

Permit Number:		TP3835LV			Operator:		SI Green UK Limited			Test method & uncertainty				
Installation:		Cwmrhydyceirw Quarry			Tables S4.1 & S4.6 and Table 3a from the Updated Management Report dated January 2021					Portable infra-red analyser. Uncertainty is the accuracy of the meter.				
Schedule 4 - Emissions and monitoring														
Reporting of ground and landfill gases for the period from					01 January 2021 - 31 March 2021									
Cwmrhydyceirw Quarry: Site Monitoring January 2021														
Borehole	Boreh on surf. (m)	Water Level (m)	Boreh Bottom (m)	Water Column (m)	CH4	CO2	CO	O2	Barom Press	Gas Pressure	Internal flow (l/h)	Bottom Bor Lev	Ground Lev (mAOD)	Wat Lev (mAOD)
Emission Limit Value					no limit set	no limit set	no limit set	no limit set						
L1C	0.49	9.22	11.93	2.71	0.1	0.1	1	20.5	1000	0.05		12.63	46.50	37.77
L3	0.44	-	10.30	#VALUE!	Blocked							10.51	46.24	#VALUE!
L6	0.92	14.23	14.23	0.00	12.9	9.0	5	6.4	1000	0.05		14.78	46.83	33.52
L9B	1.15	10.25	11.40	1.15	8.5	2.6	2	18.5	1000	0.02		12.42	46.51	37.41
L11	0.76	7.94	14.61	6.67	63.0	7.2	19	3.2	1000	-0.07		16.33	47.12	39.94
L13	0.77	-	6.80	#VALUE!	Blocked							6.80	46.98	#VALUE!
L14	0.18	3.34	3.50	0.16	0.1	0.2	0	20.4	1000	0.10		3.55	28.78	25.62
L16	0.73	9.20	12.67	3.47	48.9	15.7	15	0.4	1000	-0.02		12.05	46.90	38.43
L19	0.69	4.02	5.90	1.88	1.3	0.1	3	19.5	1000	-0.03		6.02	47.18	43.85
L21	0.23	4.60	Blocked	#VALUE!	27.4	16.4	2	5.1	1000	0.00		13.00	43.81	39.44
L23	0.29	11.20	11.40	0.20	16.9	8.8	6	2.5	1000	-0.55		11.95	45.85	34.94
L26	0.82	7.24	7.51	0.27	2.3	5.6	3	1.7	1000	0.02		7.55	43.33	36.91

GAS IN WASTE

GAS IN WASTE

Permit Number:	TP3835LV	Operator:	SI Green UK Limited	Test method & uncertainty Portable infra-red analyser. Uncertainty is the accuracy of the meter.
Installation:	Cwmrhydyceirw Quarry			
Schedule 4 - Emissions and monitoring		Tables S4.1 & S4.6 and Table 3a from the Updated Management Report dated January 2021		
Reporting of ground and landfill gases for the period from		01 January 2021 - 31 March 2021		

Cwmrhydyceirw Quarry: Site Monitoring January 2021														
	Boreh on surf. (m)	Water Level (m)	Boreh Bottom (m)	Water Column (m)										
Borehole					CH4	CO2	CO	O2	Barom Press	Gas Pressure	Internal flow (l/h)	Bottom Bor Lev	Ground Lev (mAOD)	Wat Lev (mAOD)
Emission Limit Value					1.0% vol.	no limit set	no limit set	no limit set						
LFG1	0.45	15.29	24.95	9.66	0.0	0.1	0	20.9	1000	0.15	0.3	30.38	54.88	40.04
LFG2	0.45	7.34	24.87	17.53	0.0	1.5	0	18.4	1000	-0.02	0.5	31.98	56.40	49.51
LFG3	0.45	8.57	23.60	15.03	0.0	0.8	0	20.5	1000	0.69	0.4	33.45	56.60	48.48
LFG4	0.55	4.32	6.57	2.25	0.0	5.9	0	17.4	1000	0.00	0.5	52.88	58.90	55.13
LFG5	0.40	16.55	30.45	13.90	0.0	3.0	0	6.2	999	0.02	0.4	31.88	61.93	45.78
LFG6	0.10	8.13	28.00	19.87	0.0	1.3	0	17.5	999	-0.03	0.2	34.51	62.41	54.38
LFG7BG	0.47	7.86	31.77	23.91	0.0	0.1	0	20.8	999	-0.07	0.4	30.77	62.07	54.68
LFG8	0.50	25.83	30.75	4.92	0.0	0.5	0	18.4	999	0.03	0.4	32.07	62.32	36.99
LFG9	0.47	24.95	26.47	1.52	0.0	2.7	0	4.9	999	0.21	0.3	36.21	62.21	37.73
LFG10	0.45	24.22	30.00	5.78	0.0	1.9	0	14.9	999	-0.02	0.7	32.84	62.39	38.62
LFG11	0.40	15.19	29.30	14.11	0.0	0.7	0	16.3	999	0.00	0.1	35.17	64.07	49.28
LFG11A	0.50	18.51	29.88	11.37	0.0	1.1	0	12.9	999	6.53	0.9	33.76	63.14	45.13
LFG12BG	0.45	24.83	30.95	6.12	0.0	0.2	0	20.8	998	0.09	0.1	34.11	64.61	40.23
LFG13	0.50	15.32	31.88	16.56	0.0	3.8	1	10.0	998	5.98	0.4	33.83	65.21	50.39
LFG14	0.45	14.56	31.65	17.09	0.0	0.1	1	20.6	998	7.13	0.1	35.07	66.27	52.16
LFG15	0.50	20.80	33.14	12.34	0.0	4.0	1	8.3	998	-1.05	0.1	34.67	67.31	47.01
LFG16BG	0.45	3.54	33.66	30.12	1.4	3.2	0	8.7	998	0.07	0.0	36.63	69.84	66.75
LFG17	0.41	26.67	39.36	12.69	0.0	0.4	0	17.7	998	0.00	0.2	28.49	67.44	41.18
LFG18	0.00	26.57	39.60	13.03	0.0	0.5	0	20.7	998	-0.15	0.7	30.06	69.66	43.09
LFG19	0.32	26.40	40.15	13.75	0.0	0.9	0	18.1	998	0.02	0.0	29.87	69.70	43.62
LFG20	0.33	26.51	39.77	13.26	0.0	2.5	0	8.9	998	0.03	0.6	30.51	69.95	43.77
LFG21BG	0.60	6.85	43.98	37.13	0.0	0.9	0	19.1	998	0.07	0.1	32.08	75.46	69.21
LFG22	0.45	26.00	40.05	14.05	0.0	1.3	0	10.9	998	0.19	0.6	29.60	69.20	43.65
LFG23	0.30	32.64	46.00	13.36	0.0	2.1	0	15.4	998	0.00	0.2	29.76	75.46	43.12
LFG24	0.33	6.02	45.20	39.18	0.0	1.5	0	18.6	997	0.00	0.4	28.41	73.28	67.59
LFG25	0.31	4.69	41.64	36.95	0.0	1.2	0	18.5	997	0.12	1.7	30.17	71.50	67.12
LFG26	0.30	4.96	39.08	34.12	0.0	7.0	1	0.4	997	12.46	3.4	30.73	69.51	64.85
LFG27	0.25	5.84	35.38	29.54	0.0	2.9	0	13.7	997	-0.03	0.5	32.71	67.84	62.25
LFG28	0.50	1.01	28.88	27.87	0.0	0.7	0	20.3	997	0.03	1.8	38.66	67.04	66.53
LFG29BG	0.25	2.20	35.59	33.39	0.0	0.1	0	20.7	997	0.12	0.3	31.32	66.66	64.71
LFG30	0.58	16.20	35.61	19.41	0.0	2.9	0	14.4	998	0.02	0.5	31.07	66.10	50.48
LFG31	0.50	26.02	32.58	6.56	0.0	0.5	0	17.6	998	0.00	0.2	32.25	64.33	38.81
LFG32BG	0.40	26.80	32.00	5.20	0.1	0.1	0	21.0	998	0.03	0.5	33.44	65.04	38.64
LFG33	0.60	-	36.00	#VALUE!	Missing							30.69	66.09	#VALUE!
LFG34	0.50	28.29	33.88	5.59	0.0	0.6	0	20.7	999	0.21	0.0	29.74	63.12	35.33
LFG35	0.50	20.06	31.60	11.54	0.0	0.5	0	20.1	999	0.07	0.2	30.50	61.60	42.04
LFG36	0.50	11.20	22.67	11.47	0.1	0.6	0	16.1	999	0.17	0.0	38.09	60.26	49.56
LFG37	0.45	5.85	30.00	24.15	0.0	0.1	0	20.8	999	0.10	0.0	30.41	59.96	54.56
LFG38	0.45	18.22	24.86	6.64	0.0	0.1	0	20.9	999	0.02	0.2	30.83	55.24	37.47
LFG39	0.53	10.87	15.39	4.52	0.0	1.0	0	19.2	1000	-0.05	0.3	29.71	44.57	34.23
LFG40	0.46	10.03	14.79	4.76	0.0	0.7	0	20.3	1000	-0.09	0.5	30.74	45.07	35.50
LFG41	0.54	8.99	14.27	5.28	0.0	5.6	0	10.8	1000	7.97	1.2	31.33	45.06	36.61
LFG42	0.47	4.95	15.22	10.27	0.0	0.7	0	18.6	1000	0.07	0.1	30.90	45.65	41.17
LFG43	0.46	26.57	36.79	10.22	0.0	5.4	0	8.0	997	0.24	0.3	30.29	66.62	40.51
LFG44	0.37	5.61	33.25	27.64	0.0	1.0	0	19.3	998	-0.03	0.4	31.88	64.76	59.52
LFG45	0.31	19.66	31.68	12.02	0.0	0.1	0	21.0	998	-0.03	0.1	30.15	61.52	42.17
LFG46	0.43	20.78	32.92	12.14	0.0	0.6	0	20.4	999	0.05	0.2	30.05	62.54	42.19
LFG47	0.39	5.42	32.11	26.69	0.0	1.2	0	10.7	999	0.05	0.3	31.56	63.28	58.25
LFG48	0.03	9.90	21.67	11.77	0.0	0.0	0	20.1	999	0.10	-0.5	30.48	52.12	42.25

GAS EXTERNAL WASTE

GAS EXTERNAL WASTE

[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...30/04/2021
(Authorised to sign as representative of Operator)

Permit Number:		TP3835LV			Operator:		SI Green UK Limited			Test method & uncertainty				
Installation:		Cwmrhydyceirw Quarry			Tables S4.1 & S4.6 and Table 3a from the Updated Management Report dated January 2021					Portable infra-red analyser. Uncertainty is the accuracy of the meter.				
Schedule 4 - Emissions and monitoring														
Reporting of ground and landfill gases for the period from					01 January 2021 - 31 March 2021									
Cwmrhydyceirw Quarry: Site Monitoring February 2021														
Borehole	Boreh on surf. (m)	Water Level (m)	Boreh Bottom (m)	Water Column (m)	CH4	CO2	CO	O2	Barom Press	Gas Pressure	Internal flow (l/h)	Bottom Bor Lev	Ground Lev (mAOD)	Wat Lev (mAOD)
Emission Limit Value					no limit set	no limit set	no limit set	no limit set						
L1C	0.49	9.25	11.93	2.68	0.0	0.1	0	20.8	1003	-0.05		12.63	46.50	37.74
L3	0.44	-	10.30	#VALUE!	Blocked							10.51	46.24	#VALUE!
L6	0.92	12.24	14.23	1.99	0.0	0.1	0	22.3	1003	-0.03		14.78	46.83	35.51
L9B	1.15	10.52	11.40	0.88	0.7	0.2	3	21.0	1003	-0.03		12.42	46.51	37.14
L11	0.76	8.61	14.61	6.00	57.6	6.9	13	5.3	1003	-0.02		16.33	47.12	39.27
L13	0.77	-	6.80	#VALUE!	Blocked							6.80	46.98	#VALUE!
L14	0.18	3.23	3.50	0.27	0.0	0.1	0	20.8	1004	-0.03		3.55	28.78	25.73
L16	0.73	9.94	12.67	2.73	0.6	0.1	0	20.7	1003	-0.10		12.05	46.90	37.69
L19	0.69	5.77	5.90	0.13	0.7	0.2	3	21.0	1003	-0.03		6.02	47.18	42.10
L21	0.23	4.62	Blocked	#VALUE!	0.0	0.1	0	20.9	1003	0.00		13.00	43.81	39.42
L23	0.29	11.03	11.40	0.37	0.0	0.1	1	22.2	1003	-0.03		11.95	45.85	35.11
L26	0.82	7.34	7.51	0.17	0.0	0.1	0	22.3	1004	0.00		7.55	43.33	36.81

GAS IN WASTE

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Permit Number:		TP3835LV			Operator:		SI Green UK Limited			Test method & uncertainty				
Installation:		Cwmrhydyceirw Quarry			Tables S4.1 & S4.6 and Table 3a from the Updated Management Report dated January 2021							Portable infra-red analyser. Uncertainty is the accuracy of the meter.		
Schedule 4 - Emissions and monitoring														
Reporting of ground and landfill gases for the period from														
Cwmrhydyceirw Quarry: Site Monitoring February 2021														
Borehole	Boreh on surf. (m)	Water Level (m)	Boreh Bottom (m)	Water Column (m)	CH4	CO2	CO	O2	Barom Press	Gas Pressure	Internal flow (l/h)	Bottom Bor Lev	Ground Lev (mAOD)	Wat Lev (mAOD)
Emission Limit Value					1.0% vol.	no limit set	no limit set	no limit set						
LFG1	0.45	16.52	24.95	8.43	0.0	0.1	0	20.8	1002	0.00	0.2	30.38	54.88	38.81
LFG2	0.45	7.87	24.87	17.00	0.0	1.2	0	18.6	1002	-0.02	0.3	31.98	56.40	48.98
LFG3	0.45	18.58	23.60	5.02	0.0	0.1	0	20.9	1002	-0.03	0.2	33.45	56.60	38.47
LFG4	0.55	5.13	6.57	1.44	0.0	6.2	0	17.0	1002	-0.07	0.4	52.88	58.90	54.32
LFG5	0.40	16.95	30.45	13.50	0.0	3.0	0	7.7	1002	-0.53	0.3	31.88	61.93	45.38
LFG6	0.10	7.47	28.00	20.53	0.0	0.2	0	20.7	1001	0.15	0.2	34.51	62.41	55.04
LFG7BG	0.47	8.44	31.77	23.33	0.0	0.2	0	20.4	1000	0.14	0.2	30.77	62.07	54.10
LFG8	0.50	26.03	30.75	4.72	0.1	0.3	0	19.8	1001	0.15	0.2	32.07	62.32	36.79
LFG9	0.47	25.12	26.47	1.35	0.0	3.7	0	5.5	1000	0.22	0.2	36.21	62.21	37.56
LFG10	0.45	23.53	30.00	6.47	0.0	1.8	0	17.5	1000	0.07	0.5	32.84	62.39	39.31
LFG11	0.40	15.95	29.30	13.35	0.0	1.7	0	9.0	1000	0.07	1.5	35.17	64.07	48.52
LFG11A	0.50	21.47	29.88	8.41	0.0	0.4	0	19.6	1000	0.09	-0.3	33.76	63.14	42.17
LFG12BG	0.45	25.78	30.95	5.17	0.0	6.4	0	4.2	1001	0.10	0.3	34.11	64.61	39.28
LFG13	0.50	17.67	31.88	14.21	0.0	3.8	0	13.0	1001	-3.36	1.7	33.83	65.21	48.04
LFG14	0.45	16.90	31.65	14.75	0.0	1.8	0	11.9	1000	-0.02	0.2	35.07	66.27	49.82
LFG15	0.50	22.52	33.14	10.62	0.0	4.8	0	7.6	1001	0.27	-0.5	34.67	67.31	45.29
LFG16BG	0.45	6.75	33.66	26.91	0.9	2.2	0	13.3	1000	-0.02	1.0	36.63	69.84	63.54
LFG17	0.41	26.93	39.36	12.43	0.0	0.4	0	16.8	1000	0.00	0.0	28.49	67.44	40.92
LFG18	0.00		39.60	39.60	0.0	0.1	0	20.7	1000	0.02	0.0	30.06	69.66	69.66
LFG19	0.32	26.82	40.15	13.33	0.0	1.0	0	14.9	1000	-0.02	0.1	29.87	69.70	43.20
LFG20	0.33	26.74	39.77	13.03	0.0	0.2	0	20.7	1000	-0.09	0.4	30.51	69.95	43.54
LFG21BG	0.60	8.77	43.98	35.21	0.0	0.1	0	21.8	1011	0.03	0.3	32.08	75.46	67.29
LFG22	0.45	26.32	40.05	13.73	0.0	2.2	0	5.2	1000	0.12	0.4	29.60	69.20	43.33
LFG23	0.30	32.86	46.00	13.14	0.0	0.1	0	20.9		0.00	0.2	29.76	75.46	42.90
LFG24	0.33	7.07	45.20	38.13	0.0	2.8	0	15.0	1012	-0.09	0.3	28.41	73.28	66.54
LFG25	0.31	10.38	41.64	31.26	0.0	0.1	0	21.1	1012	0.05	0.1	30.17	71.50	61.43
LFG26	0.30	5.10	39.08	33.98	0.0	6.8	1	2.3		8.76	2.1	30.73	69.51	64.71
LFG27	0.25	6.96	35.38	28.42	0.0	0.6	0	18.6	1012	-0.02	0.4	32.71	67.84	61.13
LFG28	0.50	1.08	28.88	27.80	0.0	0.3	0	20.6	1013	0.07	2.0	38.66	67.04	66.46
LFG29BG	0.25	2.32	35.59	33.27	0.0	0.1	0	20.6	1012	0.07	0.3	31.32	66.66	64.59
LFG30	0.58	12.88	35.61	22.73	0.0	3.3	0	14.8	1013	0.03	0.3	31.07	66.10	53.80
LFG31	0.50	27.98	32.58	4.60	0.0	0.4	0	20.5	1013	0.03	0.0	32.25	64.33	36.85
LFG32BG	0.40	22.41	32.00	9.59	0.6	0.8	0	18.3	1013	-1.35	0.6	33.44	65.04	43.03
LFG33	0.60	-	36.00	#VALUE!	Missing							30.69	66.09	#VALUE!
LFG34	0.50	28.77	33.88	5.11	0.0	0.3	0	20.5	1013	-1.30	1.0	29.74	63.12	34.85
LFG35	0.50	20.41	31.60	11.19	0.1	1.7	0	15.2	1013	-0.02	0.2	30.50	61.60	41.69
LFG36	0.50	11.63	22.67	11.04	0.1	0.1	1	20.8	1013	0.09	0.4	38.09	60.26	49.13
LFG37	0.45	5.57	30.00	24.43	0.0	0.9	0	20.7	1013	0.12	0.2	30.41	59.96	54.84
LFG38	0.45	18.55	24.86	6.31	0.0	0.7	0	20.2	1002	0.07	0.5	30.83	55.24	37.14
LFG39	0.53	11.23	15.39	4.16	0.0	0.9	0	19.3	1001	-0.07	1.4	29.71	44.57	33.87
LFG40	0.46	10.22	14.79	4.57	0.0	0.7	0	20.7	1003	-0.03	0.5	30.74	45.07	35.31
LFG41	0.54	9.85	14.27	4.42	0.0	4.5	0	13.3	1003	-6.56	1.3	31.33	45.06	35.75
LFG42	0.47	6.11	15.22	9.11	0.0	1.2	0	20.2	1003	0.38	0.4	30.90	45.65	40.01
LFG43	0.46	26.81	36.79	9.98	0.0	0.3	0	20.1	1013	-1.17	-0.4	30.29	66.62	40.27
LFG44	0.37	5.71	33.25	27.54	0.0	0.8	0	18.7	1013	0.02	0.3	31.88	64.76	59.42
LFG45	0.31	20.03	31.68	11.65	0.0	3.1	0	18.5	1014	0.00	0.1	30.15	61.52	41.80
LFG46	0.43	20.66	32.92	12.26	0.0	8.2	0	9.2	1013	-0.53	0.1	30.05	62.54	42.31
LFG47	0.39	6.42	32.11	25.69	0.1	0.2	0	20.7	1013	0.03	-0.1	31.56	63.28	57.25
LFG48	0.03	10.23	21.67	11.44	0.0	0.4	0	19.1	1002	-3.82	0.4	30.48	52.12	41.92

GAS EXTERNAL WASTE

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- [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...30/04/2021
(Authorised to sign as representative of Operator)

Permit Number:		TP3835LV			Operator:		SI Green UK Limited			Test method & uncertainty Portable infra-red analyser. Uncertainty is the accuracy of the meter.						
Installation:		Cwmrhydyceirw Quarry														
Schedule 4 - Emissions and monitoring					Tables S4.1 & S4.6 and Table 3a from the Updated Management Report dated January 2021											
Reporting of ground and landfill gases for the period from					01 January 2021 - 31 March 2021											
Cwmrhydyceirw Quarry: Site Monitoring March 2021																
Borehole	Boreh on surf. (m)	Water Level (m)	Boreh Bottom (m)	Water Column (m)	CH4	CO2	CO	O2	Barom Press	Gas Pressure	Internal flow (l/h)	Bottom Bor Lev	Ground Lev (mAOD)	Wat Lev (mAOD)		
Emission Limit Value					no limit set	no limit set	no limit set	no limit set								
L1C	0.49	9.30	11.93	2.63	16.7	4.9	3	14.6	1024	0.15		12.63	46.50	37.69		
L3	0.44	-	10.30	#VALUE!	Blocked							10.51	46.24	#VALUE!		
L6	0.92	11.21	14.23	3.02	12.4	6.9	10	7.3	1024	-0.03		14.78	46.83	36.54		
L9B	1.15	10.50	11.40	0.90	5.3	1.7	1	18.7	1024	0.00		12.42	46.51	37.16		
L11	0.76	8.54	14.61	6.07	63.5	7.0	25	2.9	1024	0.02		16.33	47.12	39.34		
L13	0.77	-	6.80	#VALUE!	Blocked							6.80	46.98	#VALUE!		
L14	0.18	3.34	3.50	0.16	0.0	0.3	0	20.3	1025	-0.02		3.55	28.78	25.62		
L16	0.73	10.30	12.67	2.37	30.2	9.4	6	15.2	1024	-0.03		12.05	46.90	37.33		
L19	0.69	5.86	5.90	0.04	5.3	0.4	5	16.7	1024	-0.03		6.02	47.18	42.01		
L21	0.23	4.63	Blocked	#VALUE!	0.3	0.2	0	20.7	1024	-0.03		13.00	43.81	39.41		
L23	0.29	11.38	11.40	0.02	7.1	2.9	5	14.2	1024	-0.02		11.95	45.85	34.76		
L26	0.82	7.40	7.51	0.11	0.0	0.1	1	21.1	1025	0.00		7.55	43.33	36.75		

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Schedule 4 - Emissions and monitoring		Tables S4.1 & S4.6 and Table 3a from the Updated Management Report dated January 2021		
Reporting of ground and landfill gases for the period from		01 January 2021 - 31 March 2021		

Cwmrhydyceirw Quarry: Site Monitoring March 2021														
	Boreh on surf. (m)	Water Level (m)	Boreh Bottom (m)	Water Column (m)										
Borehole					CH4	CO2	CO	O2	Barom Press	Gas Pressure	Internal flow (l/h)	Bottom Bor Lev	Ground Lev (mAOD)	Wat Lev (mAOD)
Emission Limit Value					1.0% vol.	no limit set	no limit set	no limit set						
LFG1	0.45	18.61	24.95	6.34	0.0	0.1	0	20.8	1023	0.03	0.3	30.38	54.88	36.72
LFG2	0.45	8.18	24.87	16.69	0.0	1.2	0	17.6	1023	0.02	0.5	31.98	56.40	48.67
LFG3	0.45	19.97	23.60	3.63	0.0	0.4	0	20.8	1023	0.31	0.5	33.45	56.60	37.08
LFG4	0.55	5.11	6.57	1.46	0.0	5.3	0	16.6	1023	0.07	0.3	52.88	58.90	54.34
LFG5	0.40	20.10	30.45	10.35	0.0	3.7	0	12.2	1023	0.17	0.5	31.88	61.93	42.23
LFG6	0.10	9.40	28.00	18.60	0.0	0.2	0	20.6	1023	-0.05	0.3	34.51	62.41	53.11
LFG7BG	0.47	9.90	31.77	21.87	0.0	0.0	0	20.9	1023	0.09	0.4	30.77	62.07	52.64
LFG8	0.50	26.54	30.75	4.21	0.0	0.2	0	19.8	1023	0.14	0.1	32.07	62.32	36.28
LFG9	0.47	25.70	26.47	0.77	0.1	2.0	1	6.3	1023	-0.05	0.3	36.21	62.21	36.98
LFG10	0.45	25.18	30.00	4.82	0.0	1.7	0	17.2	1023	-0.03	0.5	32.84	62.39	37.66
LFG11	0.40	17.19	29.30	12.11	0.0	0.5	0	14.5	1022	-0.03	-1.7	35.17	64.07	47.28
LFG11A	0.50	22.89	29.88	6.99	0.0	0.8	0	14.1	1022	0.07	-0.3	33.76	63.14	40.75
LFG12BG	0.45	26.02	30.95	4.93	0.0	3.7	0	5.6	1022	-0.07	0.2	34.11	64.61	39.04
LFG13	0.50	19.05	31.88	12.83	0.0	3.5	0	16.6	1022	0.48	1.7	33.83	65.21	46.66
LFG14	0.45	20.28	31.65	11.37	0.0	2.2	0	14.5	1022	-0.05	0.1	35.07	66.27	46.44
LFG15	0.50	24.67	33.14	8.47	0.0	4.0	0	7.0	1022	0.36	0.1	34.67	67.31	43.14
LFG16BG	0.45	13.94	33.66	19.72	0.4	1.9	0	14.3	1021	0.02	-1.9	36.63	69.84	56.35
LFG17	0.41	27.97	39.36	11.39	0.0	0.3	0	18.0	1022	-0.03	0.2	28.49	67.44	39.88
LFG18	0.00	24.33	39.60	15.27	0.1	2.3	0	9.2	1021	0.02	-0.1	30.06	69.66	45.33
LFG19	0.32	27.64	40.15	12.51	0.0	0.1	0	21.0	1021	0.02	0.4	29.87	69.70	42.38
LFG20	0.33	27.69	39.77	12.08	0.0	0.1	0	20.9	1021	0.09	0.5	30.51	69.95	42.59
LFG21BG	0.60	11.12	43.98	32.86	0.0	0.1	0	20.8	1021	-0.03	0.2	32.08	75.46	64.94
LFG22	0.45	26.70	40.05	13.35	0.0	1.7	0	16.6	1021	0.10	0.5	29.60	69.20	42.95
LFG23	0.30	33.35	46.00	12.65	0.0	0.6	0	19.0	1020	0.02	0.2	29.76	75.46	42.41
LFG24	0.33	7.59	45.20	37.61	0.0	0.2	0	20.4	1021	0.03	0.3	28.41	73.28	66.02
LFG25	0.31	14.38	41.64	27.26	0.0	0.5	0	19.7	1021	0.09	0.2	30.17	71.50	57.43
LFG26	0.30	5.63	39.08	33.45	0.0	6.0	1	0.4	1021	1.25	-5.0	30.73	69.51	64.18
LFG27	0.25	15.31	35.38	20.07	0.0	3.9	0	11.4	1021	-0.02	-1.0	32.71	67.84	52.78
LFG28	0.50	2.82	28.88	26.06	0.0	0.8	0	19.6	1021	-0.02	-0.5	38.66	67.04	64.72
LFG29BG	0.25	2.65	35.59	32.94	0.0	0.1	0	20.9	1021	0.14	0.0	31.32	66.66	64.26
LFG30	0.58	12.82	35.61	22.79	0.0	1.7	0	16.8	1021	0.00	0.2	31.07	66.10	53.86
LFG31	0.50	29.66	32.58	2.92	0.0	0.1	0	20.7	1022	0.05	0.0	32.25	64.33	35.17
LFG32BG	0.40	14.00	32.00	18.00	0.0	0.7	0	18.8	1022	0.14	-0.1	33.44	65.04	51.44
LFG33	0.60	-	36.00	#VALUE!	Missing							30.69	66.09	#VALUE!
LFG34	0.50	29.24	33.88	4.64	0.0	0.4	0	20.7	1022	0.03	-1.0	29.74	63.12	34.38
LFG35	0.50	23.63	31.60	7.97	0.0	2.2	0	11.9	1022	0.02	0.3	30.50	61.60	38.47
LFG36	0.50	13.27	22.67	9.40	0.1	0.4	0	19.0	1022	0.10	0.0	38.09	60.26	47.49
LFG37	0.45	5.36	30.00	24.64	0.1	0.7	0	17.7	1023	0.05	0.2	30.41	59.96	55.05
LFG38	0.45	18.70	24.86	6.16	0.0	0.6	0	18.2	1022	0.09	0.3	30.83	55.24	36.99
LFG39	0.53	11.79	15.39	3.60	0.0	2.2	0	16.9	1024	0.00	1.3	29.71	44.57	33.31
LFG40	0.46	10.67	14.79	4.12	0.0	0.5	0	20.6	1024	-0.05	0.4	30.74	45.07	34.86
LFG41	0.54	10.80	14.27	3.47	0.0	1.8	0	18.0	1024	-14.60	-9.7	31.33	45.06	34.80
LFG42	0.47	7.74	15.22	7.48	0.0	0.2	0	20.7	1024	0.21	0.3	30.90	45.65	38.38
LFG43	0.46	29.59	36.79	7.20	0.0	3.6	0	13.8	1021	-0.03	0.0	30.29	66.62	37.49
LFG44	0.37	5.99	33.25	27.26	0.1	0.2	0	20.7	1022	0.10	0.4	31.88	64.76	59.14
LFG45	0.31	21.25	31.68	10.43	0.0	1.3	0	19.2	1022	-0.09	0.3	30.15	61.52	40.58
LFG46	0.43	21.28	32.92	11.64	0.0	9.5	1	5.1	1022	0.00	0.0	30.05	62.54	41.69
LFG47	0.39	9.55	32.11	22.56	0.0	0.3	0	20.7	1022	0.21	0.3	31.56	63.28	54.12
LFG48	0.03	10.39	21.67	11.28	0.0	0.1	0	20.7	1025	0.02	-0.3	30.48	52.12	41.76

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