

**RELEASES TO AIR**

**QUARTERLY RETURN**

**MONTHLY MEAN, MAXIMUM DAILY MEAN AND ANNUAL PERCENTILE CONCENTRATIONS** <sup>(a),(b),(c)</sup>

**OPERATING MODE:**

Operator: Dragon LNG

Location: Waterston, Milford Haven

Permit/Variation Number: EPR/AP3136UA/V004.

Form:

IED CON 2 (Submerged Combustion Vapouriser(SCV))

Version/date:

V.2.1 31 Dec 2015

| Year:                                             | Submerged Combustion Vapouriser(SCV) |                    |                              |                         |                    |                              |
|---------------------------------------------------|--------------------------------------|--------------------|------------------------------|-------------------------|--------------------|------------------------------|
|                                                   | NO <sub>x</sub> (mg/m <sup>3</sup> ) |                    |                              | CO (mg/m <sup>3</sup> ) |                    |                              |
| Month                                             | Monthly Mean (d)                     | Max Daily Mean (d) | Part Load Max Daily Mean (e) | Monthly Mean (d)        | Max Daily Mean (d) | Part Load Max Daily Mean (e) |
| January                                           | 15.666                               |                    |                              | 18.028                  |                    |                              |
| February                                          | 5.177                                |                    |                              | 16.673                  |                    |                              |
| March                                             | 3.815                                |                    |                              | 10.808                  |                    |                              |
| April                                             | 0.486                                |                    |                              | 10.673                  |                    |                              |
| May                                               | 0.000                                |                    |                              | 1.219                   |                    |                              |
| June                                              | 2.055                                |                    |                              | 3.617                   |                    |                              |
| July                                              |                                      |                    |                              |                         |                    |                              |
| August                                            |                                      |                    |                              |                         |                    |                              |
| September                                         |                                      |                    |                              |                         |                    |                              |
| October                                           |                                      |                    |                              |                         |                    |                              |
| November                                          |                                      |                    |                              |                         |                    |                              |
| December                                          |                                      |                    |                              |                         |                    |                              |
| Monthly ELV/Daily ELV <sup>(f)</sup>              |                                      |                    |                              |                         |                    |                              |
| Annual 95 <sup>th</sup> Percentile <sup>(g)</sup> |                                      |                    |                              |                         |                    |                              |
| Annual Percentile ELV <sup>(h)</sup>              |                                      |                    |                              |                         |                    |                              |

**NOTES:**

(a) All data based on validated hourly average concentrations, excluding start-up and shut-down and

(b) Annual percentiles are submitted with the final return (Quarter 4)

(c) Extend report to cover the required number of LCP on each site and repeat report for each

- (d) Averages determined at loads in the range  $70\% < \text{Load} \leq 100\%$  ISO base load and above
- (e) Averages determined at loads in the range  $\text{MSUL}^* < \text{Load} \leq 100\%$  ISO base load and above

(\* For a 3 parameter approach, from the point of Start-Up to the point of Shut-down)

- (f) Leave the Daily ELV blank if this is applied as a 95<sup>th</sup> percentile ELV within the Permit
- (g) For each pollutant, report the Annual 95<sup>th</sup> percentile ELV for hourly averages in the first column and, if applicable, the Annual 95<sup>th</sup> percentile ELV for daily means in the second column
- (h) For each pollutant, report the Annual 95<sup>th</sup> percentile of hourly averages in the first column and, if applicable, the Annual 95<sup>th</sup> percentile of daily means in the second column

Signed on behalf of the Operator by: K. Watkins

Date of return: 13.07.21