

Permit Number: JP3239ST

Operator: The County council of the City and County of Cardiff

Installation: Lamby Way Landfill Site

Form Number:

Reporting ofLEACHATE..... monitoring for the period for October 2022

Monitoring Point	Substance/Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL1	Am Nitrogen	1370	Oct-22	No sample	INORG-L12	06th Oct 22	12.69
SL1	Cadmium	0.1	Oct-22	No sample	1450	06th Oct 22	3.93
SL1	Nickel	0.1	Oct-22	No sample	METALS-L	06th Oct 22	5.23
SL1	Chloride	13713	Oct-22	No sample	INORG-L13	06th Oct 22	6.71
SL1	MP Xylene	0.029	Oct-22	No sample	ORG-L05	06th Oct 22	7.66
SL1	Mecoprop	0.032	Oct-22	No sample	ORG-L17	06th Oct 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	Oct-22	No sample	INORG-L12	06th Oct 22	12.69
SL2	Cadmium	0.1	Oct-22	No sample	1450	06th Oct 22	3.93
SL2	Nickel	0.1	Oct-22	No sample	METALS-L	06th Oct 22	5.23
SL2	Chloride	13713	Oct-22	No sample	INORG-L13	06th Oct 22	6.71
SL2	MP Xylene	0.029	Oct-22	No sample	ORG-L05	06th Oct 22	7.66
SL2	Mecoprop	0.032	Oct-22	No sample	ORG-L17	06th Oct 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	Oct-22	No sample	INORG-L12	06th Oct 22	12.69
SL3	Cadmium	0.1	Oct-22	No sample	1450	06th Oct 22	3.93
SL3	Nickel	0.1	Oct-22	No sample	METALS-L	06th Oct 22	5.23
SL3	Chloride	13713	Oct-22	No sample	INORG-L13	06th Oct 22	6.71
SL3	MP Xylene	0.029	Oct-22	No sample	ORG-L05	06th Oct 22	7.66
SL3	Mecoprop	0.032	Oct-22	No sample	ORG-L17	06th Oct 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	Oct-22	288	INORG-L12	06th Oct 22	12.69
SL4	Cadmium	0.1	Oct-22	<0.11	1450	06th Oct 22	3.93
SL4	Nickel	0.1	Oct-22	8.7	METALS-L	06th Oct 22	5.23
SL4	Chloride	13713	Oct-22	490	INORG-L13	06th Oct 22	6.71
SL4	MP Xylene	0.029	Oct-22	<1.0	ORG-L05	06th Oct 22	7.66
SL4	Mecoprop	0.032	Oct-22	<0.1	ORG-L17	06th Oct 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	Oct-22	262	INORG-L12	06th Oct 22	12.69
SL5	Cadmium	0.1	Oct-22	<0.11	1450	06th Oct 22	3.93
SL5	Nickel	0.1	Oct-22	12.5	METALS-L	06th Oct 22	5.23
SL5	Chloride	13713	Oct-22	845	INORG-L13	06th Oct 22	6.71
SL5	MP Xylene	0.029	Oct-22	<1.0	ORG-L05	06th Oct 22	7.66
SL5	Mecoprop	0.032	Oct-22	5.0	ORG-L17	06th Oct 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	Oct-22	295	INORG-L12	06th Oct 22	12.69
SL6	Cadmium	0.1	Oct-22	<0.11	1450	06th Oct 22	3.93
SL6	Nickel	0.1	Oct-22	21.2	METALS-L	06th Oct 22	5.23
SL6	Chloride	13713	Oct-22	383	INORG-L13	06th Oct 22	6.71
SL6	MP Xylene	0.029	Oct-22	<1.0	ORG-L05	06th Oct 22	7.66
SL6	Mecoprop	0.032	Oct-22	<0.1	ORG-L17	06th Oct 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	Oct-22	100	INORG-L12	06th Oct 22	12.69
SL7	Cadmium	0.1	Oct-22	<0.11	1450	06th Oct 22	3.93
SL7	Nickel	0.1	Oct-22	17.9	METALS-L	06th Oct 22	5.23
SL7	Chloride	13713	Oct-22	2500	INORG-L13	06th Oct 22	6.71
SL7	MP Xylene	0.029	Oct-22	<1.0	ORG-L05	06th Oct 22	7.66
SL7	Mecoprop	0.032	Oct-22	<0.1	ORG-L17	06th Oct 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	Oct-22	100	INORG-L12	06th Oct 22	12.69
SL8	Cadmium	0.1	Oct-22	<0.11	1450	06th Oct 22	3.93
SL8	Nickel	0.1	Oct-22	46.5	METALS-L	06th Oct 22	5.23
SL8	Chloride	13713	Oct-22	851	INORG-L13	06th Oct 22	6.71
SL8	MP Xylene	0.029	Oct-22	<1.0	ORG-L05	06th Oct 22	7.66
SL8	Mecoprop	0.032	Oct-22	<0.1	ORG-L17	06th Oct 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	Oct-22	1600	INORG-L12	06th Oct 22	12.69
SL8	Cadmium	0.1	Oct-22	<0.11	1450	06th Oct 22	3.93
SL9	Nickel	0.1	Oct-22	108	METALS-L	06th Oct 22	5.23
SL9	Chloride	13713	Oct-22	1700	INORG-L13	06th Oct 22	6.71
SL9	MP Xylene	0.029	Oct-22	<1.0	ORG-L05	06th Oct 22	7.66
SL9	Mecoprop	0.032	Oct-22	<0.1	ORG-L17	06th Oct 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...31st January 2023

(Authorised to sign as representative of Operator)