



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

EPR/CP3795FY_EAWML30312

Environmental Performance Report 2019

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 Q1, Q2 and Q4 for TSP 1, and Q4 for TSP 1 & 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 well below the permit limits.

The Q3 Zinc 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. Interceptor maintenance is being arranged.

The Q3 Zinc and 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 has been undertaken.

Naphthalene and Phenol results were below the laboratory limit of detection.

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	25.09.19
Cadmium (dissolved) ug/l	1.6ug/l	0.2
Nickel (dissolved) ug/l	160ug/l	17.9
Lead (dissolved) ug/l	57.6ug/l	<6
pH	6-9	8
Naphthalene (dissolved) ug/l	9.6ug/l	<0.02
Copper (dissolved) ug/l	40ug/l	12
Iron (dissolved) ug/l	8000ug/l	<230
Zinc (dissolved) ug/l	320ug/l	450
Chromium (dissolved) ug/l	4.8ug/l	<2
Suspended Solids mg/l	200mg/l	2
Oil and/ or Grease	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5

'TSP 2' Results				
Substance/ Parameter	Limit Value	28.03.19	19.06.19	25.09.19
Cadmium (dissolved) ug/l	1.6ug/l	0.19	0.44	1.07
Nickel (dissolved) ug/l	160ug/l	6.2	7.7	87
Lead (dissolved) ug/l	57.6ug/l	<6	<6	13.1
pH	6-9	8	7.2	7.1
Naphthalene (dissolved) ug/l	9.6ug/l	<0.02	<0.02	<0.04
Copper (dissolved) ug/l	40ug/l	6.1	14	147
Iron (dissolved) ug/l	8000ug/l	<230	<230	414

Zinc (dissolved) ug/l	320ug/l	36.4	68.7	461
Chromium (dissolved) ug/l	4.8ug/l	<2	<2	4
Suspended Solids mg/l	200mg/l	15	46	24
Oil and/ or Grease	No visible	No visible	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5	<5	<5
'SESP' Results				
Substance/ Parameter	Limit Value	28.03.19	19.06.19	25.09.19
Oil and/ or Grease	No visible	No visible	No visible	No visible