Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
L1C/09	Methane (CH_4)	No limit set	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	0.40	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	18.60	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.05	-	29/10/2020	
L1C/09	Methane (CH_4)	No limit set	Nov	0.10	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	0 20	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	0.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	20.10	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.02	-	10/11/2020	
L1C/09	Methane (CH_4)	No limit set	Dec	0 90	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.70	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.03	-	31/12/2020	
L3/09	Methane (CH_4)	No limit set	Oct	Borehole damaged	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct		-	29/10/2020	
	Carbon Monoxide	No limit set	Oct		-	29/10/2020	
	Oxygen (O2)	No limit set	Oct		-	29/10/2020	
	Barometric Pressure	No limit set	Oct		-	29/10/2020	
	Gas Pressure	No limit set	Oct		-	29/10/2020	
L3/09	Methane (CH_4)	No limit set	Nov	Borehole damaged	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov		-	10/11/2020	
	Carbon Monoxide	No limit set	Nov		-	10/11/2020	
	Oxygen (O2)	No limit set	Nov		-	10/11/2020	
	Barometric Pressure	No limit set	Nov		-	10/11/2020	
	Gas Pressure	No limit set	Nov		-	10/11/2020	
L3/09	Methane (CH_4)	No limit set	Dec	Borehole damaged	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec		-	31/12/2020	
	Carbon Monoxide	No limit set	Dec		-	31/12/2020	
	Oxygen (O2)	No limit set	Dec		-	31/12/2020	
	Barometric Pressure	No limit set	Dec		-	31/12/2020	
	Gas Pressure	No limit set	Dec		-	31/12/2020	
L6/09	Methane (CH_4)	No limit set	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	0.10	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	20.50	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.07	-	29/10/2020	
L6/09	Methane (CH_4)	No limit set	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	0.10	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	0.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	20.20	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
L6/09	Methane (CH_4)	No limit set	Dec	0 20	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.10	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.70	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.05	-	31/12/2020	
L9B/09	Methane (CH_4)	No limit set	Oct	9.40	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	3.00	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	17.10	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.02	-	29/10/2020	
	Methane (CH_4)	No limit set	Nov	6 20	Portable infra-red analyser	10/11/2020	
	Carbon Dioxide (CO_2)	No limit set	Nov	2.10	-	10/11/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
L9B/09	Carbon Monoxide	No limit set	Nov	0.00	-	10/11/2020	Accuracy of meter
	Oxygen (O2)	No limit set	Nov	19.20	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
L9B/09	Methane (CH_4)	No limit set	Dec	1.40	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.80	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.30	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.05	-	31/12/2020	
L11/09	Methane (CH_4)	No limit set	Oct	98.40	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	11.10	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	6.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	0 50	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.14	-	29/10/2020	
L11/09	Methane (CH_4)	No limit set	Nov	56.20	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	10.80	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	7.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	0.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.05	-	10/11/2020	
L11/09	Methane (CH_4)	No limit set	Dec	34.20	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	5 50	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	5.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	11.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.02	-	31/12/2020	
L13/09	Methane (CH_4)	No limit set	Oct	Borehole damaged	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct		-	29/10/2020	
	Carbon Monoxide	No limit set	Oct		-	29/10/2020	
	Oxygen (O2)	No limit set	Oct		-	29/10/2020	
	Barometric Pressure	No limit set	Oct		-	29/10/2020	
	Gas Pressure	No limit set	Oct		-	29/10/2020	
L13/09	Methane (CH_4)	No limit set	Nov	Borehole damaged	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov		-	10/11/2020	
	Carbon Monoxide	No limit set	Nov		-	10/11/2020	
	Oxygen (O2)	No limit set	Nov		-	10/11/2020	
	Barometric Pressure	No limit set	Nov		-	10/11/2020	
	Gas Pressure	No limit set	Nov		-	10/11/2020	
L13/09	Methane (CH_4)	No limit set	Dec	Borehole damaged	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec		-	31/12/2020	
	Carbon Monoxide	No limit set	Dec		-	31/12/2020	
	Oxygen (O2)	No limit set	Dec		-	31/12/2020	
	Barometric Pressure	No limit set	Dec		-	31/12/2020	
	Gas Pressure	No limit set	Dec		-	31/12/2020	
L14/09	Methane (CH_4)	No limit set	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	0.80	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	19.60	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
L14/09	Methane (CH_4)	No limit set	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	0 30	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	0.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	20.30	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.10	-	10/11/2020	
L14/09	Methane (CH_4)	No limit set	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.10	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	21.00	-	31/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.03	-	31/12/2020	
L16/09	Methane (CH_4)	No limit set	Oct	22.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	8.60	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	7.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	9.60	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.03	-	29/10/2020	
L16/09	Methane (CH_4)	No limit set	Nov	18.10	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	5 20	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	6.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	10.10	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.02	-	10/11/2020	
L16/09	Methane (CH_4)	No limit set	Dec	10.80	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	4.70	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	1.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	17.70	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.02	-	31/12/2020	
L19/09	Methane (CH_4)	No limit set	Oct	4.60	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	0.40	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	1.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	17.10	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	998.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.00	-	29/10/2020	
L19/09	Methane (CH_4)	No limit set	Nov	3 20	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	0 20	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	3.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	17.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.04	-	10/11/2020	
L19/09	Methane (CH_4)	No limit set	Dec	0.80	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0 20	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.07	-	31/12/2020	
L21/09	Methane (CH_4)	No limit set	Oct	5.10	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	5 30	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	12.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.06	-	29/10/2020	
L21/09	Methane (CH_4)	No limit set	Nov	4	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	3.6	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	1	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	13.5	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
L21/09	Methane (CH_4)	No limit set	Dec	0	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.1	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.8	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1004	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
L23/09	Methane (CH_4)	No limit set	Oct	0.70	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	0 30	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	20.10	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	998.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
L23/09	Methane (CH_4)	No limit set	Nov	0 90	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	0.10	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	0.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	20.00	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
L23/09	Methane (CH_4)	No limit set	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.10	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.90	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.02	-	31/12/2020	
L26/09	Methane (CH_4)	No limit set	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Oct	0 20	-	29/10/2020	
	Carbon Monoxide	No limit set	Oct	0.00	-	29/10/2020	
	Oxygen (O2)	No limit set	Oct	20.30	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.00	-	29/10/2020	
L26/09	Methane (CH_4)	No limit set	Nov	0.40	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Nov	0 30	-	10/11/2020	
	Carbon Monoxide	No limit set	Nov	1.00	-	10/11/2020	
	Oxygen (O2)	No limit set	Nov	20.10	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
L26/09	Methane (CH_4)	No limit set	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	No limit set	Dec	0.10	-	31/12/2020	
	Carbon Monoxide	No limit set	Dec	0.00	-	31/12/2020	
	Oxygen (O2)	No limit set	Dec	20.80	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.02	-	31/12/2020	

[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 …BETH JONES…. Date…27/01/2020..
(Authorised to sign as representative of Operator)

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG1	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	21.50	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.07	-	29/10/2020	
	Water Level	No limit set	Oct	39.33	Dip meter	29/10/2020	
LFG1	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.50	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.05	-	10/11/2020	
	Water Level	No limit set	Nov	39.42	Dip meter	10/11/2020	
LFG1	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.50		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.05	-	31/12/2020	
	Water Level	No limit set	Dec	37.16	Dip meter	31/12/2020	
LFG2	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.70		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.10	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.03	-	29/10/2020	
	Water Level	No limit set	Oct	49.45	Dip meter	29/10/2020	
LFG2	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.70		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.10	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	49.45	Dip meter	10/11/2020	
LFG2	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.30		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	48.98	Dip meter	31/12/2020	
LFG3	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.00		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	16.20	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.02	-	29/10/2020	
	Water Level	No limit set	Oct	42.02	Dip meter	29/10/2020	
LFG3	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	17.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	38.03	Dip meter	10/11/2020	
LFG3	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.00		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	37.94	Dip meter	31/12/2020	
LFG4	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	7.50		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	13.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	54.30	Dip meter	29/10/2020	
	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	5.40		10/11/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG4	Oxygen (O_2)	No limit set	Nov	16.40	-	10/11/2020	Accuracy of meter
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	54.87	Dip meter	10/11/2020	
LFG4	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	3.20		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	16.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.05	-	31/12/2020	
	Water Level	No limit set	Dec	55.13	Dip meter	31/12/2020	
LFG5	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	13.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.07	-	29/10/2020	
	Water Level	No limit set	Oct	37.13	Dip meter	29/10/2020	
LFG5	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	2.60		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	12.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.05	-	10/11/2020	
	Water Level	No limit set	Nov	55.49	Dip meter	10/11/2020	
LFG5	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	2.40		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	11.10	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.03	-	31/12/2020	
	Water Level	No limit set	Dec	55.83	Dip meter	31/12/2020	
LFG6	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	21.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.03	-	29/10/2020	
	Water Level	No limit set	Oct	37.13	Dip meter	29/10/2020	
LFG6	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	54.29	Dip meter	10/11/2020	
LFG6	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.03	-	31/12/2020	
	Water Level	No limit set	Dec	55.83	Dip meter	31/12/2020	
LFG7BG	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	21.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.05	-	29/10/2020	
	Water Level	No limit set	Oct	54.54	Dip meter	29/10/2020	
LFG7BG	Methane (CH_4)	1.0 % vol.	Nov	0.10	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.10	-	10/11/2020	
	Water Level	No limit set	Nov	55.43	Dip meter	10/11/2020	
LFG7BG	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
	Gas Pressure	No limit set	Dec	0.06	-	31/12/2020	
	Water Level	No limit set	Dec	55.62	Dip meter	31/12/2020	
LFG8	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.80	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	37.22	Dip meter	29/10/2020	
LFG8	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.60		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.80	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	36.53	Dip meter	10/11/2020	
LFG8	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	13.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	35.82	Dip meter	31/12/2020	
LFG9	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	19.00	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.03	-	29/10/2020	
	Water Level	No limit set	Oct	50.58	Dip meter	29/10/2020	
LFG9	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.90		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.00	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	60.27	Dip meter	10/11/2020	
LFG9	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	2.20		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	10.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.75	-	31/12/2020	
	Water Level	No limit set	Dec	60.63	Dip meter	31/12/2020	
LFG10	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	12.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.00	-	29/10/2020	
	Water Level	No limit set	Oct	38.64	Dip meter	29/10/2020	
LFG10	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	2.60		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	15.30	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	48.44	Dip meter	10/11/2020	
LFG10	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	2.80		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	16.30	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.02	-	31/12/2020	
	Water Level	No limit set	Dec	48.52	Dip meter	31/12/2020	
LFG11	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	1.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	14.30	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.12	-	29/10/2020	
	Water Level	No limit set	Oct	49.34	Dip meter	29/10/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG11	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.00		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	15.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	50.62	Dip meter	10/11/2020	
LFG11	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.60		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	15.30	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.07	-	31/12/2020	
	Water Level	No limit set	Dec	50.58	Dip meter	31/12/2020	
LFG11A	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.40		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	16.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.07	-	29/10/2020	
	Water Level	No limit set	Oct	47.35	Dip meter	29/10/2020	
LFG11A	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	40.90	Dip meter	10/11/2020	
LFG11A	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.12	-	31/12/2020	
	Water Level	No limit set	Dec	40.74	Dip meter	31/12/2020	
LFG12BG	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	6.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	4.20	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.10	-	29/10/2020	
	Water Level	No limit set	Oct	40.43	Dip meter	29/10/2020	
LFG12BG	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	5.40		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	17.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	Date...27/01	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	39.93	Dip meter	10/11/2020	
LFG12BG	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	39.51	Dip meter	31/12/2020	
LFG13	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	16.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.07	-	29/10/2020	
	Water Level	No limit set	Oct	47.35	Dip meter	29/10/2020	
LFG13	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.60		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	18.90	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	48.40	Dip meter	10/11/2020	
	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	3.50		31/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG13	Oxygen (O_2)	No limit set	Dec	15.00	-	31/12/2020	Accuracy of meter
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.12	-	31/12/2020	
	Water Level	No limit set	Dec	48.58	Dip meter	31/12/2020	
LFG14	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.60	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.00	-	29/10/2020	
	Water Level	No limit set	Oct	56.51	Dip meter	29/10/2020	
LFG14	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.30	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	49.67	Dip meter	10/11/2020	
LFG14	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.80	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.09	-	31/12/2020	
	Water Level	No limit set	Dec	49.77	Dip meter	31/12/2020	
LFG15	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.70		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.10	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.03	-	29/10/2020	
	Water Level	No limit set	Oct	46.47	Dip meter	29/10/2020	
LFG15	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.00	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	57.39	Dip meter	10/11/2020	
LFG15	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	4.70		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	7.80	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.15	-	31/12/2020	
	Water Level	No limit set	Dec	64.47	Dip meter	31/12/2020	
LFG16BG	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.40		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.05	-	29/10/2020	
	Water Level	No limit set	Oct	66.69	Dip meter	29/10/2020	
LFG16BG	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.00		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.80	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	67.27	Dip meter	10/11/2020	
LFG16BG	Methane (CH_4)	1.0 % vol.	Dec	0.20	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.20		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	17.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	67.22	Dip meter	31/12/2020	
LFG17	Methane (CH_4)	1.0 % vol.	Oct	0.10	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	1.00		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	13.20	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
	Gas Pressure	No limit set	Oct	0.03	-	29/10/2020	
	Water Level	No limit set	Oct	41.52	Dip meter	29/10/2020	
LFG17	Methane (CH_4)	1.0 % vol.	Nov	0.20	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.60		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	15.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	40.95	Dip meter	10/11/2020	
LFG17	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.60		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	16.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.40	-	31/12/2020	
	Water Level	No limit set	Dec	40.95	Dip meter	31/12/2020	
LFG18	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.30		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.90	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.03	-	29/10/2020	
	Water Level	No limit set	Oct		Borehole damaged	29/10/2020	
LFG18	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.50		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.05	-	10/11/2020	
	Water Level	No limit set	Nov		Borehole damaged	10/11/2020	
LFG18	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.80	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1000.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.02	-	31/12/2020	
	Water Level	No limit set	Dec		Borehole damaged	31/12/2020	
LFG19	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.05	-	29/10/2020	
	Water Level	No limit set	Oct	43.99	Dip meter	29/10/2020	
LFG19	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.40		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	43.33	Dip meter	10/11/2020	
LFG19	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.70		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	16.70	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.31	-	31/12/2020	
	Water Level	No limit set	Dec	43.33	Dip meter	31/12/2020	
LFG20	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.30		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	2.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.05	-	29/10/2020	
	Water Level	No limit set	Oct	44.08	Dip meter	29/10/2020	
LFG20	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.05	-	10/11/2020	
	Water Level	No limit set	Nov	45.15	Dip meter	10/11/2020	
	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	

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LFG20	Oxygen (O_2)	No limit set	Dec	20.80	-	31/12/2020	Accuracy of meter
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.10	-	31/12/2020	
	Water Level	No limit set	Dec	43.53	Dip meter	31/12/2020	
LFG21BG	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	1.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	19.90	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.09	-	29/10/2020	
	Water Level	No limit set	Oct	50.44	Dip meter	29/10/2020	
LFG21BG	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.10	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	69.16	Dip meter	10/11/2020	
LFG21BG	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1000.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.14	-	31/12/2020	
	Water Level	No limit set	Dec	69.01	Dip meter	31/12/2020	
LFG22	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.30		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	2.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.05	-	29/10/2020	
	Water Level	No limit set	Oct	63.91	Dip meter	29/10/2020	
LFG22	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	15.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	42.67	Dip meter	10/11/2020	
LFG22	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.40		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	12.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.45	-	31/12/2020	
	Water Level	No limit set	Dec	43.44	Dip meter	31/12/2020	
LFG23	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	21.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.03	-	29/10/2020	
	Water Level	No limit set	Oct	43.31	Dip meter	29/10/2020	
LFG23	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.50		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.30	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	43.99	Dip meter	10/11/2020	
LFG23	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1000.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.19	-	31/12/2020	
	Water Level	No limit set	Dec	43.03	Dip meter	31/12/2020	
LFG24	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.05	-	29/10/2020	
	Water Level	No limit set	Oct	67.66	Dip meter	29/10/2020	

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LFG24	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	67.63	Dip meter	10/11/2020	
LFG24	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.30		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	17.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1000.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.05	-	31/12/2020	
	Water Level	No limit set	Dec	67.52	Dip meter	31/12/2020	
LFG25	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	3.50		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	13.80	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.12	-	29/10/2020	
	Water Level	No limit set	Oct	62.95	Dip meter	29/10/2020	
LFG25	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.70		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	17.20	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	61.66	Dip meter	10/11/2020	
LFG25	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1000.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.07	-	31/12/2020	
	Water Level	No limit set	Dec	60.81	Dip meter	31/12/2020	
LFG26	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	6.80		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	0.50	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1000.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.03	-	29/10/2020	
	Water Level	No limit set	Oct	64.74	Dip meter	29/10/2020	
LFG26	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	0.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.05	-	10/11/2020	
	Water Level	No limit set	Nov	64.37	Dip meter	10/11/2020	
LFG26	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	7.00		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	1.10	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.05	-	31/12/2020	
	Water Level	No limit set	Dec	64.77	Dip meter	31/12/2020	
LFG27	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	6.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	7.80	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.05	-	29/10/2020	
	Water Level	No limit set	Oct	54.19	Dip meter	29/10/2020	
LFG27	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.10	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.04	-	10/11/2020	
	Water Level	No limit set	Nov	60.82	Dip meter	10/11/2020	
LFG27	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.60		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	17.90	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	

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	Gas Pressure	No limit set	Dec	0.05	-	31/12/2020	
	Water Level	No limit set	Dec	61.51	Dip meter	31/12/2020	
LFG28	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.50		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.30	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.07	-	29/10/2020	
	Water Level	No limit set	Oct	66.58	Dip meter	29/10/2020	
LFG28	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.30	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	65.66	Dip meter	10/11/2020	
LFG28	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.40		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.05	-	31/12/2020	
	Water Level	No limit set	Dec	65.85	Dip meter	31/12/2020	
LFG29BG	Methane (CH_4)	1.0 % vol.	Oct	0.10	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.60		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.07	-	29/10/2020	
	Water Level	No limit set	Oct	64.67	Dip meter	29/10/2020	
LFG29BG	Methane (CH_4)	1.0 % vol.	Nov	0.30	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	22.00	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	993.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	64.78	Dip meter	10/11/2020	
LFG29BG	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.90		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.10	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.03	-	31/12/2020	
	Water Level	No limit set	Dec	64.41	Dip meter	31/12/2020	
LFG30	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	5.90		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	10.00	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.02	-	29/10/2020	
	Water Level	No limit set	Oct	51.01	Dip meter	29/10/2020	
LFG30	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	17.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	59.93	Dip meter	10/11/2020	
LFG30	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	2.30		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	15.80	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.10	-	31/12/2020	
	Water Level	No limit set	Dec	60.03	Dip meter	31/12/2020	
LFG31	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.10	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	36.33	Dip meter	29/10/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG31	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	18.30	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	60.16	Dip meter	10/11/2020	
LFG31	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	60.23	Dip meter	31/12/2020	
LFG32BG	Methane (CH_4)	1.0 % vol.	Oct	Borehole damaged	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct			29/10/2020	
	Oxygen (O_2)	No limit set	Oct		-	29/10/2020	
	Barometric Pressure	No limit set	Oct		-	29/10/2020	
	Gas Pressure	No limit set	Oct		-	29/10/2020	
	Water Level	No limit set	Oct		Dip meter	29/10/2020	
LFG32BG	Methane (CH_4)	1.0 % vol.	Nov	Borehole damaged	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov			10/11/2020	
	Oxygen (O_2)	No limit set	Nov		-	10/11/2020	
	Barometric Pressure	No limit set	Nov		-	10/11/2020	
	Gas Pressure	No limit set	Nov		-	10/11/2020	
	Water Level	No limit set	Nov		Dip meter	10/11/2020	
LFG32BG	Methane (CH_4)	1.0 % vol.	Dec	Borehole damaged	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec			31/12/2020	
	Oxygen (O_2)	No limit set	Dec		-	31/12/2020	
	Barometric Pressure	No limit set	Dec		-	31/12/2020	
	Gas Pressure	No limit set	Dec		-	31/12/2020	
	Water Level	No limit set	Dec		Dip meter	31/12/2020	
LFG33	Methane (CH_4)	1.0 % vol.	Oct	Borehole damaged	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct			29/10/2020	
	Oxygen (O_2)	No limit set	Oct		-	29/10/2020	
	Barometric Pressure	No limit set	Oct		-	29/10/2020	
	Gas Pressure	No limit set	Oct		-	29/10/2020	
	Water Level	No limit set	Oct		Dip meter	29/10/2020	
LFG33	Methane (CH_4)	1.0 % vol.	Nov	Borehole damaged	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov			10/11/2020	
	Oxygen (O_2)	No limit set	Nov		-	10/11/2020	
	Barometric Pressure	No limit set	Nov		-	10/11/2020	
	Gas Pressure	No limit set	Nov		-	10/11/2020	
	Water Level	No limit set	Nov		Dip meter	10/11/2020	
LFG33	Methane (CH_4)	1.0 % vol.	Dec	Borehole damaged	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec			31/12/2020	
	Oxygen (O_2)	No limit set	Dec		-	31/12/2020	
	Barometric Pressure	No limit set	Dec		-	31/12/2020	
	Gas Pressure	No limit set	Dec		-	31/12/2020	
	Water Level	No limit set	Dec		Dip meter	31/12/2020	
LFG34	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	3.70		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	12.80	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.43	-	29/10/2020	
	Water Level	No limit set	Oct	44.88	Dip meter	29/10/2020	
LFG34	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	15.20	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	borehole dirty	Dip meter	10/11/2020	
	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG34	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.20		31/12/2020	Accuracy of meter
	Oxygen (O_2)	No limit set	Dec	20.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.10	-	31/12/2020	
	Water Level	No limit set	Dec	borehole dirty	Dip meter	31/12/2020	
LFG35	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.90		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	15.20	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.91	-	29/10/2020	
	Water Level	No limit set	Oct	42.39	Dip meter	29/10/2020	
LFG35	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.80		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	17.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.07	-	10/11/2020	
	Water Level	No limit set	Nov	39.03	Dip meter	10/11/2020	
LFG35	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	1.90		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	12.90	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.07	-	31/12/2020	
	Water Level	No limit set	Dec	39.05	Dip meter	31/12/2020	
LFG36	Methane (CH_4)	1.0 % vol.	Oct	0.10	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	19.60	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.02	-	29/10/2020	
	Water Level	No limit set	Oct	Borehole dirty	Dip meter	29/10/2020	
LFG36	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.05	-	10/11/2020	
	Water Level	No limit set	Nov	Borehole dirty	Dip meter	10/11/2020	
LFG36	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.09	-	31/12/2020	
	Water Level	No limit set	Dec	Borehole dirty	Dip meter	31/12/2020	
LFG37	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.70	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	Borehole dirty	Dip meter	29/10/2020	
LFG37	Methane (CH_4)	1.0 % vol.	Nov	0.10	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.00		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	21.00	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	Borehole dirty	Dip meter	10/11/2020	
	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.50	-	31/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG37	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	Accuracy of meter
	Gas Pressure	No limit set	Dec	-0.03	-	31/12/2020	
	Water Level	No limit set	Dec	Borehole dirty	Dip meter	31/12/2020	
LFG38	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	1.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	15.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1003.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	37.57	Dip meter	29/10/2020	
LFG38	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.50		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.02	-	10/11/2020	
	Water Level	No limit set	Nov	37.36	Dip meter	10/11/2020	
LFG38	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.40		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	19.90	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	37.07	Dip meter	31/12/2020	
LFG39	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.70		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.00	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.09	-	29/10/2020	
	Water Level	No limit set	Oct	35.28	Dip meter	29/10/2020	
LFG39	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.50		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.05	-	10/11/2020	
	Water Level	No limit set	Nov	35.08	Dip meter	10/11/2020	
LFG39	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.50		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	19.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.03	-	31/12/2020	
	Water Level	No limit set	Dec	33.70	Dip meter	31/12/2020	
LFG40	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.50		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.90	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.02	-	29/10/2020	
	Water Level	No limit set	Oct	35.93	Dip meter	29/10/2020	
LFG40	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.80		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.60	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.02	-	10/11/2020	
	Water Level	No limit set	Nov	35.71	Dip meter	10/11/2020	
LFG40	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.30		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.03	-	31/12/2020	
	Water Level	No limit set	Dec	35.15	Dip meter	31/12/2020	
LFG41	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	3.90		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	14.80	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.05	-	29/10/2020	
	Water Level	No limit set	Oct		Ground level not surveyed	29/10/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG41	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.30		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	18.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1001.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov		Ground level not surveyed	10/11/2020	
LFG41	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.50	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.02	-	31/12/2020	
	Water Level	No limit set	Dec		Ground level not surveyed	31/12/2020	
LFG42	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.50		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.50	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.12	-	29/10/2020	
	Water Level	No limit set	Oct	41.35	Dip meter	29/10/2020	
LFG42	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.70	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.02	-	10/11/2020	
	Water Level	No limit set	Nov	40.36	Dip meter	10/11/2020	
LFG42	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.60		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.30	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1003.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	-0.27	-	31/12/2020	
	Water Level	No limit set	Dec	40.57	Dip meter	31/12/2020	
LFG43	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.00		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	10.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1001.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.36	-	29/10/2020	
	Water Level	No limit set	Oct	42.02	Dip meter	29/10/2020	
LFG43	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	16.90	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.07	-	10/11/2020	
	Water Level	No limit set	Nov	54.97	Dip meter	10/11/2020	
LFG43	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.20		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.30	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.02	-	31/12/2020	
	Water Level	No limit set	Dec	57.11	Dip meter	31/12/2020	
LFG44	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.20		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.20	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	59.58	Dip meter	29/10/2020	
LFG44	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	1.00		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	17.20	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.09	-	10/11/2020	
	Water Level	No limit set	Nov	59.58	Dip meter	10/11/2020	
LFG44	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.40		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.10	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
	Gas Pressure	No limit set	Dec	0.09	-	31/12/2020	
	Water Level	No limit set	Dec	59.63	Dip meter	31/12/2020	
LFG45	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	4.30		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	11.90	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.10	-	29/10/2020	
	Water Level	No limit set	Oct	42.14	Dip meter	29/10/2020	
LFG45	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	3.20		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	16.50	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	999.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.10	-	10/11/2020	
	Water Level	No limit set	Nov	51.11	Dip meter	10/11/2020	
LFG45	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	3.70		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	17.60	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.17	-	31/12/2020	
	Water Level	No limit set	Dec	52.74	Dip meter	31/12/2020	
LFG46	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	13.10		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	10.00	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	4.25	-	29/10/2020	
	Water Level	No limit set	Oct	42.44	Dip meter	29/10/2020	
LFG46	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	6.40		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	19.80	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	-0.03	-	10/11/2020	
	Water Level	No limit set	Nov	42.66	Dip meter	10/11/2020	
LFG46	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	2.50		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	16.40	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.00	-	31/12/2020	
	Water Level	No limit set	Dec	42.77	Dip meter	31/12/2020	
LFG47	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	0.30		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	20.40	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	0.29	-	29/10/2020	
	Water Level	No limit set	Oct	58.37	Dip meter	29/10/2020	
LFG47	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.10		10/11/2020	
	Oxygen (O_2)	No limit set	Nov	20.20	-	10/11/2020	
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.03	-	10/11/2020	
	Water Level	No limit set	Nov	57.86	Dip meter	10/11/2020	
LFG47	Methane (CH_4)	1.0 % vol.	Dec	0.00	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.40		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.20	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1001.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	0.02	-	31/12/2020	
	Water Level	No limit set	Dec	57.80	Dip meter	31/12/2020	
LFG48	Methane (CH_4)	1.0 % vol.	Oct	0.00	Portable infra-red analyser	29/10/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Oct	2.60		29/10/2020	
	Oxygen (O_2)	No limit set	Oct	6.50	-	29/10/2020	
	Barometric Pressure	No limit set	Oct	1002.00	-	29/10/2020	
	Gas Pressure	No limit set	Oct	-0.02	-	29/10/2020	
	Water Level	No limit set	Oct	41.95	Dip meter	29/10/2020	
	Methane (CH_4)	1.0 % vol.	Nov	0.00	Portable infra-red analyser	10/11/2020	
	Carbon Dioxide (CO_2)	1.5 % vol.	Nov	0.00		10/11/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
LFG48	Oxygen (O_2)	No limit set	Nov	20.30	-	10/11/2020	Accuracy of meter
	Barometric Pressure	No limit set	Nov	1000.00	-	10/11/2020	
	Gas Pressure	No limit set	Nov	0.00	-	10/11/2020	
	Water Level	No limit set	Nov	42.23	Dip meter	10/11/2020	
LFG48	Methane (CH_4)	1.0 % vol.	Dec	0.10	Portable infra-red analyser	31/12/2020	Accuracy of meter
	Carbon Dioxide (CO_2)	1.5 % vol.	Dec	0.10		31/12/2020	
	Oxygen (O_2)	No limit set	Dec	20.30	-	31/12/2020	
	Barometric Pressure	No limit set	Dec	1002.00	-	31/12/2020	
	Gas Pressure	No limit set	Dec	5.00	-	31/12/2020	
	Water Level	No limit set	Dec	42.15	Dip meter	31/12/2020	

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[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 …BETH JONES…. Date…27/01/2020..

(Authorised to sign as representative of Operator)

Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW01 (SHALLOW)	Water Level	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			29/10/2020	
	Chloride	11900 mg/l	Spot sample			29/10/2020	
CWMGW01 (SHALLOW)	Water Level	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			10/11/2020	
	Chloride	11900 mg/l	Spot sample			10/11/2020	
CWMGW01 (SHALLOW)	Water Level	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			17/12/2020	
	Electrical Conductivity	not set	Spot sample			17/12/2020	
	Dissolved Oxygen	not set	Spot sample			17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			17/12/2020	
	Chloride	11900 mg/l	Spot sample			17/12/2020	

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Permit Number TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW03 REPLACEMENT	Water Level	m	Spot sample	35.82	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			29/10/2020	
	Chloride	11900 mg/l	Spot sample			29/10/2020	
	Napthalene	0.062 mg/l	Spot sample			29/10/2020	
	Pentachlorophenol	1 mg/l	Spot sample			29/10/2020	
CWMGW03 REPLACEMENT	Water Level (mAOD)	m	Spot sample	35 53	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			10/11/2020	
	Chloride	11900 mg/l	Spot sample			10/11/2020	
	Napthalene	0.062 mg/l	Spot sample			10/11/2020	
	Pentachlorophenol	1 mg/l	Spot sample			10/11/2020	
CWMGW03 REPLACEMENT	Water Level (mAOD)		Spot sample	35 38	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.7		17/12/2020	
	Electrical Conductivity	not set	Spot sample	416		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	3 5		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	12.3		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006		17/12/2020	
	Nickel	2.6 mg/l	Spot sample	0.0192		17/12/2020	
	Napthalene	0.062 mg/l	Spot sample	<0.001		17/12/2020	
	Pentachlorophenol	1 mg/l	Spot sample	<0.001		17/12/2020	

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Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW04 (REPLACEMENT)	Water Level	m	Spot sample	38.67	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l					
	Chloride	11900 mg/l					
	Napthalene	0.062 mg/l					
	Pentachlorophenol	1 mg/l					
CWMGW04 (REPLACEMENT)	Water Level (mAOD)	m	Spot sample	38.83	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l					
	Chloride	11900 mg/l					
	Napthalene	0.062 mg/l					
	Pentachlorophenol	1 mg/l					
CWMGW04 (REPLACEMENT)	Water Level (mAOD)		Spot sample	38.98	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.5		17/12/2020	
	Electrical Conductivity	not set	Spot sample	327		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	3.5		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	22.8		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006			
	Nickel	2.6 mg/l	Spot sample	0.0067			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.001			

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Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW06A (SHALLOW)	Water Level	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW06A (SHALLOW)	Water Level (mAOD)	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW06A (SHALLOW)	Water Level (mAOD)		Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			17/12/2020	
	Electrical Conductivity	not set	Spot sample			17/12/2020	
	Dissolved Oxygen	not set	Spot sample			17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			17/12/2020	
	Chloride	11900 mg/l	Spot sample			17/12/2020	
	Cadmium	0.075 mg/l	Spot sample				
	Nickel	2.6 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				

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Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW07A	Water Level	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW07A	Water Level (mAOD)	m	Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW07A	Water Level (mAOD)		Spot sample	Borehole destroyed	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			17/12/2020	
	Electrical Conductivity	not set	Spot sample			17/12/2020	
	Dissolved Oxygen	not set	Spot sample			17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			17/12/2020	
	Chloride	11900 mg/l	Spot sample			17/12/2020	
	Cadmium	0.075 mg/l	Spot sample				
	Nickel	2.6 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				

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Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW07B	Water Level	m	Spot sample	44.31	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW07B	Water Level (mAOD)	m	Spot sample	43.37	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW07B	Water Level (mAOD)		Spot sample	43.35	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.9		17/12/2020	
	Electrical Conductivity	not set	Spot sample	506		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	4.2		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	11.9		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006			
	Nickel	2.6 mg/l	Spot sample	0.0127			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.005			

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Signed ...Beth Jones..... Date...27.01.2020.....
(Authorised to sign as representative of Operator)

Permit Number TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW08	Water Level	m	Spot sample	35.08	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			29/10/2020	
	Chloride	11900 mg/l	Spot sample			29/10/2020	
	Napthalene	0.062 mg/l	Spot sample			29/10/2020	
	Pentachlorophenol	1 mg/l	Spot sample			31/01/2013	
CWMGW08	Water Level (mAOD)	m	Spot sample	33.47	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			10/11/2020	
	Chloride	11900 mg/l	Spot sample			10/11/2020	
	Napthalene	0.062 mg/l	Spot sample			10/11/2020	
	Pentachlorophenol	1 mg/l	Spot sample			10/11/2020	
CWMGW08	Water Level (mAOD)		Spot sample	33 91	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7 3		17/12/2020	
	Electrical Conductivity	not set	Spot sample	420		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	2		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	0.52		17/12/2020	
	Chloride	11900 mg/l	Spot sample	14.5		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006		17/12/2020	
	Nickel	2.6 mg/l	Spot sample	0.0114		17/12/2020	
	Napthalene	0.062 mg/l	Spot sample	<0.001		17/12/2020	
	Pentachlorophenol	1 mg/l	Spot sample	<0.001		17/12/2020	

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Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW09	Water Level	m	Spot sample	37.85	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW09	Water Level (mAOD)	m	Spot sample	36.97	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW09	Water Level (mAOD)		Spot sample	36.98	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.2		17/12/2020	
	Electrical Conductivity	not set	Spot sample	419		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	4.1		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	15.9		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006			
	Nickel	2.6 mg/l	Spot sample	0.01			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.001			

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Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW10	Water Level	m	Spot sample	44.01	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW10	Water Level (mAOD)	m	Spot sample	42.84	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW10	Water Level (mAOD)		Spot sample	43.41	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.9		17/12/2020	
	Electrical Conductivity	not set	Spot sample	515		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	5.8		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	17.6		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006			
	Nickel	2.6 mg/l	Spot sample	0.0765			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.001			

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Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW11	Water Level	m	Spot sample	40.3	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW11	Water Level (mAOD)	m	Spot sample	39.78	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW11	Water Level (mAOD)		Spot sample	39.51	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.8		17/12/2020	
	Electrical Conductivity	not set	Spot sample	574		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	1.5		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	26.3		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006			
	Nickel	2.6 mg/l	Spot sample	0.0149			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.005			

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Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW12	Water Level	m	Spot sample	36.84	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW12	Water Level (mAOD)	m	Spot sample	34.98	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
CWMGW12	Water Level (mAOD)		Spot sample	35.57	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.9		17/12/2020	
	Electrical Conductivity	not set	Spot sample	479		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	2.7		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	27.2		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.006			
	Nickel	2.6 mg/l	Spot sample	0.0082			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.005			

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Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
LFG2	Water Level	m	Spot sample	49.38	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			29/10/2020	
	Chloride	11900 mg/l	Spot sample			29/10/2020	
	Napthalene	0.062 mg/l	Spot sample			29/10/2020	
	Pentachlorophenol	1 mg/l	Spot sample			29/10/2020	
LFG2	Water Level (mAOD)	m	Spot sample	49.45	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample			10/11/2020	
	Chloride	11900 mg/l	Spot sample			10/11/2020	
	Napthalene	0.062 mg/l	Spot sample			10/11/2020	
	Pentachlorophenol	1 mg/l	Spot sample			10/11/2020	
LFG2	Water Level (mAOD)		Spot sample	48.98	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.4		17/12/2020	
	Electrical Conductivity	not set	Spot sample	441		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	5.3		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	9.2		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.006		17/12/2020	
	Nickel	2.6 mg/l	Spot sample	0.0583		17/12/2020	
	Napthalene	0.062 mg/l	Spot sample	<0.001		17/12/2020	
	Pentachlorophenol	1 mg/l	Spot sample	<0.005		17/12/2020	

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Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
LFG9	Water Level	m	Spot sample	50.58	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
LFG9	Water Level (mAOD)	m	Spot sample	60.27	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
LFG9	Water Level (mAOD)		Spot sample	60.63	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	6.8		17/12/2020	
	Electrical Conductivity	not set	Spot sample	254		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	4.2		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	15		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	0.0078			
	Nickel	2.6 mg/l	Spot sample	0.325			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.001			

[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 ...Beth Jones..... Date...27.01.2020.....
(Authorised to sign as representative of Operator)

Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
LFG12BG	Water Level	m	Spot sample	40.43	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	29/10/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			29/10/2020	
	Electrical Conductivity	not set	Spot sample			29/10/2020	
	Dissolved Oxygen	not set	Spot sample			29/10/2020	
	Cadmium	0.075 mg/l	Spot sample			29/10/2020	
	Nickel	2.6 mg/l	Spot sample			29/10/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
LFG12BG	Water Level (mAOD)	m	Spot sample	39.93	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	10/11/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample			10/11/2020	
	Electrical Conductivity	not set	Spot sample			10/11/2020	
	Dissolved Oxygen	not set	Spot sample			10/11/2020	
	Cadmium	0.075 mg/l	Spot sample			10/11/2020	
	Nickel	2.6 mg/l	Spot sample			10/11/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample				
	Chloride	11900 mg/l	Spot sample				
	Napthalene	0.062 mg/l	Spot sample				
	Pentachlorophenol	1 mg/l	Spot sample				
LFG12BG	Water Level (mAOD)		Spot sample	39.51	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	pH	>6 , <9	Spot sample	7.1		17/12/2020	
	Electrical Conductivity	not set	Spot sample	288		17/12/2020	
	Dissolved Oxygen	not set	Spot sample	5.5		17/12/2020	
	Ammoniacal Nitrogen	393 mg/l	Spot sample	<0.41		17/12/2020	
	Chloride	11900 mg/l	Spot sample	24.6		17/12/2020	
	Cadmium	0.075 mg/l	Spot sample	<0.0006			
	Nickel	2.6 mg/l	Spot sample	0.0118			
	Napthalene	0.062 mg/l	Spot sample	<0.001			
	Pentachlorophenol	1 mg/l	Spot sample	<0.001			

[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 ...Beth Jones..... Date...27.01.2020.....
(Authorised to sign as representative of Operator)

Permit Number: TP3835LV

Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry

Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW01B (Shallow)	Cadmium	n/a	Spot sample	Borehole destoyed		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample			17/12/2020	
	Chromium	n/a	Spot sample			17/12/2020	
	Copper	n/a	Spot sample			17/12/2020	
	Iron	n/a	Spot sample			17/12/2020	
	Lead	n/a	Spot sample			17/12/2020	
	Magnesium	n/a	Spot sample			17/12/2020	
	Manganese	n/a	Spot sample			17/12/2020	
	Mercury	n/a	Spot sample			17/12/2020	
	Nickel	n/a	Spot sample			17/12/2020	
	Potassium	n/a	Spot sample			17/12/2020	
	Sodium	n/a	Spot sample			17/12/2020	
	Zinc	n/a	Spot sample			17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample			17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample			17/12/2020	
	Sulphate	n/a	Spot sample			17/12/2020	
	Total Organic Carbon	n/a	Spot sample			17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample			17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample			17/12/2020	
CWMGW03 (Replacement)	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	81.1		17/12/2020	
	Chromium	n/a	Spot sample	0 0047		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	3.3		17/12/2020	
	Lead	n/a	Spot sample	0 0393		17/12/2020	
	Magnesium	n/a	Spot sample	14 5		17/12/2020	
	Manganese	n/a	Spot sample	0.51		17/12/2020	
	Mercury	n/a	Spot sample	0.00003		17/12/2020	
	Nickel	n/a	Spot sample	0 0127		17/12/2020	
	Potassium	n/a	Spot sample	3.24		17/12/2020	
	Sodium	n/a	Spot sample	10 9		17/12/2020	
	Zinc	n/a	Spot sample	0 0181		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	109		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	160		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	3.8		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
CWMGW04 (Replacement)	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	35 8		17/12/2020	
	Chromium	n/a	Spot sample	<0.002		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	6.6		17/12/2020	
	Lead	n/a	Spot sample	<0.006		17/12/2020	
	Magnesium	n/a	Spot sample	14 3		17/12/2020	
	Manganese	n/a	Spot sample	0.718		17/12/2020	
	Mercury	n/a	Spot sample	0.00001		17/12/2020	
	Nickel	n/a	Spot sample	0 0067		17/12/2020	
	Potassium	n/a	Spot sample	2.69		17/12/2020	
	Sodium	n/a	Spot sample	8.21		17/12/2020	
	Zinc	n/a	Spot sample	<0.018		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	122		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	36 2		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	1.3		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	

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Installation: Cwmrhydyceirw Quarry

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Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW06A (Shallow)	Cadmium	n/a	Spot sample	Borehole destoyed		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample			17/12/2020	
	Chromium	n/a	Spot sample			17/12/2020	
	Copper	n/a	Spot sample			17/12/2020	
	Iron	n/a	Spot sample			17/12/2020	
	Lead	n/a	Spot sample			17/12/2020	
	Magnesium	n/a	Spot sample			17/12/2020	
	Manganese	n/a	Spot sample			17/12/2020	
	Mercury	n/a	Spot sample			17/12/2020	
	Nickel	n/a	Spot sample			17/12/2020	
	Potassium	n/a	Spot sample			17/12/2020	
	Sodium	n/a	Spot sample			17/12/2020	
	Zinc	n/a	Spot sample			17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample			17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample			17/12/2020	
	Sulphate	n/a	Spot sample			17/12/2020	
	Total Organic Carbon	n/a	Spot sample			17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample			17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample			17/12/2020	
CWMGW07A	Cadmium	n/a	Spot sample	Borehole destoyed		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample			17/12/2020	
	Chromium	n/a	Spot sample			17/12/2020	
	Copper	n/a	Spot sample			17/12/2020	
	Iron	n/a	Spot sample			17/12/2020	
	Lead	n/a	Spot sample			17/12/2020	
	Magnesium	n/a	Spot sample			17/12/2020	
	Manganese	n/a	Spot sample			17/12/2020	
	Mercury	n/a	Spot sample			17/12/2020	
	Nickel	n/a	Spot sample			17/12/2020	
	Potassium	n/a	Spot sample			17/12/2020	
	Sodium	n/a	Spot sample			17/12/2020	
	Zinc	n/a	Spot sample			17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample			17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample			17/12/2020	
	Sulphate	n/a	Spot sample			17/12/2020	
	Total Organic Carbon	n/a	Spot sample			17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample			17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample			17/12/2020	
CWMGW07B	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	81.1		17/12/2020	
	Chromium	n/a	Spot sample	0 0047		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	3.3		17/12/2020	
	Lead	n/a	Spot sample	0 0393		17/12/2020	
	Magnesium	n/a	Spot sample	14 5		17/12/2020	
	Manganese	n/a	Spot sample	0.51		17/12/2020	
	Mercury	n/a	Spot sample	0.00003		17/12/2020	
	Nickel	n/a	Spot sample	0 0127		17/12/2020	
	Potassium	n/a	Spot sample	3.24		17/12/2020	
	Sodium	n/a	Spot sample	10 9		17/12/2020	
	Zinc	n/a	Spot sample	0 0181		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	109		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	160		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	3.8		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	

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Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW08	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	51 2		17/12/2020	
	Chromium	n/a	Spot sample	<0.002		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	10		17/12/2020	
	Lead	n/a	Spot sample	0 0928		17/12/2020	
	Magnesium	n/a	Spot sample	18.7		17/12/2020	
	Manganese	n/a	Spot sample	1.03		17/12/2020	
	Mercury	n/a	Spot sample	<0 00001		17/12/2020	
	Nickel	n/a	Spot sample	0 0114		17/12/2020	
	Potassium	n/a	Spot sample	2.52		17/12/2020	
	Sodium	n/a	Spot sample	12 5		17/12/2020	
	Zinc	n/a	Spot sample	0 0801		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	194		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	36.7		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	2.4		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	0.00448		17/12/2020	
CWMGW09	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	44		17/12/2020	
	Chromium	n/a	Spot sample	<0.002		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	17.4		17/12/2020	
	Lead	n/a	Spot sample	0 0149		17/12/2020	
	Magnesium	n/a	Spot sample	21.4		17/12/2020	
	Manganese	n/a	Spot sample	0.979		17/12/2020	
	Mercury	n/a	Spot sample	0.00001		17/12/2020	
	Nickel	n/a	Spot sample	0.01		17/12/2020	
	Potassium	n/a	Spot sample	2.59		17/12/2020	
	Sodium	n/a	Spot sample	7.39		17/12/2020	
	Zinc	n/a	Spot sample	<0.018		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	189		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	41 9		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	1.6		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
LFG2	Cadmium	n/a	Spot sample	<0.006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	88		17/12/2020	
	Chromium	n/a	Spot sample	0 0496		17/12/2020	
	Copper	n/a	Spot sample	1.55		17/12/2020	
	Iron	n/a	Spot sample	84 5		17/12/2020	
	Lead	n/a	Spot sample	0.151		17/12/2020	
	Magnesium	n/a	Spot sample	9.7		17/12/2020	
	Manganese	n/a	Spot sample	2.42		17/12/2020	
	Mercury	n/a	Spot sample	0.00018		17/12/2020	
	Nickel	n/a	Spot sample	0 0583		17/12/2020	
	Potassium	n/a	Spot sample	6.24		17/12/2020	
	Sodium	n/a	Spot sample	4.23		17/12/2020	
	Zinc	n/a	Spot sample	0.828		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	196		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	61.1		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	4.4		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	

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Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
LFG6	Cadmium	n/a	Spot sample	<0.006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	35 3		17/12/2020	
	Chromium	n/a	Spot sample	<0.02		17/12/2020	
	Copper	n/a	Spot sample	<0.09		17/12/2020	
	Iron	n/a	Spot sample	261		17/12/2020	
	Lead	n/a	Spot sample	<0.06		17/12/2020	
	Magnesium	n/a	Spot sample	8.1		17/12/2020	
	Manganese	n/a	Spot sample	1.22		17/12/2020	
	Mercury	n/a	Spot sample	0.00002		17/12/2020	
	Nickel	n/a	Spot sample	0 0324		17/12/2020	
	Potassium	n/a	Spot sample	<1 8		17/12/2020	
	Sodium	n/a	Spot sample	8.01		17/12/2020	
	Zinc	n/a	Spot sample	<0.180		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	105		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	15 5		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	3.8		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
LFG9	Cadmium	n/a	Spot sample	0 0078		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	42.4		17/12/2020	
	Chromium	n/a	Spot sample	0 0559		17/12/2020	
	Copper	n/a	Spot sample	0.139		17/12/2020	
	Iron	n/a	Spot sample	83.1		17/12/2020	
	Lead	n/a	Spot sample	0 0605		17/12/2020	
	Magnesium	n/a	Spot sample	14 8		17/12/2020	
	Manganese	n/a	Spot sample	40.4		17/12/2020	
	Mercury	n/a	Spot sample	0.00015		17/12/2020	
	Nickel	n/a	Spot sample	0.325		17/12/2020	
	Potassium	n/a	Spot sample	3.12		17/12/2020	
	Sodium	n/a	Spot sample	6.03		17/12/2020	
	Zinc	n/a	Spot sample	0.421		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	117		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	19		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	4.6		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
LFG12BG	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	32		17/12/2020	
	Chromium	n/a	Spot sample	0 0039		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	8.8		17/12/2020	
	Lead	n/a	Spot sample	0 0082		17/12/2020	
	Magnesium	n/a	Spot sample	10.4		17/12/2020	
	Manganese	n/a	Spot sample	0.903		17/12/2020	
	Mercury	n/a	Spot sample	0.00002		17/12/2020	
	Nickel	n/a	Spot sample	0 0118		17/12/2020	
	Potassium	n/a	Spot sample	1.64		17/12/2020	
	Sodium	n/a	Spot sample	10 9		17/12/2020	
	Zinc	n/a	Spot sample	0 0256		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	94 8		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	28 6		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	1.5		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
	Cadmium	n/a	Spot sample	<0.006		17/12/2020	
	Calcium	n/a	Spot sample	65 3		17/12/2020	

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Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMGW10	Chromium	n/a	Spot sample	0 0252		17/12/2020	Accuracy of testing equipment
	Copper	n/a	Spot sample	0 0226		17/12/2020	
	Iron	n/a	Spot sample	46.7		17/12/2020	
	Lead	n/a	Spot sample	0 0282		17/12/2020	
	Magnesium	n/a	Spot sample	23.4		17/12/2020	
	Manganese	n/a	Spot sample	2.26		17/12/2020	
	Mercury	n/a	Spot sample	0.00013		17/12/2020	
	Nickel	n/a	Spot sample	0 0765		17/12/2020	
	Potassium	n/a	Spot sample	4.78		17/12/2020	
	Sodium	n/a	Spot sample	5.85		17/12/2020	
	Zinc	n/a	Spot sample	0.116		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	239		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	57.7		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	1.9		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
CWMGW11	Cadmium	n/a	Spot sample	<0 0006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	88 5		17/12/2020	
	Chromium	n/a	Spot sample	0 0039		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	4.3		17/12/2020	
	Lead	n/a	Spot sample	<0.006		17/12/2020	
	Magnesium	n/a	Spot sample	21 3		17/12/2020	
	Manganese	n/a	Spot sample	0.787		17/12/2020	
	Mercury	n/a	Spot sample	0.00003		17/12/2020	
	Nickel	n/a	Spot sample	0 0149		17/12/2020	
	Potassium	n/a	Spot sample	2.59		17/12/2020	
	Sodium	n/a	Spot sample	10.1		17/12/2020	
	Zinc	n/a	Spot sample	<0.018		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	250		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	67.7		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	1.9		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	
CWMGW12	Cadmium	n/a	Spot sample	<0.006		17/12/2020	Accuracy of testing equipment
	Calcium	n/a	Spot sample	64.7		17/12/2020	
	Chromium	n/a	Spot sample	0 0034		17/12/2020	
	Copper	n/a	Spot sample	<0.009		17/12/2020	
	Iron	n/a	Spot sample	7.6		17/12/2020	
	Lead	n/a	Spot sample	<0.006		17/12/2020	
	Magnesium	n/a	Spot sample	20 6		17/12/2020	
	Manganese	n/a	Spot sample	5.09		17/12/2020	
	Mercury	n/a	Spot sample	0.00007		17/12/2020	
	Nickel	n/a	Spot sample	0 0082		17/12/2020	
	Potassium	n/a	Spot sample	2.75		17/12/2020	
	Sodium	n/a	Spot sample	9.38		17/12/2020	
	Zinc	n/a	Spot sample	<0.018		17/12/2020	
	Alkalinity as CaCO3	n/a	Spot sample	216		17/12/2020	
	Total Oxidised Nitrogen	n/a	Spot sample	<0.7		17/12/2020	
	Sulphate	n/a	Spot sample	35.4		17/12/2020	
	Total Organic Carbon	n/a	Spot sample	1.5		17/12/2020	
	Cyanide, Total as CN	n/a	Spot sample	<0.009		17/12/2020	
	Phenols Mono (Phenol Index)	n/a	Spot sample	<0.001		17/12/2020	

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Permit Number: TP3835LV

Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry

Form Number: Ground Water 1 - 15 October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]

[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.

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Signed …Beth Jones……Date…27.01.2020……..
(Authorised to sign as representative of Operator)

Permit Number: TP3835LV

Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry

Form Number: LFG 1 - 15 October 2008

Reporting of leachate monitoring for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
CWMLS01	pH	N/A	December 2020	8 2	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	Electrical conductivity	N/A	December 2020	606		17/12/2020	
	Chemical Oxygen Demand (COD)	N/A	December 2020	39		17/12/2020	
	Ammonical Nitrogen	N/A	December 2020	<0.41		17/12/2020	
	Chloride	N/A	December 2020	34.8		17/12/2020	
	Sodium	N/A	December 2020	12.6		17/12/2020	
	Potassium	N/A	December 2020	5.61		17/12/2020	
	Total organic carbon (TOC)	N/A	December 2020	3 5		17/12/2020	
	Alkalinity as Ca CO_3	N/A	December 2020	215		17/12/2020	
	Calcium	N/A	December 2020	111		17/12/2020	
	Sulphate	N/A	December 2020	104		17/12/2020	
	Total oxidised Nitrogen (TON)	N/A	December 2020	<0.7		17/12/2020	

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
L9B/09	pH	N/A	December 2020	7.6	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
	Electrical conductivity	N/A	December 2020	11500		17/12/2020	
	Chemical Oxygen Demand (COD)	N/A	December 2020	2030		17/12/2020	
	Ammonical Nitrogen	N/A	December 2020	595		17/12/2020	
	Chloride	N/A	December 2020	2740		17/12/2020	
	Sodium	N/A	December 2020	799		17/12/2020	
	Potassium	N/A	December 2020	317		17/12/2020	
	Total organic carbon (TOC)	N/A	December 2020	196		17/12/2020	
	Alkalinity as Ca CO_3	N/A	December 2020	2170		17/12/2020	
	Calcium	N/A	December 2020	76.7		17/12/2020	
	Sulphate	N/A	December 2020	<4.4		17/12/2020	
	Total oxidised Nitrogen (TON)	N/A	December 2020	<0.7		17/12/2020	

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(Authorised to sign as representative of Operator)

Permit Number: TP3835LV

Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry

Form Number: LFG 1 - 15 October 2008

Reporting of leachate monitoring for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result	Test Method	Sample Date and Times	Uncertainty
L1C	Leachate Level	no limit for existing waste	October	8.91	Dip meter	29/10/2020	
			November	8.97	Dip meter	10/11/2020	
			December	7.93	Dip meter	31/12/2020	
L3	Leachate Level	no limit for existing waste	October	Well damaged	Dip meter	29/10/2020	
			November		Dip meter	10/11/2020	
			December		Dip meter	31/12/2020	
L6	Leachate Level	no limit for existing waste	October	10.19	Dip meter	29/10/2020	
			November	10.24	Dip meter	10/11/2020	
			December	9.66	Dip meter	31/12/2020	
L9B	Leachate Level	no limit for existing waste	October	1.48	Dip meter	29/10/2020	
			November	1.52	Dip meter	10/11/2020	
			December	1.00	Dip meter	31/12/2020	
L11	Leachate Level	no limit for existing waste	October	12.53	Dip meter	29/10/2020	
			November	12.55	Dip meter	10/11/2020	
			December	5.96	Dip meter	31/12/2020	
L13	Leachate Level	no limit for existing waste	October	Well damaged	Dip meter	29/10/2020	
			November		Dip meter	10/11/2020	
			December		Dip meter	31/12/2020	
L14	Leachate Level	no limit for existing waste	October	0.20	Dip meter	29/10/2020	
			November	0.14	Dip meter	10/11/2020	
			December	0.43	Dip meter	31/12/2020	
L16	Leachate Level	no limit for existing waste	October	1.24	Dip meter	29/10/2020	
			November	1.39	Dip meter	10/11/2020	
			Dec	2.57	Dip meter	31/12/2020	
L19	Leachate Level	no limit for existing waste	October	1.32	Dip meter	29/10/2020	
			November	1.48	Dip meter	10/11/2020	
			December	0.70	Dip meter	31/12/2020	
L21	Leachate Level	no limit for existing waste	October	Well damaged	Dip meter	29/10/2020	
			November		Dip meter	10/11/2020	
			December		Dip meter	31/12/2020	
L23	Leachate Level	no limit for existing waste	October	0.60	Dip meter	29/10/2020	
			November	0.64	Dip meter	10/11/2020	
			December	0.82	Dip meter	31/12/2020	
L26	Leachate Level	no limit for existing waste	October	0.56	Dip meter	29/10/2020	
			November	0.54	Dip meter	10/11/2020	
			December	0.06	Dip meter	31/12/2020	
CWMLSO1	Leachate Level	no limit for existing waste	October	2.70	Dip meter	29/10/2020	
			November	2.54	Dip meter	10/11/2020	
			December	2.57	Dip meter	31/12/2020	

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Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS01	Suspended Solids	40 mg/litre	Spot Sample	4.00	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	pH	>6 and <9 pH units	Spot Sample	7.8	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	Ammoniacal Nitrogen	1 mg/litre	Spot Sample	<0.41	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	Chloride	100 mg/litre	Spot Sample	21.8	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	Electrical Conductivity		Spot Sample	180	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	Dissolved Oxygen		Spot Sample	10.7	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	BOD+ATU (5Day)		Spot Sample	<1	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment
CWMS01	COD (total)		Spot Sample	16.0	Methods used shall be in accordance with Agency guidance document 'Guidance on monitoring of landfill leachate, groundwater and surface water (LFTGN02)	17/12/2020	Accuracy of testing equipment

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Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value/Unit	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS02	Suspended Solids	40 mg/litre	Spot Sample	16.00	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	pH	>6 and <9 pH units	Spot Sample	7.9	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	Ammoniacal Nitrogen	1 mg/litre	Spot Sample	<0.41	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	Chloride	100 mg/litre	Spot Sample	39.5	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	Electrical Conductivity		Spot Sample	488	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	Dissolved Oxygen		Spot Sample	4.8	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	BOD+ATU (5Day)		Spot Sample	<1	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	COD (total)		Spot Sample	11	Methods used shall be in accordance with Agency	17/12/2020	Accuracy of testing equipment
CWMS02	Water Level	m	Spot Sample	32 32 32	Methods used shall be in accordance with Agency	30/10/2020 27/11/2020 25/12/2020	Accuracy of testing equipment
CWMS02	Discharge volume	m^3	Spot Sample	15,419 16,080 18,201	Methods used shall be in accordance with Agency	30/10/2020 27/11/2020 25/12/2020	Accuracy of testing equipment
CWMS02	Flow Rate	m^3/hr	Spot Sample	18.36 23.93 27.08	Methods used shall be in accordance with Agency	30/10/2020 27/11/2020 25/12/2020	Accuracy of testing equipment

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Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Sample Date and Times [3]	Uncertainty [4]
CWMS03A	Suspended Solids	40 mg/litre	Spot Sample	4.00	17/12/2020	Accuracy of testing equipment
CWMS03A	pH	>6 and <9 pH units	Spot Sample	7.9	17/12/2020	Accuracy of testing equipment
CWMS03A	Ammoniacal Nitrogen	1 mg/litre	Spot Sample	<0.41	17/12/2020	Accuracy of testing equipment
CWMS03A	Chloride	100 mg/litre	Spot Sample	21.8	17/12/2020	Accuracy of testing equipment
CWMS03A	Electrical Conductivity		Spot Sample	179	17/12/2020	Accuracy of testing equipment
CWMS03A	Dissolved Oxygen		Spot Sample	11.1	17/12/2020	Accuracy of testing equipment
CWMS03A	BOD+ATU (5Day)		Spot Sample	<1	17/12/2020	Accuracy of testing equipment
CWMS03A	COD (total)		Spot Sample	14	17/12/2020	Accuracy of testing equipment

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Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Sample Date and Times [3]	Uncertainty [4]
CWMS03B	Suspended Solids	40 mg/litre	Spot Sample	10.00	17/12/2020	Accuracy of testing equipment
CWMS03B	pH	>6 and <9 pH units	Spot Sample	8	17/12/2020	Accuracy of testing equipment
CWMS03B	Ammoniacal Nitrogen	1 mg/litre	Spot Sample	<0.41	17/12/2020	Accuracy of testing equipment
CWMS03B	Chloride	100 mg/litre	Spot Sample	23.4	17/12/2020	Accuracy of testing equipment
CWMS03B	Electrical Conductivity		Spot Sample	221	17/12/2020	Accuracy of testing equipment
CWMS03B	Dissolved Oxygen		Spot Sample	11	17/12/2020	Accuracy of testing equipment
CWMS03B	BOD+ATU (5Day)		Spot Sample	<1	17/12/2020	Accuracy of testing equipment
CWMS03B	COD (total)		Spot Sample	16.0	17/12/2020	Accuracy of testing equipment

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Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Sample Date and Times [3]	Uncertainty [4]
CWMS05	Suspended Solids	40 mg/litre	Spot Sample	43	17/12/2020	Accuracy of testing equipment
CWMS05	pH	>6 and <9 pH units	Spot Sample	8	17/12/2020	Accuracy of testing equipment
CWMS05	Ammoniacal Nitrogen	1 mg/litre	Spot Sample	<0.41	17/12/2020	Accuracy of testing equipment
CWMS05	Chloride	100 mg/litre	Spot Sample	17.3	17/12/2020	Accuracy of testing equipment
CWMS05	Electrical Conductivity		Spot Sample	199	17/12/2020	Accuracy of testing equipment
CWMS05	Dissolved Oxygen		Spot Sample	10.8	17/12/2020	Accuracy of testing equipment
CWMS05	BOD+ATU (5Day)		Spot Sample	<1	17/12/2020	Accuracy of testing equipment
CWMS05	COD (total)		Spot Sample	15	17/12/2020	Accuracy of testing equipment

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Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS01	Cadmium	mg/l	Quarterly	<0.0006		17/12/2020	
	Calcium	mg/l	Quarterly	20.0			
	Chromium	mg/l	Quarterly	<0.002			
	Copper	mg/l	Quarterly	<0.009			
	Iron	mg/l	Quarterly	<0.230			
	Lead	mg/l	Quarterly	<0.006			
	Magnesium	mg/l	Quarterly	2.3			
	Manganese	mg/l	Quarterly	0.0262			
	Mercury	mg/l	Quarterly	<0.00001			
	Nickel	mg/l	Quarterly	0.0059			
	Potassium	mg/l	Quarterly	1.2			
	Sodium	mg/l	Quarterly	9.58			
	Zinc	mg/l	Quarterly	0.0358			
	Alkalinity as $CaCO_3$	mg/l	Quarterly	49			
	TON as N	mg/l	Quarterly	<0.7			
	Sulphate	mg/l	Quarterly	13.2			
	TOC as C	mg/l	Quarterly	3.5			
	Cyanide, Total as CN	mg/l	Quarterly	<0.009			
	Phenols Mono	mg/l	Quarterly	<0.010			
	TPH >C6-C40	mg/l	Quarterly	<0.01			
	TPH >C6-C8	mg/l	Quarterly	<0.01			
	TPH> C8-C10	mg/l	Quarterly	<0.01			
	TPH> C16-C24	mg/l	Quarterly	<0.01			
	TPH> C24-C40	mg/l	Quarterly	<0.01			
	TPH> C10-C16	mg/l	Quarterly	<0.01			

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Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS02	Cadmium	mg/l	Quarterly	<0.0006		17/12/2020	
	Calcium	mg/l	Quarterly	67.1			
	Chromium	mg/l	Quarterly	0.0023			
	Copper	mg/l	Quarterly	<0.009			
	Iron	mg/l	Quarterly	0.476			
	Lead	mg/l	Quarterly	<0.006			
	Magnesium	mg/l	Quarterly	13.8			
	Manganese	mg/l	Quarterly	0.0701			
	Mercury	mg/l	Quarterly	<0.00001			
	Nickel	mg/l	Quarterly	<0.003			
	Potassium	mg/l	Quarterly	7.31			
	Sodium	mg/l	Quarterly	11.9			
	Zinc	mg/l	Quarterly	<0.018			
	Alkalinity as $CaCO_3$	mg/l	Quarterly	169			
	TON as N	mg/l	Quarterly	<0.7			
	Sulphate	mg/l	Quarterly	46.8			
	TOC as C	mg/l	Quarterly	2.1			
	Cyanide, Total as CN	mg/l	Quarterly	<0.009			
	Phenols Mono	mg/l	Quarterly	<0.10			
	TPH >C6-C40	mg/l	Quarterly	0.068			
	TPH >C6-C8	mg/l	Quarterly	<0.01			
	TPH> C8-C10	mg/l	Quarterly	<0.01			
	TPH> C16-C24	mg/l	Quarterly	<0.01			
	TPH> C24-C40	mg/l	Quarterly	<0.01			
	TPH> C10-C16	mg/l	Quarterly	<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 uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed …Beth Jones……Date……27/01/2020……..

(Authorised to sign as representative of Operator)

Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS03A	Cadmium	mg/l	Quarterly	<0.0006		17/12/2020	
	Calcium	mg/l	Quarterly	22.8			
	Chromium	mg/l	Quarterly	<0.002			
	Copper	mg/l	Quarterly	<0.009			
	Iron	mg/l	Quarterly	0.313			
	Lead	mg/l	Quarterly	<0.006			
	Magnesium	mg/l	Quarterly	2.4			
	Manganese	mg/l	Quarterly	0.0272			
	Mercury	mg/l	Quarterly	<0.00001			
	Nickel	mg/l	Quarterly	0.0067			
	Potassium	mg/l	Quarterly	1.26			
	Sodium	mg/l	Quarterly	9.46			
	Zinc	mg/l	Quarterly	0.065			
	Alkalinity as $CaCO_3$	mg/l	Quarterly	54.6			
	TON as N	mg/l	Quarterly	<0.0007			
	Sulphate	mg/l	Quarterly	13.8			
	TOC as C	mg/l	Quarterly	3.6			
	Cyanide, Total as CN	mg/l	Quarterly	<0.009			
	Phenols Mono	mg/l	Quarterly	<0.10			
	TPH >C6-C40	mg/l	Quarterly	<0.01			
	TPH >C6-C8	mg/l	Quarterly	<0.01			
	TPH> C8-C10	mg/l	Quarterly	<0.01			
	TPH> C16-C24	mg/l	Quarterly	<0.01			
	TPH> C24-C40	mg/l	Quarterly	<0.01			
	TPH> C10-C16	mg/l	Quarterly	<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 uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed …Beth Jones……Date……27/01/2020……..

(Authorised to sign as representative of Operator)

Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS03B	Cadmium	mg/l	Quarterly	<0.0006		17/12/2020	
	Calcium	mg/l	Quarterly	29.4			
	Chromium	mg/l	Quarterly	<0.002			
	Copper	mg/l	Quarterly	<0.009			
	Iron	mg/l	Quarterly	0.427			
	Lead	mg/l	Quarterly	<0.006			
	Magnesium	mg/l	Quarterly	3.4			
	Manganese	mg/l	Quarterly	0.0402			
	Mercury	mg/l	Quarterly	<0.00001			
	Nickel	mg/l	Quarterly	0.006			
	Potassium	mg/l	Quarterly	2.26			
	Sodium	mg/l	Quarterly	9.46			
	Zinc	mg/l	Quarterly	0.0475			
	Alkalinity as $CaCO_3$	mg/l	Quarterly	69			
	TON as N	mg/l	Quarterly	0.7			
	Sulphate	mg/l	Quarterly	21.2			
	TOC as C	mg/l	Quarterly	3.6			
	Cyanide, Total as CN	mg/l	Quarterly	<0.009			
	Phenols Mono	mg/l	Quarterly	<0.10			
	TPH >C6-C40	mg/l	Quarterly	<0.01			
	TPH >C6-C8	mg/l	Quarterly	<0.01			
	TPH> C8-C10	mg/l	Quarterly	<0.01			
	TPH> C16-C24	mg/l	Quarterly	<0.01			
	TPH> C24-C40	mg/l	Quarterly	<0.01			
	TPH> C10-C16	mg/l	Quarterly	<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 uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ...Antonio Montinaro.... Date.....27/01/2020.....

(Authorised to sign as representative of Operator)

Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Water 1 -15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
CWMS05	Cadmium	mg/l	Quarterly	<0.0006		17/12/2020	
	Calcium	mg/l	Quarterly	28.3			
	Chromium	mg/l	Quarterly	0.0032			
	Copper	mg/l	Quarterly	<0.009			
	Iron	mg/l	Quarterly	1.4			
	Lead	mg/l	Quarterly	<0.006			
	Magnesium	mg/l	Quarterly	2.7			
	Manganese	mg/l	Quarterly	0.0488			
	Mercury	mg/l	Quarterly	0.00001			
	Nickel	mg/l	Quarterly	0.0035			
	Potassium	mg/l	Quarterly	1.62			
	Sodium	mg/l	Quarterly	6.96			
	Zinc	mg/l	Quarterly	<0.018			
	Alkalinity as $CaCO_3$	mg/l	Quarterly	70.6			
	TON as N	mg/l	Quarterly	<0.7			
	Sulphate	mg/l	Quarterly	15			
	TOC as C	mg/l	Quarterly	2.6			
	Cyanide, Total as CN	mg/l	Quarterly	<0.009			
	Phenols Mono	mg/l	Quarterly	<0.02			
	TPH >C6-C40	mg/l	Quarterly	<0.02			
	TPH >C6-C8	mg/l	Quarterly	<0.02			
	TPH> C8-C10	mg/l	Quarterly	<0.02			
	TPH> C16-C24	mg/l	Quarterly	<0.02			
	TPH> C24-C40	mg/l	Quarterly	<0.02			
	TPH> C10-C16	mg/l	Quarterly	<0.02			

[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 …Beth Jones……Date……27/01/2020……..

(Authorised to sign as representative of Operator)

Permit Number: TP3835LV Operator: SI Green UK Limited

Installation: Cwmrhydyceirw Quarry Form Number: Sewer 1 - 15th October 2008

Reporting of emissions to water (other than to sewer) for the period from 01 October 2020 - 31 December 2020

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
Discharge Point to Foul Sewer Treated Leachate	Volume	0 m^3/day	Daily total m^3	0	To Be Agreed With The Agency	n/a	flow meter
	Rate of discharge	0 m^3/hour	Daily maximum				

[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 …Beth Jones…… . Date……27/01/2020……..

(Authorised to sign as representative of Operator)