



Validated

CERTIFICATE OF ANALYSIS

Attention: Gareth Gower
Randall Parker Foods (Chem)
Dolwen
Oakley Park Road
Llanidloes
Powys
SY18 6LX
Date Received: 16 July 2018

Certificate Date: 31 July 2018
Certificate ID: 466570
Sample Delivery Group (SDG): 180716-13
Client Reference:
Location: Not Specified
Order Number:
Date Completed: 31 July 2018

Sample: W1 Treated Effluent

Sample No.: 17940366

Details: 11/07/2018

Test Description	Laboratory	Method Ref.	Result	Accreditation / Deviation	LOD/Units
Ammoniacal Nitrogen	AD	S2.3	1	#	<1 mg/l
pH	AD	S3.6.2	7.33	#	<1 pH Units
Total Suspended Solids	AD	S3.8	3	#	<2 mg/l
BOD, unfiltered	AD	S5.1	2.7	@ #	<1.4 mg/l
Chemical Oxygen Demand Total (Low)	AD	S5.2	10	#	<7 mg/l

Approved By: **Sonia McWhan**
Operations Manager



Abbreviations :< = Less than, > = Greater than. SDG = Sample Delivery Group.
The Site of the test is identified by AD = Aberdeen (HWN = Hawarden) which is part of the 1291 group.
Comments, opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.
These results are representative of the sample supplied by the client and are not guaranteed to be representative of the bulk material.

ALS Life Sciences Ltd, Persley WWTW, Woodside, ABERDEEN, AB22 8AQ. Tel: (01224) 695340

05:01:10 31/07/2018

Accreditation/Deviations # - ISO17025 accredited. M - mCERTS accredited.

1 - Container with Headspace provided for volatiles analysis. 2 - Incorrect container received. 3 - Deviation from method. 4 - Holding time exceeded before sample received.
5 - Samples exceeded holding time before preservation was performed. \$ - Sampled on date not provided. ♦ - Sample holding time exceeded in laboratory.
@ - Sample holding time exceeded due to sampled on date. & - Sample holding time exceeded - Late arrival of instructions.

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REFERENCE W1 Treated Effluent.

Permit Reference Number: GP 32 35 GH

Operator: Randall Parker Foods

Installation: Oakley Park Abattoir, Dolwen, Oakley Park, Llanidloes, Powys. SY18 6LX

Form Number: W1

Reference W1 Date - 11/07/2018

Reporting of emissions to water (other than sewer) for the period from

Time - 11:00am

Emission Point	Substance / Parameter	Emission Limit Value	Result [1]	Test Method [2]	Sample Date & Times [3]	Accreditation / Certification [4]	Uncertainty [5]
W1	BOD	40mg/l	2.7mg/l	SCA blue book 130 ISEN 0117522120	11/07/2018 11:00am	UKAS 1291	24.5 %
W1	Suspended Solids	60mg/l	3mg/l	SCA blue book 105 ISEN 011751957X	11/07/2018 11:00am	UKAS 1291	12.1 %
W1	Ammoniacal Nitrogen (as N)	25mg/l	3mg/l	SCA blue book 48 ISEN 0117516139	11/07/2018 11:00am	UKAS 1291	4.8 %
W1	Daily effluent flow rate	300m ³ /day	181.89 m ³ /day	To a relevant EN, BS, ISO standard as agreed in IC6	Average calculated with 22 days Discharge	Mcerts	+/- 8%
W1	pH	6 -10	7.33	SCA blue book 14 ISEN 0117514284	11/07/2018 11:00am	UKAS 1291	0.6 %

[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 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 the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements. Or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated).

Signed: Date: 11/7/2018
(authorised to sign as representative of the Operator)

Please also test for C.O.D.



Validated

CERTIFICATE OF ANALYSIS

Attention: Gareth Gower
Randall Parker Foods (Chem)
Dolwen
Oakley Park Road
Llanidfoes
Powys
SY18 6LX
Date Received: 14 August 2018

Certificate Date: 22 August 2018
Certificate ID: 469324
Sample Delivery Group (SDG): 180814-85
Client Reference:
Location: Not Specified
Order Number:
Date Completed: 22 August 2018

Sample: W1 Treated Effluent

Sample No.: 18114004

Details: 10/08/2018

Test Description	Laboratory	Method Ref.	Result	Accreditation / Deviation	LOD/Units
Ammoniacal Nitrogen	AD	S2.3	3	@ #	<1 mg/l
pH	AD	S3.6.2	7.22	#	<1 pH Units
Total Suspended Solids	AD	S3.8	2	@ #	<2 mg/l
BOD, unfiltered	AD	S5.1	<1.9	#	<1.4 mg/l
Chemical Oxygen Demand Total (Low)	AD	S5.2	10.6	#	<7 mg/l

Approved By: **Sonia McWhan**
Operations Manager



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17:20:17 22/08/2018

Accreditation/Deviations # - ISO17025 accredited. M - mCERTS accredited.

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REFERENCE W1 Treated Effluent.

Permit Reference Number: GP 32 35 GH

Operator: Randall Parker Foods

Installation: Oakley Park Abattoir, Dolwen, Oakley Park, Llanidloes, Powys. SY18 6LX

Form Number: W1 **Reference W1** Date - 10/08/2018

Reporting of emissions to water (other than sewer) for the period from **Time - 10:00am**

Emission Point	Substance / Parameter	Emission Limit Value	Result [1]	Test Method [2]	Sample Date & Times [3]	Accreditation / Certification [4]	Uncertainty [5]
W1	BOD	40mg/l	<1.9mg/l	SCA blue book 130 ISBN 0117522120	10/08/2018 10:00am	UKAS 1291	24.5 %
W1	Suspended Solids	60mg/l	2mg/l	SCA blue book 105 ISBN 011751957X	10/08/2018 10:00am	UKAS 1291	12.1 %
W1	Ammoniacal Nitrogen (as N)	25mg/l	3mg/l	SCA blue book 48 ISBN 0117516139	10/08/2018 10:00am	UKAS 1291	4.8 %
W1	Daily effluent flow rate	300m ³ /day	208.6m ³ /day	To a relevant EN, BS, ISO standard as agreed in IC6	Average calculated with 23 days discharge	Mcerts	+/- 8%
W1	pH	6 -10	7.22	SCA blue book 14 ISBN 0117514284	10/08/2018 10:00am	UKAS 1291	0.6 %

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Signed: Date: 10/8/2018
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CERTIFICATE OF ANALYSIS

Attention: Gareth Gower
Randall Parker Foods (Chem)
Dolwen
Oakley Park Road
Llanidloes
Powys
SY18 6LX
Date Received: 21 September 2018

Certificate Date: 01 October 2018
Certificate ID: 474632
Sample Delivery Group (SDG): 180921-120
Client Reference:
Location: Not Specified
Order Number:
Date Completed: 01 October 2018

Sample: W1 Treated Effluent

Sample No.: 18382089

Details: 17/09/2018

Test Description	Laboratory	Method Ref.	Result	Accreditation / Deviation	LOD/Units
Ammoniacal Nitrogen	AD	S2.3	2	#	<1 mg/l
pH	AD	S3.6.2	7.54	#	<1 pH Units
Total Suspended Solids	AD	S3.8	<2	@ #	<2 mg/l
BOD ₁ unfiltered	AD	S5.1	3.5	#	<1.4 mg/l
Chemical Oxygen Demand Total (Low)	AD	S5.2	10.5	#	<7 mg/l

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Operations Manager

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09:53:27 01/10/2018

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REFERENCE W1 Treated Effluent.

Permit Reference Number: GP 32 35 GH

Operator: Randall Parker Foods

Installation: Oakley Park Abattoir, Dolwen, Oakley Park, Llanidloes, Powys. SY18 6LX **Reference W1** Date - 17/09/2018

Form Number: W1

Reporting of emissions to water (other than sewer) for the period from **Time - 10:00am**

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W1	Ammoniacal Nitrogen (as N)	25mg/l	2mg/l	SCA blue book 48 ISBN 0117516139	17/09/2018 10:00am	UKAS 1291	4.8 %
W1	Daily effluent flow rate	300m ³ /day	215.60m ³ /day	To a relevant EN, BS, ISO standard as agreed in IC6	Average calculated with 21 days discharge	Meerts	+/- 8%
W1	pH	6 -10	7.54	SCA blue book 14 ISBN 0117514284	17/09/2018 10:00am	UKAS 1291	0.6 %

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(authorised to sign as representative of the Operator)

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