

Permit Number: TP3535LH Operator: ConvaTec Limited

Installation: Rhymney Alginates Fibre Plant Form Number: Sewer 1 / 16.10.2006

Reporting of emissions to sewer for the three month period from 01 JAN 2017 to 31 MAR 2017

| Emission Point | Substance / Parameter      | Emission Limit Value | Reference Period            | Result <sup>(1)</sup>                  | Test Method <sup>(2)</sup> | Sample Date and Times <sup>(3)</sup> | Uncertainty <sup>(4)</sup> |
|----------------|----------------------------|----------------------|-----------------------------|----------------------------------------|----------------------------|--------------------------------------|----------------------------|
| S1             | Flow (m <sup>3</sup> /day) | -                    | Average over 3 month period | 16.56                                  | BS3680 series              | N/A                                  | N/A                        |
| S1             | Acetone (mg/l)             | -                    | Spot sample                 | ACETONE NOT USED                       | SCA Blue book 170          | ---                                  | ---                        |
| S1             | Dichloromethane            | 1.0 mg/l             | Spot sample                 | NOT A DETERMINATION<br>ON W/W REFLECTS | BS EN ISO10301:1997        | ---                                  | ---                        |

[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 is 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. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....  
(Authorised to sign as representative of Operator)

Date: 28 APR 2017

Permit Number: TP3535LH Operator: ConvaTec Limited

Installation: Rhymney Algininate Fibre Plant Form Number: Air1 / 16.10.2006

Reporting of emissions to air for the three month period from ~~01 Jan 2017~~ to 31 MAR 2017

| Emission Point | Substance / Parameter      | Emission Limit Value | Reference Period                     | Result | Test Method [2]  | Sample Date and Times [3] | Uncertainty [4] |
|----------------|----------------------------|----------------------|--------------------------------------|--------|------------------|---------------------------|-----------------|
| A1             | Total Organic Carbon (TOC) | - [1]                | Hourly averages over a 4-hour period |        | BS EN 13526:2002 |                           |                 |
| A2             | Total Organic Carbon (TOC) | - [1]                | Hourly averages over a 4-hour period |        | BS EN 13526:2002 |                           |                 |
| A3             | Total Organic Carbon (TOC) | - [1]                | Hourly averages over a 4-hour period |        | BS EN 13526:2002 |                           |                 |

\* SAMPLING PLANNED FOR LATER IN YEAR IN LINE WITH UNIT 1 (NP 3433 BC)

- [1] Each hourly average to be reported.
- [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. gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed V.S. Richards Date 28 APR 2017

(Authorised to sign as representative of Operator)