**From:** Georgina Sidney [mailto:Georgina.Sidney@simsmm.com]
**Sent:** 25 October 2017 08:44
**To:** Parr, Elizabeth <Elizabeth.Parr@cyfoethnaturiolcymru.gov.uk>; Jowett, John <John.Jowett@cyfoethnaturiolcymru.gov.uk>
**Cc:** Dominic Williams <Dominic.Williams@simsmm.com>; Stephen Luckett <stephen.luckett@simsmm.com>; Anthony Hiles <tony.hiles@simsmm.com>
**Subject:** Sims Group UK Limited_Newport_EPR/CP3795FY – Water1 form - Q3 Jul-Sep 2017

Hello Elizabeth and John,

Please find attached results for the sample taken on the 6th July 2017 at Sims Group UK Limited, Newport EPR/CP3795FY.

Unfortunately a sample could not be taken from TSP 1 due to lack of flow.

Please do not hesitate to contact me or Dominic should you have any queries.

Kind Regards

**Georgina Sidney**
SHEC Systems Controller and Environment Advisor
Sims Metal Management

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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** 01/07/2017 **to** 30/09/2017

| 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 | 0.13ug/l | ICP-MS | 06/07/17 11:00 | 7.83% |
| | Nickel | 160ug/l (for TRAC/Coastal Waters) (dissolved) | | 7.9ug/l | Nitric digest/ICP | 06/07/17 11:00 | 8.82% |
| | Lead | 57.6ug/l (for TRAC/Coastal Wasters) (dissolved) | | <6ug/l | Nitric digest/ICP | 06/07/17 11:00 | 9.44% |
| | pH | 6-9 ( less than 6 or greater than 9) (measured in pH units) | | 8 | Electrode | 06/07/17 11:00 | 1.39 – 2.85% |
| | Naphthalene | 9.6ug/l (for TRAC/Coastal waters) (dissolved) | | <0.02ug/l | GC | 06/07/17 11:00 | - |

| 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 | 5.6ug/l | ICP-MS | 06/07/17 11:00 | 8.2% |
| | Iron | 8000ug/l (for TRAC/Coastal waters) (dissolved) | | <230ug/l | Nitric digest/ICP | 06/07/17 11:00 | 4.8% |
| | Zinc | 320ug/l (for TRAC/Coastal waters) (dissolved) | | 35.3ug/l | Nitric digest/ICP | 06/07/17 11:00 | 8.5 – 9.4% |
| | Chromium | 4.8ug/l(for TRAC/Coastal waters) (dissolved) | | <2ug/l | ICP-MS | 06/07/17 11:00 | 8.8% |
| | Suspended Solids | 200mg/l (measured after drying at 105 °C) | | 20mg/l | Gravimetric | 06/07/17 11:00 | 19.7 – 37.2% |
| | Oil and/or Grease | No visible Oil and/or Grease | | No visible oil and/or grease | Visual | 06/07/17 11:00 | - |
| | Phenol | 61.6ug/l (for TRAC/Coastal waters) (dissolved) | | <0.1ug/l | Phenol HPLC | 06/07/17 11:00 | - |

| Emission Point | Substance / Parameter | Emission Limit Value | Reference Period | Result [1] | Test Method [2] | Sample Date and Times [3] | Uncertainty [4] |
|---|---|---|---|---|---|---|---|
| | | | Quarterly | | | | |
| 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 | | Maximum 3.6 cubic metres per day | Maximum discharge specification | - | - |
| | Oil and/or Grease | No visible Oil and/or Grease | | No visible oil and/ or grease | Visual | 06/07/17 11:00 | - |

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 ...G Sidney

Date: 24/10/2017

(Authorised to sign as representative of Operator)