

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 July 2022

Monitoring Point	Substance/Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
SL1	Am Nitrogen	1370	Aug-22	No sample	INORG-L12	10 th August 22	12.69
SL1	Cadmium	0.1	Aug-22	No sample	1450	10 th August 22	3.93
SL1	Nickel	0.1	Aug-22	No sample	METALS-L	10 th August 22	5.23
SL1	Chloride	13713	Aug-22	No sample	INORG-L13	10 th August 22	6.71
SL1	MP Xylene	0.029	Aug-22	No sample	ORG-L05	10 th August 22	7.66
SL1	Mecoprop	0.032	Aug-22	No sample	ORG-L17	10 th August 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	Aug-22	No sample	INORG-L12	10 th August 22	12.69
SL2	Cadmium	0.1	Aug-22	No sample	1450	10 th August 22	3.93
SL2	Nickel	0.1	Aug-22	No sample	METALS-L	10 th August 22	5.23
SL2	Chloride	13713	Aug-22	No sample	INORG-L13	10 th August 22	6.71
SL2	MP Xylene	0.029	Aug-22	No sample	ORG-L05	10 th August 22	7.66
SL2	Mecoprop	0.032	Aug-22	No sample	ORG-L17	10 th August 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	Aug-22	No sample	INORG-L12	10 th August 22	12.69
SL3	Cadmium	0.1	Aug-22	No sample	1450	10 th August 22	3.93
SL3	Nickel	0.1	Aug-22	No sample	METALS-L	10 th August 22	5.23
SL3	Chloride	13713	Aug-22	No sample	INORG-L13	10 th August 22	6.71
SL3	MP Xylene	0.029	Aug-22	No sample	ORG-L05	10 th August 22	7.66
SL3	Mecoprop	0.032	Aug-22	No sample	ORG-L17	10 th August 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	Aug-22	246	INORG-L12	10 th August 22	12.69
SL4	Cadmium	0.1	Aug-22	<0.11	1450	10 th August 22	3.93
SL4	Nickel	0.1	Aug-22	9.8	METALS-L	10 th August 22	5.23
SL4	Chloride	13713	Aug-22	1710	INORG-L13	10 th August 22	6.71
SL4	MP Xylene	0.029	Aug-22	<1.0	ORG-L05	10 th August 22	7.66
SL4	Mecoprop	0.032	Aug-22	481	ORG-L17	10 th August 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	Aug-22	245	INORG-L12	10 th August 22	12.69
SL5	Cadmium	0.1	Aug-22	<0.11	1450	10 th August 22	3.93
SL5	Nickel	0.1	Aug-22	12.8	METALS-L	10 th August 22	5.23
SL5	Chloride	13713	Aug-22	942	INORG-L13	10 th August 22	6.71
SL5	MP Xylene	0.029	Aug-22	122	ORG-L05	10 th August 22	7.66
SL5	Mecoprop	0.032	Aug-22	<1.0	ORG-L17	10 th August 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	Aug-22	306	INORG-L12	10 th August 22	12.69
SL6	Cadmium	0.1	Aug-22	<0.11	1450	10 th August 22	3.93
SL6	Nickel	0.1	Aug-22	22.3	METALS-L	10 th August 22	5.23
SL6	Chloride	13713	Aug-22	488	INORG-L13	10 th August 22	6.71
SL6	MP Xylene	0.029	Aug-22	171	ORG-L05	10 th August 22	7.66
SL6	Mecoprop	0.032	Aug-22	<1.0	ORG-L17	10 th August 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	Aug-22	669	INORG-L12	10 th August 22	12.69
SL7	Cadmium	0.1	Aug-22	<0.11	1450	10 th August 22	3.93
SL7	Nickel	0.1	Aug-22	17.4	METALS-L	10 th August 22	5.23
SL7	Chloride	13713	Aug-22	2480	INORG-L13	10 th August 22	6.71
SL7	MP Xylene	0.029	Aug-22	<1.0	ORG-L05	10 th August 22	7.66
SL7	Mecoprop	0.032	Aug-22	131	ORG-L17	10 th August 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	Aug-22	628	INORG-L12	10 th August 22	12.69
SL8	Cadmium	0.1	Aug-22	<0.11	1450	10 th August 22	3.93
SL8	Nickel	0.1	Aug-22	36.7	METALS-L	10 th August 22	5.23
SL8	Chloride	13713	Aug-22	691	INORG-L13	10 th August 22	6.71
SL8	MP Xylene	0.029	Aug-22	<1.0	ORG-L05	10 th August 22	7.66
SL8	Mecoprop	0.032	Aug-22	234	ORG-L17	10 th August 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	Aug-22	1190	INORG-L12	10 th August 22	12.69
SL8	Cadmium	0.1	Aug-22	<0.11	1450	10 th August 22	3.93
SL9	Nickel	0.1	Aug-22	114	METALS-L	10 th August 22	5.23
SL9	Chloride	13713	Aug-22	1700	INORG-L13	10 th August 22	6.71
SL9	MP Xylene	0.029	Aug-22	<1.0	ORG-L05	10 th August 22	7.66
SL9	Mecoprop	0.032	Aug-22	80.1	ORG-L17	10 th August 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 October 2022
(Authorised to sign as representative of Operator)