL9941
South Caernarfon Creameries Limited**

Release Summary for month to 31/12/2013

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	04-12-13	12	30
W1	11-12-13	8	30
W1	18-12-13	15	30
W1	27-12-13	22.1	30

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Dated : 07-01-14

RF 11

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/12/2013

Releases of pH

W3 Reporting Form					
Emission Point	Week Commencing	Result of Sampling for pH Weekly readings			Permit Limit
		Max	Min	Ave	
W1	01-12-13	8.46	7.79	8.22	6 – 9
W1	08-12-13	8.58	7.77	8.20	6 – 9
W1	15-12-13	8.42	7.88	8.19	6 – 9
W1	22-12-13	8.26	7.78	8.07	6 – 9

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RF 15

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/12/2013

Releases of Temperature

W4 Reporting Form					
Emission Point	Week Commencing	Result of Sampling for Weekly Temperature °C			Permit Limit °C
		Max	Min	Ave	
W1	01-12-13	15.88	12.81	14.33	25
W1	08-12-13	15.67	13.22	14.47	25
W1	15-12-13	14.54	11.96	13.30	25
W1	22-12-13	14.18	11.36	12.12	25

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RF 14

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/12/2013

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	04-12-13	0.48	6
W1	11-12-13	0.304	6
W1	18-12-13	0.512	6
W1	27-12-13	<0.2	6

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Release Summary for month to 31/12/2013

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	04-12-13	0.279	1.5
W1	11-12-13	0.315	1.5
W1	18-12-13	0.195	1.5
W1	27-12-13	0.105	1.5

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RF 10

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/12/2013

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	04-12-13	0.305	-
W1	11-12-13	0.308	-
W1	18-12-13	0.327	-
W1	27-12-13	0.301	-

Signed on behalf of South Caernarfon Creameries Ltd



Dated : 07-01-14

RF 09

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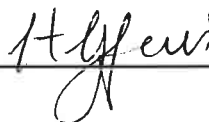
**Permit Number BL9941
South Caernarfon Creameries Limited**

Release Summary for month to 31/12/2013

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	04-12-13	0.501	2.5
W1	11-12-13	0.438	2.5
W1	18-12-13	0.493	2.5
W1	27-12-13	0.803	2.5

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RF 03

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/12/2013

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	04-12-13	0.992	-
W1	11-12-13	0.897	-
W1	18-12-13	0.850	-
W1	27-12-13	0.878	-

Signed on behalf of South Caernarfon Creameries Ltd


A handwritten signature in black ink, appearing to read 'H. G. F. W.', is written over a horizontal line.

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RF 07

**SCHEDULE 3 REPORTING FORMS
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Release Summary for month to 31/12/2013

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	04-12-13	1.18	-
W1	11-12-13	1.17	-
W1	18-12-13	1.02	-
W1	27-12-13	1.21	-

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Dated : 07-01-14

RF 08

SCHEDULE 3 REPORTING FORMS EMISSIONS TO WATER

Permit Number BL9941

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Release Summary for month to 31/12/2013

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	01-12-13	8.03	0.27	1.89	9.72
W1	02-12-13	7.48	0.40	5.81	9.72
W1	03-12-13	8.27	0.45	6.48	9.72
W1	04-12-13	7.99	0.29	2.57	9.72
W1	05-12-13	8.19	0.37	5.86	9.72
W1	06-12-13	8.10	2.98	6.87	9.72
W1	07-12-13	7.80	0.45	6.56	9.72
W1	08-12-13	7.53	0.22	2.03	9.72
W1	09-12-13	7.43	0.32	5.26	9.72
W1	10-12-13	7.52	2.73	6.68	9.72
W1	11-12-13	7.18	0.25	2.52	9.72
W1	12-12-13	7.94	0.37	5.89	9.72
W1	13-12-13	7.42	0.60	6.48	9.72
W1	14-12-13	7.45	6.64	7.04	9.72
W1	15-12-13	7.19	0.32	2.72	9.72
W1	16-12-13	7.79	0.56	6.23	9.72
W1	17-12-13	8.05	0.54	6.66	9.72
W1	18-12-13	7.32	7.32	7.32	Magflow 9.72
W	19-12-13	6.35	6.35	6.35	Magflow 9.72
W1	20-12-13	7.33	7.33	7.33	Magflow 9.72
W1	21-12-13	7.31	7.31	7.31	Magflow 9.72
W1	22-12-13	7.81	0.49	3.50	9.72
W1	23-12-13	7.33	7.33	7.33	Magflow 9.72
W1	24-12-13	7.35	7.35	7.35	Magflow 9.72
W1	25-12-13	8.16	0.62	5.46	9.72
W1	26-12-13	8.03	0.60	6.31	9.72
W1	27-12-13	8.18	0.73	6.42	9.72
W1	28-12-13	8.31	2.63	6.82	9.72
W1	29-12-13	8.69	0.32	2.65	9.72
W	30-12-13	7.53	7.53	7.53	Magflow 9.72
W1	31-12-13	8.70	3.73	7.32	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	04-12-13	352	520
W1	11-04-13	390	520
W1	18-12-13	377	520
W1	27-12-13	366	520

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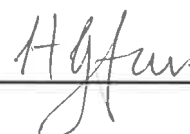
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Release Summary for month to 31/12/2013

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	December 2013	9.35	7.61	8.35	-

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RF 06