

# REFERENCE W1 Treated Effluent. 16<sup>th</sup> April 2014. 9.30am

Permit Reference Number: YP3539SX

Operator: Randall Parker Foods

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

Form Number: W1 Reference W1 Date – 16/4/2014. Time 9.30am

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

| 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                 | 2.3mg/l                                      | BS EN 1899 – 1 (1998) <sup>1</sup>                  | 16/4/2014<br>9.30am                            | UKAS 1349                         | - 11.4 %        |
| W1             | Suspended Solids           | 60mg/l                 | 4.0mg/l                                      | BS EN 872:1996, BS 6068 – 2.54:1996 <sup>1</sup>    | 16/4/2014<br>9.30am                            | UKAS 1349                         | - 9.8 %         |
| W1             | Ammoniacal Nitrogen (as N) | 25mg/l                 | 7.41mg/l                                     | BS EN ISO 11732:1997 <sup>1</sup>                   | 16/4/2014<br>9.30am                            | UKAS 1349                         | -6.5 %          |
| W1             | Daily effluent flow rate   | 300 <sup>3</sup> m/day | 52.5 <sup>3</sup> m/day – daily average flow | To a relevant EN, BS, ISO standard as agreed in IC6 | Average daily flow calculated on 14 discharges | Mcerts                            | +/- 8%          |
| W1             | pH                         | 6-10                   | 7.56                                         | BS 6068-2.50:1995<br>ISO 10523:1994                 | 16/4/2014<br>9.30am                            | UKAS 1349                         | - 1.1 %         |

[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: .....John Eversfield..... Date: 16/4/2014  
(authorised to sign as representative of the Operator)

**Please also test for C.O.D.**

# REFERENCE W1 Treated Effluent. 15<sup>th</sup> May 2014.

Permit Reference Number: YP3539SX

Operator: Randall Parker Foods

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

Form Number: W1 Reference W1 Date - 15/5/2014

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

Time 13.10hrs

| 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                 | 5.5mg/l                                    | BS EN 1899 - 1 (1998) <sup>1</sup>                  | 15/5/2014<br>13.10hrs                           | UKAS 1349                         | - 11.4 %        |
| W1             | Suspended Solids           | 60mg/l                 | 8.0mg/l                                    | BS EN 872:1996, BS 6068 - 2.54:1996 <sup>1</sup>    | 15/5/2014<br>13.10hrs                           | UKAS 1349                         | - 9.8 %         |
| W1             | Ammoniacal Nitrogen (as N) | 25mg/l                 | 8.72mg/l                                   | BS EN ISO 11732:1997 <sup>1</sup>                   | 15/5/2014<br>13.10hrs                           | UKAS 1349                         | -6.5 %          |
| W1             | Daily effluent flow rate   | 300 <sup>3</sup> m/day | 73.08 <sup>3</sup> m<br>Average daily flow | To a relevant EN, BS, ISO standard as agreed in IC6 | Average daily flow calculated on 12 discharges. | Mcerts                            | +/- 8%          |
| W1             | pH                         | 6-10                   | 7.19                                       | BS 6068-2.50:1995<br>ISO 10523:1994                 | 15/5/2014<br>13.10hrs                           | UKAS 1349                         | - 1.1 %         |

[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: .....**John Eversfield**..... Date: 15/5/2014  
(authorised to sign as representative of the Operator)

## REFERENCE W1 Treated Effluent. 26<sup>th</sup> June 2014

Permit Reference Number: YP3539SX

Operator: Randall Parker Foods

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

Form Number: W1 Reference W1 Date – 26<sup>th</sup> June 2014

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                 | 2.6mg/l                                   | BS EN 1899 – 1 (1998) <sup>1</sup>                  | 26/6/2014<br>10.30am                           | UKAS 1349                         | - 11.4 %        |
| W1             | Suspended Solids           | 60mg/l                 | 12mg/l                                    | BS EN 872:1996, BS 6068 – 2.54:1996 <sup>1</sup>    | 26/6/2014<br>10.30am                           | UKAS 1349                         | - 9.8 %         |
| W1             | Ammoniacal Nitrogen (as N) | 25mg/l                 | 1.85                                      | BS EN ISO 11732:1997 <sup>1</sup>                   | 26/6/2014<br>10.30am                           | UKAS 1349                         | -6.5 %          |
| W1             | Daily effluent flow rate   | 300 <sup>3</sup> m/day | 117.53m <sup>3</sup> - Average daily flow | To a relevant EN, BS, ISO standard as agreed in IC6 | Average daily flow calculated on 13 discharges | Mcerts                            | +/- 8%          |
| W1             | pH                         | 6-10                   | 6.84                                      | BS 6068-2.50:1995<br>ISO 10523:1994                 | 26/6/2014<br>10.30am                           | UKAS 1349                         | - 1.1 %         |

[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: .....John Eversfield..... Date: 26/6/2014  
(authorised to sign as representative of the Operator)

## Please also test for C.O.D.





# Certificate of Analysis

**Certificate Date** 29-Apr-14  
**Certificate Reference** 389665-29/04/2014 14:43:33 (1)  
**Certificate ID** 594134  
**Received Date** 23-Apr-14  
**Order Number** None Supplied  
**SDG Reference** RAN\_POW 23-04-14 1  
**Sample Reference** RAN\_POW[BH-BH]1694766  
**Product Code**

**Sample :** W1 Emission Point  
 Randall Parker Foods (Chem)  
 Dolven  
 Oakley Park Road  
 Llanidloes  
 Powys  
 SY18 6LX

## Details :

| Test Description                     | Laboratory | Method Ref | Result | Units  |
|--------------------------------------|------------|------------|--------|--------|
| Total Biological Oxygen Demand (BOD) | AD         | S5.1       | \$2.3  | mg/l O |
| Total Chemical Oxygen Demand (COD)   | AD         | S5.2       | 26.8   | mg/l O |
| pH                                   | AD         | S3.6.2     | 7.56   |        |
| Ammoniacal Nitrogen                  | AD         | S2.3       | \$7.41 | mg/l   |
| Suspended Solids                     | AD         | S3.8       | \$4.0  | mg/l   |

16/04/14 @ 09:30

**Approved By:** Jonathan Bladon(Lab Manager)  
**Date:** 29-Apr-14

Abbreviations : < = Less than, > = Greater than. The site of the test is identified by AD = Aberdeen which is part of the 1349 group. 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. Tests marked \$ indicate that the maximum recommended preservation time has been exceeded therefore the analytical results may not be reflective of the concentration present at the time of sampling.



1349



# Certificate of Analysis

Certificate Date 26-May-14  
 Certificate Reference 391408-26/05/2014 10:40:36 (1)  
 Certificate ID 598825  
 Received Date 20-May-14  
 Order Number None Supplied  
 SDG Reference RAN\_POW 20-05-14 1  
 Sample Reference RAN\_POW[BH-BH]1708872  
 Product Code

Randall Parker Foods (Chem)  
 Dolven  
 Oakley Park Road  
 Llanidloes  
 Powys  
 SY18 6LX

Sample : W1

Details :

15/05/2014 @ 13:10

| Test Description                     | Laboratory | Method Ref | Result | Units  |
|--------------------------------------|------------|------------|--------|--------|
| Total Biological Oxygen Demand (BOD) | AD         | S5.1       | 55.5   | mg/l O |
| Total Chemical Oxygen Demand (COD)   | AD         | S5.2       | 25.3   | mg/l O |
| pH                                   | AD         | S3.6.2     | 7.19   |        |
| Ammoniacal Nitrogen                  | AD         | S2.3       | 58.72  | mg/l   |
| Suspended Solids                     | AD         | S3.8       | 8.0    | mg/l   |

Approved By: Jonathan Bladon(Lab Manager)  
 Date: 26-May-14

Abbreviations : < = Less than, > = Greater than. The site of the test is identified by AD = Aberdeen which is part of the 1349 group. 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. Tests marked \$ indicate that the maximum recommended preservation time has been exceeded therefore the analytical results may not be reflective of the concentration present at the time of sampling.



1349



# Certificate of Analysis

**Sample :** W1 Effluent Sample

**Details :**

Randall Parker Foods (Chem)  
 Dolwen  
 Oakley Park Road  
 Llanidloes  
 Powys  
 SY18 6LX

Certificate Date 07-Jul-14  
 Certificate Reference 393878-07/07/2014 11:33:21 (1)  
 Certificate ID 606919  
 Received Date 30-Jun-14  
 Order Number None Supplied  
 SDG Reference RAN\_POW 30-06-14 1  
 Sample Reference RAN\_POW[BH-BH]1729873  
 Product Code

| Test Description                     | Laboratory | Method Ref | Result | Units  |
|--------------------------------------|------------|------------|--------|--------|
| Total Biological Oxygen Demand (BOD) | AD         | S5.1       | 2.6    | mg/l O |
| Total Chemical Oxygen Demand (COD)   | AD         | S5.2       | 28.0   | mg/l O |
| pH                                   | AD         | S3.6.2     | 6.84   |        |
| Ammoniacal Nitrogen                  | AD         | S2.3       | 1.856  | mg/l   |
| Suspended Solids                     | AD         | S3.8       | 12     | mg/l   |

26/06/2014 @ 10:31

**Approved By:** Jonathan Bladon(Lab Manager)  
**Date:** 07-Jul-14

Abbreviations : < = Less than, > = Greater than. The site of the test is identified by AD = Aberdeen which is part of the 1349 group. 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.

