Permit Reference Number: NP3030BJ **Operator:** EnerSys Ltd

Installation: EnerSys Newport **Form Number:** A1

Reporting of Emissions to Air for the period from: 1st Jan 2018 to 31st Mar 2018

Emission Point	Substance / Parameter	Spot Limit Values [6]	Spot Result[1]	Process run time	Quarter Result [7]	Test Method [2]	Sample Date and Times [3]	Accreditation /Certification [4]	Uncertainty [5]
A1	Lead	1.0 mg/m^3				BS EN 14385:2004	N/A	MCERTS UKAS 0934	N/A
Mill 1						BS EN 14385:2004	N/A	MCERTS UKAS 0934	N/A
						BS EN 14385:2004	N/A	MCERTS UKAS 0934	N/A
A2	Lead	1.0 mg/m^3	0.01	641	0.027	BS EN 14385:2004	10/01/2018 10:57 – 11:57	MCERTS UKAS 0934	<0.01
Mill 2			0.01	473		BS EN 14385:2004	01/02/2018 14:24 – 15:24	MCERTS UKAS 0934	<0.01
			0.08	660		BS EN 14385:2004	23/03/2018 11:12-12:12	MCERTS UKAS 0934	<0.01
A3	Lead	1.0 mg/m^3	0.07	741	0.057	BS EN 14385:2004	10/01/2018 12:30 – 13:30	MCERTS UKAS 0934	<0.01
Mill 3			0.05	437		BS EN 14385:2004	01/02/2018 12:15 – 13:15	MCERTS UKAS 0934	<0.01
			0.08	673		BS EN 14385:2004	15/03/2018 11:05 – 12:05	MCERTS UKAS 0934	<0.01
A63	Lead	1.0 mg/m^3	0.02	724	0.024	BS EN 14385:2004	10/01/2018 14:27 – 15:31	MCERTS UKAS 0934	<0.01
Mill4			0.01	532		BS EN 14385:2004	01/02/2018 10:46 – 11:50	MCERTS UKAS 0934	<0.01
			0.05	726		BS EN 14385:2004	15/03/2018 12:40 – 13:40	MCERTS UKAS 0934	<0.01

Emission Point	Substance / Parameter	Spot Limit Values [6]	Spot Result[1]	Process run time	Quarter Result [7]	Test Method [2]	Sample Date and Times [3]	Accreditation /Certification [4]	Uncertainty [5]
A4	Lead	0.75 mg/m^3	0.07	1090	0.035	BS EN 14385:2004	11/01/2018 11:20 – 12:02	MCERTS UKAS 0934	<0.01
A6	Lead	1.0 mg/m^3	0.13	1743	0.105	BS EN 14385:2004	09/01/2018 11:01 – 11:33	MCERTS UKAS 0934	<0.01
A8	Lead	1.0 mg/m^3	0.11	2097	0.107	BS EN 14385:2004	11/01/2018 13:00 – 13:32	MCERTS UKAS 0934	<0.01
A9	Lead	0.75 mg/m^3	0.01	2155	0.010	BS EN 14385:2004	08/01/2018 10:58 – 11:34	MCERTS UKAS 0934	<0.01
A10	Lead	1.0 mg/m^3	0.01	2149	0.010	BS EN 14385:2004	08/01/2018 14:05 – 14:35	MCERTS UKAS 0934	<0.01
A11	Lead	1.0 mg/m^3	0.10	2088	0.097	BS EN 14385:2004	09/01/2018 12:15 – 12:57	MCERTS UKAS 4279	<0.01
A12	Lead	0.75 mg/m^3	0.04	2128	0.036	BS EN 14385:2004	09/01/2018 14:07 – 14:43	MCERTS UKAS 0934	<0.01
A13	Lead	1.0 mg/m^3	0.02	2143	0.020	BS EN 14385:2004	08/01/2018 12:05 – 12:45	MCERTS UKAS 0934	<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 the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. 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 the 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. The following uncertainties are quoted on a different basis (basis as stated) – {The basis of any other uncertainty figure needs to be stated. Where no figure is available the Agency will need to agree an appropriate uncertainty value.}
[6] The emission limit value is expressed as a maximum individual value and corrected to 273K, 101.3kPa.
[7] To be calculated pro rata according to run time.

Signed …… Paula S. Tennett .....(authorised to sign as representative of the Operator)… Date…26/04/2018..

Permit Reference Number: NP3030BJ **Operator:** Enersys Ltd

Installation: Enersys Newport **Form Number:** W1

Reporting of Emissions to Water (other than to Sewer) for the period from:

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]	*0.24* *0.19* *0.35* *0.08* *0.42* *0.38* *0.60* *0.25* *0.28* *0.37* *0.20* *0.16* *0.07*	*ISO/IEC 17025:2005*	*03/01/2018* *10/01/2018* *17/01/2018* *31/01/2018* *07/02/2018* *14/02/2018* *21/02/2018* *28/02/2018* *07/03/2018* *14/03/2018* *21/03/2018* *28/03/2018* *04/04/2018*	*ALS ENVIRONMENTAL LTD UKAS 1314*	
W1	Flow	Not applicable					

[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. Where the emission limit value is an annual mean, the result is given as the average measured value.
[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 Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.
[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.
[4] The accreditation status of the equipment and/or the 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 values are expressed as a maximum individual value. Limit only applies from 1 July 2006.

Signed …… Paula S. Tewett …… Date……26/04/2018..
(authorised to sign as representative of the Operator)

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from:

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]	*1.902* *0.192* *0.784* *0.977* *0.361* *0.425* *0.414* *0.248* *0.091* *0.129* *0.402* *0.195* *0.195*	*ISO/IEC 17025:2005*	03/01/2018 10/01/2018 17/01/2018 24/01/2018 31/01/2018 07/02/2018 14/02/2018 21/02/2018 28/02/2018 07/03/2018 14/03/2018 21/03/2018 28/03/2018	*ALS ENVIRONMENTAL LTD UKAS 1314*	N/A
S1	pH	6-11 [7]	*9.2* *8.4* *7.6* *10.3* *8.6* *7.9* *7.6* *7.7* *8.9* *8.8* *8.6* *8.8* *7.6*	*ISO/IEC 17025:2005*	03/01/2018 10/01/2018 17/01/2018 24/01/2018 31/01/2018 07/02/2018 14/02/2018 21/02/2018 28/02/2018 07/03/2018 14/03/2018 21/03/2018 28/03/2018	*ALS ENVIRONMENTAL LTD UKAS 1314*	N/A
S1	Sulphates	Not applicable	*205* *178* *250* *285* *301* *279* *304*	*ISO/IEC 17025:2005*	03/01/2018 10/01/2018 17/01/2018 24/01/2018 31/01/2018 07/02/2018 14/02/2018	*ALS ENVIRONMENTAL LTD UKAS 1314*	N/A

			188 *298* *177* *373* *355* *342*		21/02/2018 28/02/2018 07/03/2018 14/03/2018 21/03/2018 28/03/2018		
S1	Suspended solids	Not applicable	4 5 7 20 17 15 21 39 30 21 11 6 11	*ISO/IEC 17025:2005*	03/01/2018 10/01/2018 17/01/2018 24/01/2018 31/01/2018 07/02/2018 14/02/2018 21/02/2018 28/02/2018 07/03/2018 14/03/2018 21/03/2018 28/03/2018	*ALS ENVIRONMENTAL LTD UKAS 1314*	N/A
S1	Flow	150,000l/day * 90days =13,500,000 litres	*1,207,865* LITRES OVER THE QUARTER				

[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. Where the emission limit value is an annual mean, the result is given as the average measured value.
[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 Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.
[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.
[4] The accreditation status of the equipment and/or the 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 values are expressed as a maximum individual value.
[7] The emission limit values for pH are expressed as minimum and maximum individual values.

Signed …… Paula S. Tewett ……. Date…26/04/2018..
(authorised to sign as representative of the Operator)