



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

EPR/CP3795FY_EAWML30312

Environmental Performance Report 2022

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.

Review of data versus permit limits.

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

Cadmium, Nickel, Lead, Iron, Zinc, Chromium, Naphthalene & Phenol results were below the permit limits.

The Q4 Suspended Solids 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 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 is being arranged.

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	30.03.22	28.06.22	30.09.22	23.12.22
Cadmium (dissolved) ug/l	1.6ug/l	0.79	0.03	0.27	0.1
Nickel (dissolved) ug/l	160ug/l	37.7	22.1	7	9.69
Lead (dissolved) ug/l	57.6ug/l	<6	<6	<6	<6
pH	6-9	7.6	7.8	7.5	8.3
Naphthalene (dissolved) ug/l	9.6ug/l	0.102	0.067	0.054	No Result
Copper (dissolved) ug/l	40ug/l	15	<4	37	8.6
Iron (dissolved) ug/l	8000ug/l	<230	<230	<230	<230
Zinc (dissolved) ug/l	320ug/l	57.1	<18	41.3	20.4
Chromium (dissolved) ug/l	4.8ug/l	<2	<2	<2	<2
Suspended Solids mg/l	200mg/l	12	2	4	352
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5	1.96	1.49	10.4

‘TSP 2’ Results					
Substance/ Parameter	Limit Value	30.03.22	28.06.22	30.09.22	22.12.22
Cadmium (dissolved) ug/l	1.6ug/l	0.04	0.11	0.67	0.66
Nickel (dissolved) ug/l	160ug/l	4.37	32	16.2	6.41
Lead (dissolved) ug/l	57.6ug/l	<6	<6	<6	<6
pH	6-9	7.9	7.9	7.7	8.1
Naphthalene (dissolved) ug/l	9.6ug/l	0.012	0.035	<0.010	<0.1
Copper (dissolved) ug/l	40ug/l	<4	12	25	51
Iron (dissolved) ug/l	8000ug/l	<230	<230	496	<230

Zinc (dissolved) ug/l	320ug/l	<18	68.3	84.7	116
Chromium (dissolved) ug/l	4.8ug/l	<2	<2	<2	<2
Suspended Solids mg/l	200mg/l	14	22	17	33
Oil and/ or Grease	No visible	No visible	No visible	No Visible	No Visible
Phenol (dissolved) ug/l	61.6ug/l	<5	2.01	2.14	<10

‘SESP’ Results

Substance/ Parameter	Limit Value	30.03.22	28.06.22	30.09.22	22.12.22	
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible	