

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

EPR/KP3195FW_EAWML30264

Environmental Performance Report 2021

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 2021 are presented in Appendix 1.

Review of data versus permit limits.

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

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

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

Emissions to air: CFC results were all less than the permit limit.

End of Report

Appendix 1

Compressor Oil Analysis Results	
CFC Limit Value <0.9% w/w	
Date	Result
04/01/2021	0.0245% w/w
19/02/2021	0.0442% w/w
18/03/2021	0.0156% w/w
20/04/2021	0.0388% w/w
18/05/2021	0.022% w/w
22/06/2021	0.043% w/w
26/07/2021	0.0298% w/w
12/08/2021	0.0155% w/w
17/09/2021	0.014% w/w
26/10/2021	0.0182% w/w
18/11/2021	0.012% w/w
15/12/2021	0.0043% w/w

Metal Analysis Results Plant 1	
Foam Limit Value 0.5% w/w	
Date	Result
04/01/2021	<0.5% w/w
19/02/2021	<0.5% w/w
18/03/2021	<0.5% w/w
20/04/2021	<0.5% w/w
18/05/2021	<0.5% w/w
22/06/2021	<0.5% w/w
26/07/2021	<0.5% w/w

12/08/2021	<0.5% w/w
17/09/2021	<0.5% w/w
26/10/2021	<0.5% w/w
18/11/2021	<0.5% w/w
15/12/2021	<0.5% w/w

Metal Analysis Results Plant 2	
Foam Limit Value 0.5% w/w	
Date	Result
04/01/2021	<0.5% w/w
19/02/2021	<0.5% w/w
18/03/2021	<0.5% w/w
20/04/2021	<0.5% w/w
18/05/2021	<0.5% w/w
22/06/2021	<0.5% w/w
26/07/2021	<0.5% w/w
12/08/2021	<0.5% w/w
17/09/2021	<0.5% w/w
26/10/2021	<0.5% w/w
18/11/2021	<0.5% w/w
15/12/2021	<0.5% w/w

Plastic Analysis Results Plant 1	
Foam Limit Value 1.0% w/w	
Date	Result
04/01/2021	<1.0% w/w
19/02/2021	<1.0% w/w

18/03/2021	<1.0% w/w
20/04/2021	<1.0% w/w
18/05/2021	<1.0% w/w
22/06/2021	<1.0% w/w
26/07/2021	<1.0% w/w
12/08/2021	<1.0% w/w
17/09/2021	<1.0% w/w
26/10/2021	<1.0% w/w
18/11/2021	<1.0% w/w
15/12/2021	<1.0% w/w

Plastic Analysis Results Plant 2

Foam Limit Value 1.0% w/w

Date	Result
04/01/2021	<1.0% w/w
19/02/2021	<1.0% w/w
18/03/2021	<1.0% w/w
20/04/2021	<1.0% w/w
18/05/2021	<1.0% w/w
22/06/2021	<1.0% w/w
26/07/2021	<1.0% w/w
12/08/2021	<1.0% w/w
17/09/2021	<1.0% w/w
26/10/2021	<1.0% w/w
18/11/2021	<1.0% w/w
15/12/2021	<1.0% w/w

Foam Analysis Results Plant 1 CFC Limit Value 0.2% w/w	
Date	Result
04/01/2021	CFC only 0.0010% w/w With CFCs and pentane/ cyclopentane combined – 0.1% w/w
19/02/2021	CFC only 0.0025% w/w With CFCs and pentane/ cyclopentane combined – 0.0896% w/w
18/03/2021	CFC only 0.0016% w/w With CFCs and pentane/ cyclopentane combined – 0.0333% w/w
20/04/2021	CFC only 0.0016% w/w With CFCs and pentane/ cyclopentane combined – 0.1408% w/w
18/05/2021	CFC only 0.0021% w/w With CFCs and pentane/ cyclopentane combined – 0.0685% w/w
22/06/2021	CFC only 0.0031% w/w With CFCs and pentane/ cyclopentane combined – 0.0539% w/w
26/07/2021	CFC only 0.001% w/w With CFCs and pentane/ cyclopentane combined – 0.0521% w/w
12/08/2021	CFC only 0.001% w/w With CFCs and pentane/ cyclopentane combined – 0.0203% w/w

17/09/2021	CFC only 0.0015% w/w With CFCs and pentane/ cyclopentane combined – 0.0466% w/w
26/10/2021	CFC only 0.0059% w/w With CFCs and pentane/ cyclopentane combined – 0.1441% w/w
18/11/2021	CFC only 0.0011% w/w With CFCs and pentane/ cyclopentane combined – 0.0812% w/w
15/12/2021	CFC only 0.0025% w/w With CFCs and pentane/ cyclopentane combined – 0.0614% w/w

Foam Analysis Results Plant 2 CFC Limit Value 0.2% w/w	
Date	Result
04/01/2021	CFC only 0.0010% w/w With CFCs and pentane/ cyclopentane combined – 0.0914% w/w
19/02/2021	CFC only 0.0025% w/w With CFCs and pentane/ cyclopentane combined – 0.0953% w/w
18/03/2021	CFC only 0.0015% w/w With CFCs and pentane/ cyclopentane combined – 0.0327% w/w
20/04/2021	CFC only 0.0019% w/w With CFCs and pentane/ cyclopentane combined – 0.149% w/w
18/05/2021	CFC only 0.0022% w/w With CFCs and pentane/ cyclopentane combined –

	0.074% w/w
22/06/2021	CFC only 0.0035% w/w With CFCs and pentane/ cyclopentane combined – 0.0529% w/w
26/07/2021	CFC only 0.001% w/w With CFCs and pentane/ cyclopentane combined – 0.0401% w/w
12/08/2021	CFC only 0.001% w/w With CFCs and pentane/ cyclopentane combined – 0.0197% w/w
17/09/2021	CFC only 0.0014% w/w With CFCs and pentane/ cyclopentane combined – 0.0478% w/w
26/10/2021	CFC only 0.0071% w/w With CFCs and pentane/ cyclopentane combined – 0.1683% w/w
18/11/2021	CFC only 0.001% w/w With CFCs and pentane/ cyclopentane combined – 0.0765% w/w
15/12/2021	CFC only 0.0029% w/w With CFCs and pentane/ cyclopentane combined – 0.0691% 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
04/01/2021	0.5g/hr
19/02/2021	<0.5g/hr
18/03/2021	<0.5g/hr
20/04/2021	Plant not running
18/05/2021	2.45g/hr
22/06/2021	<0.5g/hr
26/07/2021	<1.15g/hr
12/08/2021	<0.5g/hr
17/08/2021	0.65g/hr
26/10/2021	<0.5g/hr
18/11/2021	<0.5g/hr
15/12/2021	<0.5g/hr

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
04/01/2021	0.7g/hr
19/02/2021	<0.5g/hr
18/03/2021	<0.5g/hr
20/04/2021	<0.5g/hr

18/05/2021	2.5g/hr
22/06/2021	<0.5g/hr
26/07/2021	<2.15g/hr
12/08/2021	0.7g/hr
17/09/2021	<0.5g/hr
26/10/2021	<0.5g/hr
18/11/2021	<0.5g/hr
15/12/2021	<0.5g/hr