

Permit Reference Number: EPR/NP3030BJ

Operator: EnerSys Ltd

Facility: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: 01/04/2022 – 30/06/2022

Emission Point	Substance / Parameter	Emission Limit Values [6]		Quarter Result [7]	Test Method [2]	Sample Date and Times [3]	Uncertainty [5]
A1	Lead	1.0 mg/m³	Spot Sample	0.11	N/A	Not running due to production demand	N/A
Mill 1					BS EN 14385:2004	04/05/2022	<0.01
					BS EN 14385:2004	07/06/2022	<0.01
A2	Lead	1.0 mg/m³		0.03	BS EN 14385:2004	05/04/2022	<0.01
Mill 2					BS EN 14385:2004	04/05/2022	<0.01
					BS EN 14385:2004	07/06/2022	<0.01
A3	Lead	1.0 mg/m³		0.02	BS EN 14385:2004	05/04/2022	<0.01
Mill 3					BS EN 14385:2004	03/05/2022	<0.01
					BS EN 14385:2004	06/06/2022	<0.01
A63	Lead	1.0 mg/m³		0.05	BS EN 14385:2004	05/04/2022	<0.01
Mill 4					BS EN 14385:2004	03/05/2022	<0.01
					BS EN 14385:2004	06/06/2022	<0.01

Emission Point	Substance / Parameter	Emission Limit Values ^[6]	Reference Period	Quarter Result ^[7]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[5]
A4	Lead	0.75 mg/m ³	Spot Sample	0.39	BS EN 14385:2004	05/05/2022	±0.01
A6	Lead	1.0 mg/m ³		0.21	BS EN 14385:2004	03/05/2022	±0.01
A8	Lead	1.0 mg/m ³		0.04	BS EN 14385:2004	04/05/2022	<0.01
A9	Lead	0.75 mg/m ³		0.05	BS EN 14385:2004	06/05/2022	<0.01
A10	Lead	1.0 mg/m ³		0.05	BS EN 14385:2004	06/05/2022	<0.01
A11	Lead	1.0 mg/m ³		0.03	BS EN 14385:2004	05/05/2022	<0.01
A12	Lead	0.75 mg/m ³		0.02	BS EN 14385:2004	19/05/2022	<0.01
A13	Lead	1.0 mg/m ³		0.01	BS EN 14385:2004	06/05/2022	<0.01

- [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 Natural Resources Wales 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: *Joe Davies* Date: ...20.07.2022.....
 (authorised to sign as representative of the Operator)

Facility: Enersys Newport

Form Number: W1

Reporting of Emissions to Water (other than to Sewer) for the period from: 01/04/2022 – 30/06/2022

Emissions to Water							
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
W1	Lead and its compounds	2.0mg/l ^[6]	0.859	ISO/IEC 17025:2005	06/04/2022 13/04/2022 20/04/2022 27/04/2022 04/05/2022 11/05/2022 18/05/2022 25/05/2022 01/06/2022 08/06/2022 15/06/2022 22/06/2022 29/06/2022	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	
W1	Flow	Not applicable					
Operators comments:							

- [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 Natural Resources Wales 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 accreditation status of the equipment and/or monitoring organisation, as appropriate, for the methods used for both sampling and analysis
- [5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.
- [6] The emission limit value is expressed as a maximum individual value and corrected to 273K, 101.3kPa.

Signed: *Joe Davies* Date: ...20.07.2022.....
(authorised to sign as representative of the Operator)

Permit Reference Number: ERP/NP3030BJ

Operator: Enersys Ltd

Facility: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: 01/04/2022 – 30/06/2022

Emissions to Sewer							
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
S1	Lead and its compounds.	2mg/l ^[6]	0.544 mg/l	ISO/IEC 17025:2005	06/04/2022 13/04/2022 20/04/2022 27/04/2022 04/05/2022 11/05/2022 18/05/2022 25/05/2022 01/06/2022 08/06/2022 15/06/2022 22/06/2022 29/06/2022	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	pH	6-11 ^[7]	Min – 7.1 Max - 9.3	ISO/IEC 17025:2005	06/04/2022 13/04/2022 20/04/2022 27/04/2022 04/05/2022 11/05/2022 18/05/2022 25/05/2022 01/06/2022 08/06/2022 15/06/2022 22/06/2022 29/06/2022	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Sulphates	<800mg/l (not applicable)	367 mg/l	ISO/IEC 17025:2005	06/04/2022 13/04/2022 20/04/2022 27/04/2022 04/05/2022 11/05/2022 18/05/2022	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A

12/10/2022

					25/05/2022 01/06/2022 08/06/2022 15/06/2022 22/06/2022 29/06/2022		
S1	Suspended solids	<1000mg/l (not applicable)	299 mg/l	ISO/IEC 17025:2005	06/04/2022 13/04/2022 20/04/2022 27/04/2022 04/05/2022 11/05/2022 18/05/2022 25/05/2022 01/06/2022 08/06/2022 15/06/2022 22/06/2022 29/06/2022	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Flow	150,000l/day x 91 days = 13,650,000	882,979 LITRES OVER THE QUARTER		01/04/2022 30/06/2022		

- [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 Natural Resources Wales 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 accreditation status of the equipment and/or monitoring organisation, as appropriate, for the methods used for both sampling and analysis
- [5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.
- [6] The emission limit value is expressed as a maximum individual value and corrected to 273K, 101.3kPa.
- [7] The emission limit values for pH are expressed as a maximum and minimum

Signed: *Joe Davies* Date: ...20.07.2022.....
(authorised to sign as representative of the Operator)