Permit Number: JP3239ST Operator: The County council of the City and County of Cardiff

Installation: Lamby Way Landfill Site Form Number: ……

Reporting of ……LEACHATE…… monitoring for the period for June 2022

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL1	Am Nitrogen	1370	Jun-22	No sample	INORG-L12	23rd Jun 22	12.69
SL1	Cadmium	0.1	Jun-22	No sample	1450	23rd Jun 22	3.93
SL1	Nickel	0.1	Jun-22	No sample	METALS-L	23rd Jun 22	5.23
SL1	Chloride	13713	Jun-22	No sample	INORG-L13	23rd Jun 22	6.71
SL1	MP Xylene	0.029	Jun-22	No sample	ORG-L05	23rd Jun 22	7.66
SL1	Mecoprop	0.032	Jun-22	No sample	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL2	Am Nitrogen	1370	Jun-22	No sample	INORG-L12	23rd Jun 22	12.69
SL2	Cadmium	0.1	Jun-22	No sample	1450	23rd Jun 22	3.93
SL2	Nickel	0.1	Jun-22	No sample	METALS-L	23rd Jun 22	5.23
SL2	Chloride	13713	Jun-22	No sample	INORG-L13	23rd Jun 22	6.71
SL2	MP Xylene	0.029	Jun-22	No sample	ORG-L05	23rd Jun 22	7.66
SL2	Mecoprop	0.032	Jun-22	No sample	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL3	Am Nitrogen	1370	Jun-22	No sample	INORG-L12	23rd Jun 22	12.69
SL3	Cadmium	0.1	Jun-22	No sample	1450	23rd Jun 22	3.93
SL3	Nickel	0.1	Jun-22	No sample	METALS-L	23rd Jun 22	5.23
SL3	Chloride	13713	Jun-22	No sample	INORG-L13	23rd Jun 22	6.71
SL3	MP Xylene	0.029	Jun-22	No sample	ORG-L05	23rd Jun 22	7.66
SL3	Mecoprop	0.032	Jun-22	No sample	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL4	Am Nitrogen	1370	Jun-22	220	INORG-L12	23rd Jun 22	12.69
SL4	Cadmium	0.1	Jun-22	<0.11	1450	23rd Jun 22	3.93
SL4	Nickel	0.1	Jun-22	9.3	METALS-L	23rd Jun 22	5.23
SL4	Chloride	13713	Jun-22	352	INORG-L13	23rd Jun 22	6.71
SL4	MP Xylene	0.029	Jun-22	<1.0	ORG-L05	23rd Jun 22	7.66
SL4	Mecoprop	0.032	Jun-22	12.3	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL5	Am Nitrogen	1370	Jun-22	170	INORG-L12	23rd Jun 22	12.69
SL5	Cadmium	0.1	Jun-22	<0.11	1450	23rd Jun 22	3.93
SL5	Nickel	0.1	Jun-22	18.6	METALS-L	23rd Jun 22	5.23
SL5	Chloride	13713	Jun-22	742	INORG-L13	23rd Jun 22	6.71
SL5	MP Xylene	0.029	Jun-22	<1.0	ORG-L05	23rd Jun 22	7.66
SL5	Mecoprop	0.032	Jun-22	11.4	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL6	Am Nitrogen	1370	Jun-22	296	INORG-L12	23rd Jun 22	12.69
SL6	Cadmium	0.1	Jun-22	<0.11	1450	23rd Jun 22	3.93
SL6	Nickel	0.1	Jun-22	19.0	METALS-L	23rd Jun 22	5.23
SL6	Chloride	13713	Jun-22	381	INORG-L13	23rd Jun 22	6.71
SL6	MP Xylene	0.029	Jun-22	<1.0	ORG-L05	23rd Jun 22	7.66
SL6	Mecoprop	0.032	Jun-22	22.0	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL7	Am Nitrogen	1370	Jun-22	785	INORG-L12	23rd Jun 22	12.69
SL7	Cadmium	0.1	Jun-22	<0.11	1450	23rd Jun 22	3.93
SL7	Nickel	0.1	Jun-22	24.1	METALS-L	23rd Jun 22	5.23
SL7	Chloride	13713	Jun-22	2580	INORG-L13	23rd Jun 22	6.71
SL7	MP Xylene	0.029	Jun-22	<1.0	ORG-L05	23rd Jun 22	7.66
SL7	Mecoprop	0.032	Jun-22	6.6	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL8	Am Nitrogen	1370	Jun-22	0.03	INORG-L12	23rd Jun 22	12.69
SL8	Cadmium	0.1	Jun-22	<0.11	1450	23rd Jun 22	3.93
SL8	Nickel	0.1	Jun-22	34.8	METALS-L	23rd Jun 22	5.23
SL8	Chloride	13713	Jun-22	658	INORG-L13	23rd Jun 22	6.71
SL8	MP Xylene	0.029	Jun-22	<1.0	ORG-L05	23rd Jun 22	7.66
SL8	Mecoprop	0.032	Jun-22	12.9	ORG-L17	23rd Jun 22	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL9	Am Nitrogen	1370	Jun-22	<0.01	INORG-L12	23rd Jun 22	12.69
SL8	Cadmium	0.1	Jun-22	<0.11	1450	23rd Jun 22	3.93
SL9	Nickel	0.1	Jun-22	178	METALS-L	23rd Jun 22	5.23
SL9	Chloride	13713	Jun-22	1750	INORG-L13	23rd Jun 22	6.71
SL9	MP Xylene	0.029	Jun-22	<1.0	ORG-L05	23rd Jun 22	7.66
SL9	Mecoprop	0.032	Jun-22	6.2	ORG-L17	23rd Jun 22	8.27

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 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.

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.

The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed …… …… Date……29th July 2022

(Authorised to sign as representative of Operator)