



Validated

CERTIFICATE OF ANALYSIS

Attention: Gareth Gower
Randall Parker Foods (Chem)
Dolwen
Oakley Park Road
Llanidloes
Powys
SY18 6LX
Date Received: 05 June 2017

Certificate Date: 10 June 2017
Certificate ID: 411915
Sample Delivery Group (SDG): 170605-26
Client Reference:
Location: Not Specified
Order Number:
Date Completed: 10 June 2017

Sample: W1 Treated Effluent

Sample No.: 15631983

Details: 01/06/2017

Test Description	Laboratory	Method Ref.	Result	Accreditation / Deviation	LOD/Units
Ammoniacal Nitrogen	AD	S2.3	9	#	<1 mg/l
pH	AD	S3.6.2	6.96	#	<1 pH Units
Total Suspended Solids	AD	S3.8	2	#	<2 mg/l
BOD, unfiltered	AD	S5.1	<4.1	#	<1.4 mg/l
Chemical Oxygen Demand Total (Low)	AD	S5.2	9.4	#	<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 Environmental, Persley WWTW, Woodside, ABERDEEN, AB22 8AQ. Tel: (01224) 695340

16:12:40 10/06/2017

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.
6 - 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 - 01/06/17

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	<4.1mg/l	SCA blue book 130 ISBN 0117522120	01/06/2017 10:00am	UKAS 1291	24.5 %
W1	Suspended Solids	60mg/l	2 mg/l	SCA blue book 105 ISBN 011751957X	01/06/2017 10:00am	UKAS 1291	12.1 %
W1	Ammoniacal Nitrogen (as N)	25mg/l	9 mg/l	SCA blue book 48 ISBN 0117516139	01/06/2017 10:00am	UKAS 1291	4.8 %
W1	Daily effluent flow rate	300m ³ /day	188.93m ³ /day	To a relevant EN, BS, ISO standard as agreed in IC6	Average calculated with 22 days discharge	Mccerts	+/- 8%
W1	pH	6 -10	6.96	SCA blue book 14 ISBN 0117514284	01/06/2017 10:00am	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: 01/06/2017

(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
Llanidloes
Powys
SY18 6LX
Date Received: 11 May 2017

Certificate Date: 16 May 2017
Certificate ID: 408728
Sample Delivery Group (SDG): 170511-71
Client Reference:
Location: Not Specified
Order Number:
Date Completed: 16 May 2017

Sample: W1 Treated Effluent

Sample No.: 15487074

Details: 09/05/2017 10:00:00

Test Description	Laboratory	Method Ref.	Result	Accreditation / Deviation	LOD/Units
Ammoniacal Nitrogen	AD	S2.3	9	#	<1 mg/l
pH	AD	S3.6.2	6.93	#	<1 pH Units
Total Suspended Solids	AD	S3.8	11	#	<2 mg/l
BOD, unfiltered	AD	S5.1	9.7	#	<1.4 mg/l
Chemical Oxygen Demand Total (Low)	AD	S5.2	25.9	#	<7 mg/l

Approved By: **Sonia McWhan**
Operations Manager



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

15:50:01 16/05/2017

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 - 09/05/17

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	9.7mg/l	SCA blue book 130 ISBN 0117522120	09/05/2017 10:00am	UKAS 1291	24.5 %
W1	Suspended Solids	60mg/l	11 mg/l	SCA blue book 105 ISBN 011751957X	09/05/2017 10:00am	UKAS 1291	12.1 %
W1	Ammoniacal Nitrogen (as N)	25mg/l	9 mg/l	SCA blue book 48 ISBN 0117516139	09/05/2017 10:00am	UKAS 1291	4.8 %
W1	Daily effluent flow rate	300m ³ /day	158.02m ³ /day	To a relevant EN, BS, ISO standard as agreed in IC6	Average calculated with 21 days discharge	Mcerts	+/- 8%
W1	pH	6 - 10	6.93	SCA blue book 14 ISBN 0117514284	09/05/2017 10:00am	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: 09/05/2017

(authorised to sign as representative of the Operator)

Please also test for C.O.D.

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 - 18/4/17

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

Time - 10:30am

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	<2.9mg/l	SCA blue book 130 ISBN 0117522120	18/4/2017 10:30am	UKAS 1291	24.5 %
W1	Suspended Solids	60mg/l	7mg/l	SCA blue book 105 ISBN 011751957X	18/4/2017 10:30am	UKAS 1291	12.1 %
W1	Ammoniacal Nitrogen (as N)	25mg/l	7mg/l	SCA blue book 48 ISBN 0117516139	18/4/2017 10:30am	UKAS 1291	4.8 %
W1	Daily effluent flow rate	300m ³ /day	208.78m ³ /day	To a relevant EN, BS, ISO standard as agreed in IC6	Average calculated with 20 days discharge	Mcerts	+/- 8%
W1	pH	6 - 10	7.36	SCA blue book 14 ISBN 0117514284	18/4/2017 10:30am	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.

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Signed: Date: 18/4/2017

(authorised to sign as representative of the Operator)

Please also test for C.O.D.



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CERTIFICATE OF ANALYSIS

Attention: Gareth Gower
Randall Parker Foods (Chem)
Dolwen
Oakley Park Road
Llanidloes
Powys
SY18 6LX
Date Received: 20 April 2017

Certificate Date: 27 April 2017
Certificate ID: 406545
Sample Delivery Group (SDG): 170420-103
Client Reference:
Location: Not Specified
Order Number:
Date Completed: 27 April 2017

Sample: W1 Treated Effluent

Sample No.: 15369566

Details: 18/04/2017

Test Description	Laboratory	Method Ref.	Result	Accreditation / Deviation	LOD/Units
Ammoniacal Nitrogen	AD	S2.3	7	#	<1 mg/l
pH	AD	S3.6.2	7.36	#	<1 pH Units
Total Suspended Solids	AD	S3.8	7	#	<2 mg/l
BOD, unfiltered	AD	S5.1	<2.9	#	<1.4 mg/l
Chemical Oxygen Demand Total (Low)	AD	S5.2	10.2	#	<7 mg/l

Approved By: **Sonia McWhan**
Operations Manager



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17:32:22 27/04/2017

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

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