

**Sims Group UK Limited
Northside, South Dock
Alexandra Dock
Newport**

EPR/KP3195FW_EAWML30264

Environmental Performance Report 2018

Condition 4.2.2 of EPR/KP3195FW requires the periodic reporting of environmental performance as follows;

- a) A review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.

Samples of compressor oil, metals, plastic, polyurethane foam and emissions to air are taken in accordance with permit requirements. Results obtained during 2018 are presented in Appendix 1.

Review of data versus permit limits.

CFC results for all samples taken of compressor oil and polyurethane foam were well below the permit limits.

Foam content of metal and plastic samples were all less than the permit limit.

Emissions to air results were all within permit limits.

End of Report

Appendix 1

Compressor Oil Analysis Results	
CFC Limit Value <0.9% w/w	
Date	Result
29/01/2018	0.1% w/w
21/02/2018	0.25% w/w
28/03/2018	0.037% w/w
26/04/2018	0.046% w/w
31/05/2018	0.071% w/w
29/06/2018	0.061% w/w
27/07/2018	0.081% w/w
28/08/2018	0.060% w/w
26/09/2018	0.048% w/w
29/10/2018	0.047% w/w
26/11/2018	0.048% w/w
21/12/2018	0.046% w/w

Metal Analysis Results Plant 1	
Foam Limit Value 0.5% w/w	
Date	Result
29/01/2018	Plant not operational
21/02/2018	<0.5% w/w
28/03/2018	Plant not operational
26/04/2018	Plant not operational
31/05/2018	<0.5% w/w
29/06/2018	<0.5% w/w
27/07/2018	<0.5% w/w

28/08/2018	Plant not operational
26/09/2018	<0.5% w/w
29/10/2018	Plant not operational
26/11/2018	Plant not operational
21/12/2018	Plant not operational

Metal Analysis Results Plant 2

Foam Limit Value 0.5% w/w

Date	Result
29/01/2018	<0.5% w/w
21/02/2018	<0.5% w/w
28/03/2018	<0.5% w/w
26/04/2018	<0.5% w/w
31/05/2018	<0.5% w/w
29/06/2018	<0.5% w/w
27/07/2018	<0.5% w/w
28/08/2018	<0.5% w/w
26/09/2018	Plant not operational
29/10/2018	<0.5% w/w
26/11/2018	<0.5% w/w
21/12/2018	<0.5% w/w

Plastic Analysis Results Plant 1

Foam Limit Value 1.0% w/w

Date	Result
29/01/2018	Plant not operational
21/02/2018	<1.0% w/w

28/03/2018	Plant not operational
26/04/2018	Plant not operational
31/05/2018	<1.0% w/w
29/06/2018	<1.0% w/w
27/07/2018	<1.0% w/w
28/08/2018	Plant not operational
26/09/2018	<1.0% w/w
29/10/2018	Plant not operational
26/11/2018	Plant not operational
21/12/2018	Plant not operational

Plastic Analysis Results Plant 2

Foam Limit Value 1.0% w/w

Date	Result
29/01/2018	<1.0% w/w
21/02/2018	<1.0% w/w
28/03/2018	<1.0% w/w
26/04/2018	<1.0% w/w
31/05/2018	<1.0% w/w
29/06/2018	<1.0% w/w
27/07/2018	<1.0% w/w
28/08/2018	<1.0% w/w
26/09/2018	Plant not operational
29/10/2018	<1.0% w/w
26/11/2018	<1.0% w/w
21/12/2018	<1.0% w/w

Foam Analysis Results Plant 1	
CFC Limit Value 0.2% w/w	
Date	Result
29/01/2018	Plant not operational
21/02/2018	0.0051% w/w
28/03/2018	Plant not operational
26/04/2018	Plant not operational
31/05/2018	0.0049% w/w
29/06/2018	0.0012% w/w
27/07/2018	0.012% w/w
28/08/2018	Plant not operational
26/09/2018	<0.001% w/w
29/10/2018	Plant not operational
26/11/2018	Plant not operational
21/12/2018	Plant not operational

Foam Analysis Results Plant 2	
CFC Limit Value 0.2% w/w	
Date	Result
29/01/2018	0.0085% w/w
21/02/2018	0.0061% w/w
28/03/2018	0.0028% w/w
26/04/2018	0.0101% w/w
31/05/2018	0.0041% w/w
29/06/2018	0.0016% w/w
27/07/2018	0.0024% w/w

28/08/2018	0.0136% w/w
26/09/2018	Plant not operational
29/10/2018	0.0166% w/w
26/11/2018	0.0082% w/w
21/12/2018	0.0021% w/w

Emissions to air: Chlorofluorocarbons Analysis Results Plant 1

CFC Limit Values:

<100 units: 5g per hour

>100 units but <200 units: 10g per hour

>200 units but <300 units: 15g per hour

>300 units but <400 units: 20g per hour

>400 units: 30g per hour

Date	Result
29/01/2018	Plant not operational
21/02/2018	5.0g/hr
28/03/2018	Plant not operational
26/04/2018	Plant not operational
31/05/2018	1.9g/hr
29/06/2018	2.1g/hr
30/07/2018	Plant not operational
28/08/2018	Plant not operational
26/09/2018	3.25g/hr
29/10/2018	Plant not operational
26/11/2018	Plant not operational
21/12/2018	Plant not operational

Emissions to air: Chlorofluorocarbons Analysis Results Plant 2

CFC Limit Values:

<100 units: 5g per hour

>100 units but <200 units: 10g per hour

>200 units but <300 units: 15g per hour

>300 units but <400 units: 20g per hour

>400 units: 30g per hour

Date	Result
29/01/2018	1.9g/hr
21/02/2018	1.1g/hr
28/03/2018	3.25g/hr
26/04/2018	0.95g/hr
31/05/2018	1.1g/hr
29/06/2018	1.25g/hr
30/07/2018	5g/hr
28/08/2018	0.8g/hr
26/09/2018	Plant not operational
29/10/2018	0.5g/hr
26/11/2018	0.5g/hr
21/12/2018	0.5g/hr