



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

EPR/CP3795FY_EAWML30312

Environmental Performance Report 2023

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.

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

The Q1 Copper result for TSP1 and Cadmium result for TSP2 was elevated. An investigation was undertaken to determine the cause. No incidents that could be attributed to the elevated result were identified. Q2 sample results were compliant, as were Q3.

The Q4 Copper results for both TSP1 and TSP2 were slightly elevated. An investigation was undertaken to determine the cause. No incidents that could be attributed to the elevated result were identified. Further samples will be taken.

All samples were visually free from oil and grease.

Routine maintenance of the interceptors was completed.

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	24.03.23	30.06.23	29.09.23	21.12.23
Cadmium (dissolved) ug/l	1.6ug/l	1.29	0.32	0.25	0.47
Nickel (dissolved) ug/l	160ug/l	11	<10	12	8.6
Lead (dissolved) ug/l	57.6ug/l	0.46	<3	1.6	<30
pH	6-9	8.1	7.8	8.1	7.5
Naphthalene (dissolved) ug/l	9.6ug/l	<0.01	<0.010	<0.010	0.012
Copper (dissolved) ug/l	40ug/l	161	<40	16	44
Iron (dissolved) ug/l	8000ug/l	50	<200	81	21
Zinc (dissolved) ug/l	320ug/l	78	<50	79	106
Chromium (dissolved) ug/l	4.8ug/l	0.6	<0.0020	<0.0002	0.0008
Suspended Solids mg/l	200mg/l	6	29	8	26
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5	8.27	3.3	<5

'TSP 2' Results					
Substance/ Parameter	Limit Value	24.03.23	30.06.23	29.09.23	21.12.23
Cadmium (dissolved) ug/l	1.6ug/l	2.29	0.23	0.21	0.51
Nickel (dissolved) ug/l	160ug/l	13	<10.0	12	8.7
Lead (dissolved) ug/l	57.6ug/l	1.9	<3.0	1.7	0.33
pH	6-9	8.2	7.3	8.1	7.7
Naphthalene (dissolved) ug/l	9.6ug/l	<0.01	<0.010	<0.010	0.013
Copper (dissolved) ug/l	40ug/l	29	<40	16	52
Iron (dissolved) ug/l	8000ug/l	50	<200	68	28

Zinc (dissolved) ug/l	320ug/l	191	<50	82	107
Chromium (dissolved) ug/l	4.8ug/l	0.6	<0.0020	0.0003	0.0008
Suspended Solids mg/l	200mg/l	2	29	4	16
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible
Phenol (dissolved) ug/l	61.6ug/l	<5	<5	2.96	<5

'SESP' Results					
Substance/ Parameter	Limit Value	24.03.23	30.06.23	29.09.23	21.12.23
Oil and/ or Grease	No visible	No visible	No visible	No visible	No visible