



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

EPR/CP3795FY_EAWML30312

Environmental Performance Report 2021

Condition 4.2.2 of EPR/CP3795FY 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.

Spot samples of the site drainage discharge are taken from 'TSP1', 'TSP2' and 'SESP' on a quarterly basis in accordance with permit requirements. Results obtained are presented in Appendix 1. Samples were not collected during Q2 for TSP 1, nor Q3 for TSP 2 due to insufficient discharge.

Review of data versus permit limits.

pH results were stable throughout the period and all results within the permit limits.

Cadmium, Nickel, Lead, Iron and Chromium results were below the permit limits.

The Q1 Copper result for TSP1 was elevated. An investigation was undertaken to determine the cause. No incidents that could be attributed to the elevated result were identified.

The Q4 Copper results for TSP2 were elevated. An investigation was undertaken to determine the cause. No incidents that could be attributed to the elevated result were identified. Interceptor maintenance was undertaken. Subsequent results were compliant with permit limits.

All samples were visually free from oil and grease.

Sims Group UK Limited is committed to maintaining good operational practices and to closely monitoring the site drainage to surface water.

End of Report

Appendix 1

'TSP 1' Results				
Substance/ Parameter	Limit Value	17.01.21	30.09.21	15.12.21
Cadmium (dissolved) ug/l	1.6ug/l	0.41	0.89	0.38
Nickel (dissolved) ug/l	160ug/l	6.6	7.9	13.4
Lead (dissolved) ug/l	57.6ug/l	<6	<6	<6
pH	6-9	7.6	7.7	8.1
Naphthalene (dissolved) ug/l	9.6ug/l	0.3	0.022	<0.02
Copper (dissolved) ug/l	40ug/l	55	30	11
Iron (dissolved) ug/l	8000ug/l	<230	<230	<230
Zinc (dissolved) ug/l	320ug/l	56.4	164	48.6
Chromium (dissolved) ug/l	4.8ug/l	<2	<2	<2
Suspended Solids mg/l	200mg/l	68	123	8
Oil and/ or Grease	No visible	No visible	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5	<5	<5

'TSP 2' Results					
Substance/ Parameter	Limit Value	17.01.21	30.06.21	28.10.21	15.12.21
Cadmium (dissolved) ug/l	1.6ug/l	0.41	0.40	1.1	0.03
Nickel (dissolved) ug/l	160ug/l	7	14.1	22.9	14
Lead (dissolved) ug/l	57.6ug/l	<6	<6	<6	<6
pH	6-9	8	7.8	8.1	8.3
Naphthalene (dissolved) ug/l	9.6ug/l	<0.01	<0.028	-	0.081
Copper (dissolved) ug/l	40ug/l	33	27	65	<4
Iron (dissolved) ug/l	8000ug/l	<230	1700	<230	<230

Zinc (dissolved) ug/l	320ug/l	82.2	39.8	128	21.4
Chromium (dissolved) ug/l	4.8ug/l	<2	<2	<2	<2
Suspended Solids mg/l	200mg/l	4	17	24	6
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5	<5	-	<5

'SESP' Results						
Substance/ Parameter	Limit Value	17.01.21	30.06.21	30.09.21	28.10.21	15.12.21
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible	No visible