

Date of form 13/10/14

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**Schedule 3 - Form Number: W1**

**Operator: 2 Sisters Red Meats Ltd**

**Permit Number: AP3433ES**

Installation: Dowlais Slaughterhouse

Release to Water

Release Point: W1, W2

Release for Quarter ending: December 2017

| Reporting Form W1                 |             |                  |                  |                |
|-----------------------------------|-------------|------------------|------------------|----------------|
| Parameter                         | Limit Value | Release Point W1 | Release Point W2 | Month and Date |
| Mineral oil and hydrocarbons mg/l | 5           | 1.7              | 0.6              | 05/10/2017     |
| Suspended Solids mg/l             | 50          | 12.0             | 4.0              | 05/10/2017     |
| Mineral oil and hydrocarbons mg/l | 5           | 3.5              | 0.6              | 02/11/2017     |
| Suspended Solids mg/l             | 50          | 19.0             | 6.0              | 02/11/2017     |
| Mineral oil and hydrocarbons mg/l | 5           | 0.6              | 0.8              | 07/12/2017     |
| Suspended Solids mg/l             | 50          | 21.0             | 34.0             | 07/12/2017     |

Signed on behalf of the Operator .....

Date 29/01/2018

**Schedule 3 - Form Number: S1****Operator: 2 Sisters Red Meats Ltd****Permit Number: AP3433ES**

Installation: Dowlais Slaughterhouse

Release to Sewer

Release Point: S1

Release for Quarter ending: December 2017

| Reporting Form S1                              |                |       |         |                                   |         |
|------------------------------------------------|----------------|-------|---------|-----------------------------------|---------|
| Parameter                                      | Limit Value(s) | Min   | Average | 95 <sup>th</sup> Percentile Value | Maximum |
| pH                                             | 6-11           | 6.00  | 6.37    | 6.81                              | 6.83    |
| Total suspended solids mg/l                    | 600            | 14.0  | 54.6    | 108.0                             | 126.0   |
| Total chemical oxygen demand (COD) mg/l        | 3600           | 346.0 | 520.8   | 832.6                             | 904.0   |
| Free or emulsified grease or oil mg/l          | 100            | 4.6   | 12.8    | 26.6                              | 27.9    |
| Anionic synthetic detergent as manoxol OT mg/l | 100            | 0.34  | 0.94    | 1.43                              | 1.45    |
| Dissolved oxygen mg/l                          | -              | 0.50  | 1.21    | 2.54                              | 3.50    |
| Ammoniacal nitrogen as N mg/l                  | 30             | 4.1   | 28.4    | 49.0                              | 49.1    |
| Daily flow m <sup>3</sup> /day                 | 800            | 35.4  | 536.6   | 789.2                             | 794.9   |
| Maximum flow m <sup>3</sup> /h                 | 34             | 0.0   | 20.0    | 32.8                              | 33.3    |

Signed on behalf of the Operator .....

Date 24/01/2018 .....