

Permit Number: CP3795FY

Operator: Sims Group UK Limited

Facility: Sims Group UK Limited

Form Number: Water1

Reporting of emissions to water (other than to sewer) and land for the period from 01/10/2022 to 31/12/2022

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Emission Point reference 12 stated in Schedule 3, Table S3.3 (sample taken from TSP2 – Shredder Sample Point)	Cadmium	1.6ug/l (for TRAC/Coastal waters) (dissolved)	Quarterly	0.66ug/l	ICP-MS	22/12/2022	7.83%
	Nickel	160ug/l (for TRAC/Coastal Waters) (dissolved)		6.41ug/l	Nitric digest/ICP	22/12/2022	8.82%
	Lead	57.6ug/l (for TRAC/Coastal Wasters) (dissolved)		<6ug/l	Nitric digest/ICP	22/12/2022	9.44%
	pH	6-9 (less than 6 or greater than 9) (measured in pH units)		8.1 pH Units	Electrode	22/12/2022	1.39 – 2.85%
	Naphthalene	9.6ug/l (for TRAC/Coastal waters) (dissolved)		<0.100ug/l	GC	22/12/2022	-

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Copper	40ug/l (for TRAC/Coastal Waters) (dissolved)	Quarterly	51ug/l	ICP-MS	22/12/2022	8.2%
	Iron	8000ug/l (for TRAC/Coastal waters) (dissolved)		<230ug/l	Nitric digest/ICP	22/12/2022	4.8%
	Zinc	320ug/l (for TRAC/Coastal waters) (dissolved)		116ug/l	Nitric digest/ICP	22/12/2022	8.5 – 9.4%
	Chromium	4.8ug/l (for TRAC/Coastal waters) (dissolved)		<0.002mg/l	ICP-MS	22/12/2022	8.8%
	Suspended Solids	200mg/l (measured after drying at 105 °C)		33mg/l	Gravimetric	22/12/2022	19.7 – 37.2%
	Oil and/or Grease	No visible Oil and/or Grease		No visible	Visual	22/12/2022	-
	Phenol	61.6ug/l (for TRAC/Coastal waters) (dissolved)		<10ug/l	Phenol HPLC	22/12/2022	-

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Emission Point reference stated in Schedule 3, Table S3.3 - secondary treated sewage effluent - sample point 9 SESP "Bio disc" on site map in Schedule 7	Total daily volume of discharge	3.6 cubic metres per Day	Quarterly	Maximum 3.6 cubic metres per day	Maximum discharge specification	22/12/2022	-
	Oil and/or Grease	No visible Oil and/or Grease		No visible oil and/ or grease	Visual	22/12/2022	-

NB – Uncertainty of measurements stated as per laboratory analytical method statements

- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ... *M Crossman*
(Authorised to sign as representative of Operator)

Date: 16/01/2023