

Permit Number: JP3239ST

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

Installation: Lamby Way Landfill Site

Form Number:

Reporting ofGround Water..... monitoring for the period for ... September 2022

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C1	Am Nitrogen	TBA	Sep - 22	1.0	INORG-L12	07 th September 2022	12.69
C1	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C1	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C1	Chloride	TBA	Sep - 22	358	INORG-L13	07 th September 2022	6.71
C1	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C1	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C2	Am Nitrogen	TBA	Sep - 22	<0.01	INORG-L12	07 th September 2022	12.69
C2	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C2	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C2	Chloride	TBA	Sep - 22	24.2	INORG-L13	07 th September 2022	6.71
C2	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C2	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C3	Am Nitrogen	TBA	Sep - 22	2.8	INORG-L12	07 th September 2022	12.69
C3	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C3	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C3	Chloride	TBA	Sep - 22	108	INORG-L13	07 th September 2022	6.71
C3	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C3	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C4	Am Nitrogen	TBA	Sep - 22	DNR	INORG-L12	07 th September 2022	12.69
C4	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C4	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C4	Chloride	TBA	Sep - 22	DNR	INORG-L13	07 th September 2022	6.71
C4	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C4	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C5	Am Nitrogen	TBA	Sep - 22	9.4	INORG-L12	07 th September 2022	12.69
C5	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C5	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C5	Chloride	TBA	Sep - 22	3850	INORG-L13	07 th September 2022	6.71
C5	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C5	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C6	Am Nitrogen	TBA	Sep - 22	3.7	INORG-L12	07 th September 2022	12.69
C6	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C6	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C6	Chloride	TBA	Sep - 22	6800	INORG-L13	07 th September 2022	6.71
C6	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C6	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C8	Am Nitrogen	TBA	Sep - 22	0.56	INORG-L12	07 th September 2022	12.69
C8	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C8	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C8	Chloride	TBA	Sep - 22	6000	INORG-L13	07 th September 2022	6.71
C8	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C8	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C10	Am Nitrogen	TBA	Sep - 22	DNR	INORG-L12	07 th September 2022	12.69
C10	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C10	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C10	Chloride	TBA	Sep - 22	DNR	INORG-L13	07 th September 2022	6.71
C10	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C10	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C12	Am Nitrogen	TBA	Sep - 22	22.2	INORG-L12	07 th September 2022	12.69
C12	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C12	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C12	Chloride	TBA	Sep - 22	5070	INORG-L13	07 th September 2022	6.71
C12	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C12	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C13	Am Nitrogen	TBA	Sep - 22	8.6	INORG-L12	07 th September 2022	12.69
C13	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C13	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C13	Chloride	TBA	Sep - 22	3060	INORG-L13	07 th September 2022	6.71
C13	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C13	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C14	Am Nitrogen	TBA	Sep - 22	26.5	INORG-L12	07 th September 2022	12.69
C14	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C14	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C14	Chloride	TBA	Sep - 22	4100	INORG-L13	07 th September 2022	6.71
C14	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C14	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C16	Am Nitrogen	TBA	Sep - 22	DNR	INORG-L12	07 th September 2022	12.69
C16	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C16	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C16	Chloride	TBA	Sep - 22	DNR	INORG-L13	07 th September 2022	6.71
C16	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C16	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C17	Am Nitrogen	TBA	Sep - 22	DNR	INORG-L12	07 th September 2022	12.69
C17	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C17	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C17	Chloride	TBA	Sep - 22	DNR	INORG-L13	07 th September 2022	6.71
C17	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C17	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C18	Am Nitrogen	TBA	Sep - 22	26.4	INORG-L12	07 th September 2022	12.69
C18	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C18	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C18	Chloride	TBA	Sep - 22	4500	INORG-L13	07 th September 2022	6.71
C18	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C18	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C19	Am Nitrogen	TBA	Sep - 22	0.03	INORG-L12	07 th September 2022	12.69
C19	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C19	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C19	Chloride	TBA	Sep - 22	2420	INORG-L13	07 th September 2022	6.71
C19	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C19	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C20	Am Nitrogen	TBA	Sep - 22	DNR	INORG-L12	07 th September 2022	12.69
C20	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C20	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C20	Chloride	TBA	Sep - 22	DNR	INORG-L13	07 th September 2022	6.71
C20	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C20	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C21	Am Nitrogen	TBA	Sep - 22	13.7	INORG-L12	07 th September 2022	12.69
C21	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C21	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C21	Chloride	TBA	Sep - 22	5800	INORG-L13	07 th September 2022	6.71
C21	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C21	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

Monitoring Point	Substance/ Parameter	Trigger Level	Reference Period	Result [1]	Test Method [2]	Sample Date & Times [3]	Uncertainty [4]
C22	Am Nitrogen	TBA	Sep - 22	0.25	INORG-L12	07 th September 2022	12.69
C22	Cadmium	1 ug/l	Sep - 22	Not tested	1450	07 th September 2022	3.93
C22	Nickel	0.22 ug/l	Sep - 22	Not tested	METALS-L	07 th September 2022	5.23
C22	Chloride	TBA	Sep - 22	10300	INORG-L13	07 th September 2022	6.71
C22	MP Xylene	1 ug/l	Sep - 22	Not tested	ORG-LO5	07 th September 2022	7.66
C22	Mecoprop	0.1 ug/l	Sep - 22	Not tested	ORG-L17	07 th September 2022	8.27

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 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)