

Day Monday & Tuesday  
Date 07/08<sup>th</sup> March 2016

NOTE: Flow sampling tube is damaged

Weather as per Met Eireann:

Location	Wind		Weather	Temp °C	Humidity (%)	Rain (mm)	Pressure (hPa)	
	Dir	Speed (Kts)						
Accuweather (Enniskerry)	NNW	15km/h	Mostly cloudy with some rain	3 to 7		1	1004/1005	Monday
Met Eireann (Dub Airport)		9.2	Cloudy			4.1	996	Tuesday

	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H <sub>2</sub> S (ppm)	CO(ppm)	LEL	PID	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady								
<b>Site 1</b>														
<i>Onsite</i>														
LG 11		0	1.4	6.2		9.4	0.082	0.0	10.0	32.7	1.7	0.32	13	
LG 12		0	0.0	6.1		12.7	0.022	0.0	0.0	0.0	1	0.25	12	
LG 13		0	2.1	4.7		14.1	0.114	0.0	0.0	47.9	2.1	0.36	9	
<i>Offsite</i>														
G06	1.8	0.4	16.7	7.6		0.3	0.429	0.0	0.0	>>>	>>	0.21	11	
G07	7.1	6.9	0.0	2.1		17.1	0.011	0.0	0.0	0.0	1	0.2	14	
G08	6.5	6.3	0.0	0.3		19.9	0.011	0.0	0.0	0.0	1	0.26	14	
G10		0	0.0	0.8		19.2	0.011	0.0	0.0	0.0	1	0.12	18	
G18		0	0.0	0.2		19.7	0.014	0.0	0.0	0.0	1	0.13	14	
G19	0.4	0	0.0	0.2		20.0	0.014	0.0	0.0	0.0	1	0.2	14	
BH05		0	0.0	0.0		20.5	0.012	0.0	0.0	0.0	1	0.21	29	
<b>Site 2</b>														
<i>Onsite</i>														
LG 01													5	No gas tap
LG 02		0	0.0	0.0		20.0	0.015	0.0	0.0	0.0	1	0.18	9	
LG 03	1.8	0	59.6	20.4		1.0	0.833	0.0	0.0	>>>		0.16	18	
LG 04												0.1	15	Could not open
LG 05	0.9	-4.2	52.9*	23.5		2.3	0.008	0.0	0.0	>>>	>>	0.1	14	Stopped at 5mins
LG 06		0	6.8*	3.6		17.8	0.264	0.0	0.0	>>>	5.3	0.33	6.4	stopped at 6mins
LG 07	0.4	0	9.2*	2.2		16.0	0.003	0.0	0.0	>>>	8		17	stopped at 5mins
LG 08	0.9	0.4	31.4*	16.7		8.6	0.006	0.0	0.0	>>>	>>	0.1	8	Stopped at 5mins
LG 09	1.8	0	0.0	0.1		20.3	0.016	0.0	0.0	0.0	1	0.1	17	
LG 10	0	0	4.8	2.3		18.6	0.213	0.0	0.0	>>>	3.8	0.22	18	Stopped at 5mins
<i>Offsite</i>														
G01		-3.4	0.0	0.0		20.3	0.014	0.0	0.0	0.0	1	0.44	17.1	
G02	3.9	0	0.0	0.0		20.3	20.1	0.015	0.0	0.0	1	ground level	19.5	
G03	1	0	0.0	0.0		20.3	20.2	0.014	0.0	0.0	1	0.15	19.5	
G04	0.4	0	0.0	1.2		14.2	0.016	0.0	0.0	0.0	1	0.35	20	
G05												0.1	20	No gas tap
G13	3.1	-3.6	0.0	0.0		20.0	0.016	0.0	0.0	0.0	1	0.16	20	
G20		0	0.0	0.0		20.1	0.015	0.0	0.0	0.0	1	0.28	20	
G21	4.6	range -0.5 to -3.4	0.0	0.1		20.3	20.0	0.015	0.0	0.0	1	0.43	17	
G22	20	19.8	0.0	0.0		20.0	19.8	0.017	0.0	0.0	1	0.33	15	
G23	-1	-6.3	0.0	0.0		20.0	0.016	0.0	0.0	0.0	1	0.1	20	Gas tap open
G24	1.6	-9.4	0.0	0.0		20.0	0.015	0.0	0.0	0.0	1	0.1	20	
G25	0	-0.1	0.0	0.0		20.0	0.021	0.0	0.0	0.0	1	0.3	20	
BH01		0	0.0	0.0		20.1	0.017	0.0	0.0	0.0	1	0.22	21	
BH03	0	-3.8	0.0	0.0		20.3	20.1	0.014	0.0	0.0	1	0.1	19.5	
BH04	0.4	-11.7	0.0	0.0		20.1	0.015	0.0	0.0	0.0	1	0.27	25.5	
BH11	3.5	-6.4	0.0	0.0		20.4	20.1	0.015	0.0	0.0	1	0.12	33	
BH13		0	0.0	0.1		20.0	0.021	0.0	0.0	0.0	1	-0.1	19.5	

	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H <sub>2</sub> S (ppm)	CO(ppm)	LEL	PID	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady								
<b>Site 3A</b>														
<i>Onsite</i>														
LG 15	6.4	5.8	54.7	23.3		-0.2	0.835	0.0	0.0	>>>	>>	0.2	8	Odour noted
LG 19	45.6	45	69.8	30.4		-0.2	0.989	0.0	0.0	>>>	>>	0.36	15	Odour noted
LG 20	7.6	7.5	51.7	27.3		2.6	0.806	0.0	0.0	>>>	>>	0.49	12	
MW3 (25 dia. Pipe)			69.1	31.3		-0.3	0.981	0.0	0.0	>>>	>>	~0.5	11	No gas tap
MW3 (50 dia. Pipe)			5.6	2.4		18.2	0.236	0.0	0.0	>>>	4.3	1.04	18.1	Gas tap broken - no flow taken
MW4	44.8	43.5	71.5	28.5		-0.3	0.998	0.0	0.0	>>>	>>	1	10	Odour noted
<i>Offsite</i>														
G12	0.4	0	0.0	0.0		20.6	0.016	0.0	0.0	0.0	1	0.2	14	
G14		0	0.0	1.1		18.1	0.014	0.0	0.0	0.0	1	0.38	14	
BH07	1.6	0.6	0.0	1.1		17.9	0.014	0.0	0.0	0.0	1	0.26	21	
BH09	1.9	0	0.0	0.9		16.7	0.015	0.0	0.0	0.0	1	0.19	12	
BH10	2.2	1.6	0.0	0.9		18.4	0.016	0.0	0.0	0.0	1	0.19	14	
<b>Site 3B</b>														
<i>Onsite</i>														
LG 16	3.4	3.3	70.1	29.9		-0.1	0.976	0.0	0.0	>>>	>>	0.24	3.5	
LG 17			65.1	34.2		-0.2	0.931	0.0	10.0	>>>	>>	0.26	3.9	No gas tap therefore no flow taken. Sample taken with cap removed
LG 21			63.0	36.6		-0.2	0.912	0.0	0.0	>>>	>>	0.28	4	No gas tap - no flow. Sample taken with tap off
<i>Offsite</i>														
G15		0	0.0	1.7		18.0	0.014	0.0	0.0	0.0	1	0.28	6	
G16		0	0.0	0.7		19.4	0.015	0.0	0.0	0.0	1	0.34	6	
G17		0	0.0	0.8		18.4	0.015	0.0	0.0	0.0	1	0.37	6	
BH08		0	0.0	3.1		16.1	0.018	0.0	0.0	0.0	1	0.8	13.5	
<b>Site 3C</b>														
<i>Onsite</i>														
MW2			25.8	12.3		12.4	0.542	0.0	0.0	>>>	>>	0.75	5	Old corroded gas tap. Rubber bung taken off when monitoring. Odour noted
LG 14	2.8	0.6	73.0	26.3		-0.1	0.997	0.0	0.0	>>>	>>	0.37	12	Flow still fluctuating. Odour noted
LG 18	2.1	1	68.2	31.9		-0.2	0.977	25.0	0.0	>>>	>>	0.38	10	Tap open - closed and left for 10mins and then measurements taken. Odour noted
<i>Offsite</i>														
G09	0.3	0	12.9	8.1		20.1	0.374	0.0	0.0	>>>	>>	0.42	14	
G11		0	0.0	0.1		20.1	0.013	0.0	0.0	0.0	1	0.27	15	
BH06		0	12.8	12.9		4.5	0.373	0.0	0.0	>>>	>>	ground level	14	

Day Tuesday & Wednesday  
Date 15/16<sup>th</sup> March 2016

Weather as per Met Eireann:

Location	Wind		Weather	Temp	Humidity	Rain	Pressure (measured on site)									
	Dir	Speed (Kts)					Morning   Evening									
							(hPa)									
Accuweather (Enniskerry)	E	10mph	cloudy, mild, dry	9.00	62	0	1018									Tuesday
Met Eireann (Dublin Airport)	NE	12Kts	Cloudy	8	81	0	1020	1020								Wednesday
	Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes	
	Peak	Steady			Peak	Steady										
<b>Site 1</b>																
<i>Onsite</i>																
LG 11		0	0.0	0.7	20.1	19.2	0.021	0.0	0.0	0.0	1	11.77	0.32	13		
LG 12		0	0.0	1.9	18.9	18.7	0.012	0.0	0.0	0.0	1	dry	0.25	12		
LG 13		0	0.6	2.4	19.9	16.8	0.049	0.0	0.0	14.6	1.2	9.47	0.36	9		
<i>Offsite</i>																
G06	0.9	0	14.1	8.1		-0.3	0.389	0.0	0.0	>>>	>>	dry	0.21	11	silty	
G07	0	-0.3 to -0.7	0.0	0.0		20.2	0.014	0.0	0.0	0.0	1	dry	0.2	14		
G08		-3.1	0.0	0.1		20.2	0.013	0.0	0.0	0.0	1	dry	0.26	14	sand	
G10		0	0.0	0.9		18.8	0.013	0.0	0.0	0.0	1	9.22	0.12	18		
G18		0	0.0	0.3		19.8	0.013	0.0	0.0	0.0	1	dry	0.13	14		
G19		0	0.0	0.5		19.4	0.013	0.0	0.0	0.0	1	7.94	0.2	14		
BH05	1.6	0	0.0	0.0		20.2	0.014	0.0	0.0	0.0	1	20.43	0.21	29		
<b>Site 2</b>																
<i>Onsite</i>																
LG 01	0.1	0	15.3	8.8	19.1	3.1	0.407	0.0	0.0	>>>	>>	4.23		5		
LG 02	2.8	2.4	51.3	21.1		1.5	0.794	0.0	0.0	>>>	>>	8.1	0.18	9		
LG 03	4	4	62.9	19.6		0.4	0.902	0.0	0.0	>>>	>>	12.93	0.16	18		
LG 04		0	5.0	5.1		13.4	0.218	0.0	10.0	>>>	3.9	11.92	0.1	15		
LG 05	6.5	6.3	66.1	27.1		-0.2	0.929	0.0	0.0	>>>	>>	13.91	0.1	14		
LG 06	2.8	2.7	56.7	26.9	17.7	1.7	0.846	0.0	0.0	>>>	>>	cap stuck no wl reading	0.33	6.4		
LG 07	2.1	1.5/1.6 (fluctuating)	22.2	7.3		11.6	0.492	0.0	0.0	>>>	>>	~10.4		17	leachate - reading inconsistent	
LG 08	4.3	4	42.4	22.8		3.5	0.701	0.0	0.0	>>>	>>	~7.73	0.1	8	leachate - reading inconsistent	
LG 09	0.9	0	1.9	1.9		18.3	0.108	0.0	0.0	>>>	1	~9.75	0.1	17	leachate - reading inconsistent	
LG 10	3.9	3.5	52.4	23.4	17.3	0.1	0.804	0.0	0.0	>>>	>>	~12.2	0.22	18	leachate - reading inconsistent	
<i>Offsite</i>																
G01		0	0.0	0.2	20.3	19.9	0.014	0.0	0.0	0.0	1	dry	0.44	17.1	sand on probe	
G02	3.3	3.2	0.0	2.1 (still rising)	19.7	16.9	0.013	0.0	0.0	0.0	1	dry	ground level	19.5		
G03	4.2	4	0.2	3.4	16.4	12.4	0.038	0.0	0.0	5.2	1	dry	0.15	19.5		
G04	0.1	0	0.0	1.7		11.8	0.014	0.0	0.0	0.0	1	8.76	0.35	20		
G05		0	0.0	0.1		20.4	0.014	0.0	0.0	0.0	1	16.06	0.1	20		
G13	5.8	5.6	0.0	0.2	20.2	19.9	0.014	0.0	0.0	0.0	1	dry	0.16	20		
G20		0	0.0	0.1		20.2	0.014	0.0	0.0	0.0	1	14.43	0.28	20		
G21		0	0.0	0.4	20.0	19.8	0.015	0.0	0.0	0.0	1	dry	0.43	17		
G22		0	0.0	0.5	19.9	19.1	0.013	0.0	0.0	0.0	1		0.33	15	gas tap stuck	
G23	3.5	3.4	0.0	0.5	20.0	19.6	0.012	0.0	0.0	0.0	1		0.1	20	gas tap stuck	
G24	7.9	7.4	0.0	0.9		18.3	0.012	0.0	0.0	0.0	1	dry	0.1	20		
G25		0	13.4	2.6		14.1	0.378	0.0	0.0	0.0	1	dry	0.3	20		
BH01		0	0.0	0.0		20.1	0.014	0.0	0.0	0.0	1	14.38	0.22	21		
BH03	6	5.8	1.0	1.6	18.8	17.5	6.400	0.0	0.0	23.8	1.5	dry	0.1	19.5		
BH04	0	-3.3	0.0	0.0		20.1	0.015	0.0	0.0	0.0	1	dry	0.27	25.5	probe silty	
BH11	6.9	6.3	16.3	13.3	12.4	3.0	0.420	0.0	0.0	>>>	>>	dry	0.12	33		
BH13	2.4	1.5	19.2	7.4		-0.3	0.456	0.0	0.0	>>>	>>	dry	-0.1	19.5		

	Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H2S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (m bgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 3A</b>															
<i>Onsite</i>															
LG 15	3.3	1.5	54.5	24.6		-0.3	0.826	0.0	0.0	>>>	>>	7.08	0.2	8	
LG 19	31.3	29.4	70.1	30.2		-0.3	0.989	0.0	0.0	>>>	>>	14.48	0.36	15	
LG 20	4.2	4	61.7	31.1		-0.1	0.892	0.0	0.0	>>>	>>	dry	0.49	12	
MW3 (25 dia. Pipe)			69.6	30.7		-0.3	0.980	25.0	0.0	>>>	>>		~0.5	11	unable to take flow measurement due to sample tube not long enough
MW3 (50 dia. Pipe)													1.04	18.1	not sampled
MW4	29.2	26.9	71.0	29.3		-0.3	0.992	25.0	0.0	>>>	>>	7.63	1	10	
<i>Offsite</i>															
G12		0	0.0	0.0	20.3	20.2	0.013	0.0	0.0	0.0	1	10.13	0.2	14	
G14		0	0.0	0.8		18.7	0.012	0.0	0.0	0.0	1	7.53	0.38	14	
BH07		-0.1	0.0	0.0		20.0	0.015	0.0	0.0	0.0	1	13.71	0.26	21	
BH09		0	0.0	0.5		18.8	0.013	0.0	0.0	0.0	1	6.43	0.19	12	
BH10		0	0.0	0.1	20.1	20.0	0.013	0.0	0.0	0.0	1	8.43	0.19	14	
<b>Site 3B</b>															
<i>Onsite</i>															
LG 16	1.3	0.6/0.7	69.8	30.3		-0.1	0.963	0.0	0.0	>>>	>>	3.33	0.24	3.5	
LG 17													0.26	3.9	not sampled
LG 21													0.28	4	not sampled
<i>Offsite</i>															
G15		0	0.0	2.0		17.4	0.013	0.0	0.0	0.0	1	5.41	0.28	6	fence posts damaged by cattle in field
G16		0	0.0	1.1		18.4	0.012	0.0	0.0	0.0	1	4.08	0.34	6	
G17		0	0.0	1.4		15.9	0.013	0.0	0.0	0.0	1	dry	0.37	6	silty
BH08		0	0.0	1.8		17.5	0.012	0.0	0.0	0.0	1	6.61	0.8	13.5	
<b>Site 3C</b>															
<i>Onsite</i>															
MW2		0	26.5	18.2		10.0	0.540	40.0	0.0	>>>	>>	5	0.75	5	replaced old seized tap - left for 10 mins and sampled
LG 14	1.6	1	74.0	26.2		-0.3	1.016	25.0	0.0	>>>	>>	9.66	0.37	12	flow fluctuating
LG 18	1.3	0/0.1	67.8	32.4		-0.3	0.966	30.0	0.0	>>>	>>	10	0.38	10	silty
<i>Offsite</i>															
G09		0	0.0	0.4		19.8	0.023	0.0	0.0	0.0	1	12.3	0.42	14	
G11		0	0.0	0.9		17.4	0.013	0.0	0.0	0.0	1	9.83	0.27	15	
BH06		0	12.9	10.7		7.2	0.370	0.0	0.0	>>>	>>	5.53	ground level	14	

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Day Tuesday & Wednesday  
Date 22/23<sup>rd</sup> March 2016

Weather as per Met Eireann:

Location	Weather	Temp	Humidity	Rain	Pressure (measured on site)						
					Dir	Speed (Kts)	°C	(%)	(mm)	Morning	Evening
					(hPa)						
Dublin airport (met eireann)	E	4	Cloudy	1005	69	0	1005	1003	Tuesday		
Dublin airport (met eireann)	SW	13	Fair	1003	68	0	1003	1005	Wednesday		

	Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 1</b>															
<i>Onsite</i>															
LG 11	0	0	1.7	5.6	20.0	11.8	0.095	0.0	0.0	39.6	1.8	11.91	0.32	13	
LG 12	0	0	1.5	13.4	19.3	4.1	0.086	0.0	0.0	34.7	1.7	Dry	0.25	12	
LG 13	0	0	6.9	14.7	19.2	4.7	0.265	0.0	0.0	100+	5.4	9.4	0.36	9	
<i>Offsite</i>															
G06	3.1	3	13.8	7.9	18.0	-0.2	0.388	0.0	0.0	>>>	>>	Dry	0.21	11	
G07	3.1	3	0.0	3.3	20.1	15.7	0.014	0.0	0.0	0.0	1	dry	0.2	14	
G08	4.2	4.1	0.0	0.0		20.2	0.015	0.0	0.0	0.0	1	dry	0.26	14	
G10	0.1	0	0.0	1.5	19.6	18.2	0.012	0.0	0.0	0.0	1	9.24	0.12	18	
G18	0.4	0.3	0.0	0.8	19.7	18.1	0.013	0.0	0.0	0.0	1	dry	0.13	14	
G19	0	0	0.0	1.0	19.8	17.9	0.013	0.0	0.0	0.0	1	7.97	0.2	14	
BH05	0	0	0.0	0.3		19.9	0.015	0.0	0.0	0.0	1	20.07	0.21	29	
<b>Site 2</b>															
<i>Onsite</i>															
LG 01	1.3	0.7	33.1	11.8		-0.3	0.616	0.0	0.0	>>>	>>	4.35		5	
LG 02	0.6	0.1	54.4	22.0	18.0	2.0	0.829	0.0	0.0	>>>	>>	8.17	0.18	9	
LG 03	4.3	4.2	65.6	21.5	16.4	-0.2	0.931	0.0	0.0	>>>	>>	~15	0.16	18	water level reading approx due to presence of leachate
LG 04	0	0	21.7	11.8	17.7	10.0	0.490	0.0	0.0	>>>	>>	11.97	0.1	15	
LG 05	7.1	7	65.5	27.5	11.5	-0.3	0.929	0.0	0.0	>>>	>>	13.78	0.1	14	
LG 06	3.4	0	64.0	28.5	18.1	-0.1	0.918	0.0	0.0	>>>	>>	6.62	0.33	6.4	
LG 07	3.3	3.3	63.1	25.1	15.4	-0.1	0.909	0.0	0.0	>>>	>>	~10		17	water level reading approx due to presence of leachate
LG 08	4.9	4.6	57.9	29.3	14.9	-0.2	0.863	0.0	0.0	>>>	>>	~7.8	0.1	8	water level reading approx due to presence of leachate
LG 09	3.4	3	61.6	23.5	15.6	-0.1	0.896	0.0	0.0	>>>	>>	10.98	0.1	17	water level reading approx due to presence of leachate
LG 10	3.9	0	58.7	24.4	18.5	-0.3	0.870	0.0	0.0	>>>	>>	17.5	0.22	18	water level reading approx due to presence of leachate
<i>Offsite</i>															
G01	3.9	3.8	0.0	4.9	17.0	11.8	0.010	0.0	0.0	0.0	1	dry	0.44	17.1	
G02	2.4	1.8	0.0	6.8	18.1	8.7	0.011	0.0	0.0	0.0	1	Dry	ground level	19.5	
G03	4.3	4.2	4.5	10.5		1.1	0.204	0.0	0.0	>>>	3.8		0.15	19.5	
G04	0	0	0.0	1.6	19.1	11.6	0.034	0.0	0.0	0.0	1	9.05	0.35	20	
G05	0.4	0.1	12.7	2.0	17.9	12.2	0.370	0.0	0.0	>>>	>>	16.16	0.1	20	
G13	6.7	6.4	0.0	0.7	20.1	19.1	0.011	0.0	0.0	0.0	1	dry	0.16	20	
G20	3	2.8	0.0	0.8	17.8	15.3	0.013	0.0	0.0	0.0	1	14.41	0.28	20	
G21	3.7	3.4	0.0	1.6	19.5	17.0	0.009	0.0	0.0	0.0	1	dry	0.43	17	
G22	0	0	0.0	0.7	20.2	18.9	0.012	0.0	0.0	0.0	1		0.33	15	gas tap stuck
G23	0.1	0	0.0	0.8	19.9	19.3	0.012	0.0	0.0	0.0	1		0.1	20	gas tap stuck
G24	8.4	8.4	0.0	1.0	18.8	17.0	0.011	0.0	0.0	0.0	1	dry	0.1	20	
G25	1.2	0.9	30.7	7.3	17.0	5.0	0.593	0.0	0.0	>>>	>>	dry	0.3	20	
BH01	1	0.7	0.0	2.2	20.2	14.1	0.012	0.0	0.0	0.0	1	14.14	0.22	21	
BH03	5.8	5	8.6	7.1	16.8	8.0	0.300	0.0	0.0	>>>	7.3	dry	0.1	19.5	
BH04	11.4	10.8	0.0	1.8	12.7	7.2	0.013	0.0	0.0	0.0	1	dry	0.27	25.5	
BH11	7.5	6.7	5.2	12.6	12.9	2.3	0.224	0.0	0.0	>>>	4	dry	0.12	33	
BH13	2.2	1.5	18.0	7.7	16.0	0.0	0.445	0.0	0.0	>>>	>>	dry	-0.1	19.5	

	Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H2S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 3A</b>															
<i>Onsite</i>															
LG 15	4.3	4.2	52.9	26.8		-0.2	0.814	0.0	0.0	>>>	>>	7.13	0.2	8	
LG 19	35.1	33.7	70.4	29.7	6.5	-0.2	0.991	0.0	0.0	>>>	>>	~14.27	0.36	15	water level reading approx due to presence of leachate
LG 20	3.1	3	46.7	26.7	19.2	-0.2	0.751	0.0	10.0	>>>	>>	dry	0.49	12	
MW3 (25 dia. Pipe)			69.6	30.5		-0.1	0.984	25.0	0.0	>>>	>>	~9.5	~0.5	11	water level reading approx due to presence of leachate
MW3 (50 dia. Pipe)	0.6	0	13.8	5.7		12.7	0.387	0.0	0.0	>>>	>>	15.96	1.04	18.1	not sampled
MW4	34	31.8	68.3	31.9	7.0	-0.2	0.976	30.0	0.0	>>>	>>	~7.71	1	10	water level reading approx due to presence of leachate
<i>Offsite</i>															
G12	0	0	0.0	0.6	19.5	19.2	0.016	0.0	0.0	0.0	1	10.29	0.2	14	muddy water on dip meter probe
G14	0	0	0.0	0.8	19.9	18.7	0.014	0.0	0.0	0.0	1	7.63	0.38	14	
BH07	1.5	0.6	0.0	1.0	19.6	18.6	0.013	0.0	0.0	0.0	1	13.76	0.26	21	
BH09	0	0	0.0	0.9	20.1	18.9	0.013	0.0	0.0	0.0	1	6.57	0.19	12	
BH10	0	0	0.0	0.6	20.3	19.2	0.015	0.0	0.0	0.0	1	8.5	0.19	14	
<b>Site 3B</b>															
<i>Onsite</i>															
LG 16	3.3	3.2	67.9	31.7	17.3	0.0	0.951	0.0	0.0	>>>	>>	3.33	0.24	3.5	
LG 17	4.6	4.5	67.0	33.2	17+	-0.2	0.960	0.0	0.0	>>>	>>	3.61	0.26	3.9	not sampled
LG 21	0.7	0.4	63.5	36.6	16.7	-0.2	0.922	0.0	0.0	>>>	>>	dry	0.28	4	not sampled
<i>Offsite</i>															
G15	0	0	0.0	2.3	19.5	16.6	0.012	0.0	0.0	0.0	1	dry	0.28	6	
G16	0	0	0.0	0.8	20.0	19.6	0.015	0.0	0.0	0.0	1	4.11	0.34	6	
G17	0	0	0.0	1.5	19.5	16.2	0.013	0.0	0.0	0.0	1	dry	0.37	6	
BH08	0	0	0.0	2.4	19.6	16.4	0.012	0.0	0.0	0.0	1	6.92	0.8	13.5	
<b>Site 3C</b>															
<i>Onsite</i>															
MW2	3.5	1.6	69.5	30.3	17.7	0.0	0.973	25.0	0.0	>>>	>>	5.17	0.75	5	
LG 14	2.2	1.9	74.1	26.1	20.0	-0.2	1.017	40.0	0.0	>>>	>>	~7.67	0.37	12	
LG 18	1	0.9	68.1	32.1	17.7	-0.2	0.970	40.0	0.0	>>>	>>	~10	0.38	10	water level reading approx due to presence of leachate
<i>Offsite</i>															
G09	0	0	9.2	7.9	18.6	2.2	0.311	0.0	0.0	0.0	8	12.38	0.42	14	
G11	0	0	0.0	0.9		18.8	0.015	0.0	0.0	0.0	1	9.87	0.27	15	
BH06	0	0	18.1	16.6	17.8	1.1	0.446	0.0	0.0	>>>	>>	5.57	ground level	14	

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Day Tuesday & Wednesday  
Date 29/30<sup>th</sup> March 2016

Weather as per Met Eireann:

Location	Weather	Temp	Humidity	Rain	Pressure (measured on site)		Flow		CH4 (%)	CO2 (%)	O2 (%)	Hex (%)	H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (m bgl)	Notes		
					Morning	Evening	Peak	Steady														
Dublin airport (met eireann)	SW	6	Fine	3	80	0	987	983													Tuesday	
Dublin airport (met eireann)	NW	13 gust 30	Rain Shower	6	83	1.2	991	996														Wednesday
<b>Site 1</b>																						
<i>Onsite</i>																						
LG 11	0	0	0.0	0.8	19.3	0.026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	11.79	0.32	13			
LG 12	0	0	0.0	4.5	20.3	16.2	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.25	12			
LG 13	0	0	1.7	6.2	13.4	0.096	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	9.48	0.36	9				
<i>Offsite</i>																						
G06	1	0.4	22.2	7.2	19.3	0.6	0.501	0.0	0.0	>>>	>>	dry	0.21	11								
G07	0	0	0.0	0.0	20.4	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.2	14					
G08	0	0	0.0	0.1	20.4	20.2	0.013	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.26	14					
G10	0	0	0.0	0.3	20.1	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	9.27	0.12	18					
G18	0	0	0.0	0.5	19.5	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	7.97	0.13	14					
G19	0	0	0.0	0.2	20.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.2	14					
BH05	0	0	0.0	0.8	20.2	19.4	0.010	0.0	0.0	0.0	0.0	0.0	0.0	1	20.1	0.21	29					
<b>Site 2</b>																						
<i>Onsite</i>																						
LG 01	0	0	18.6	6.8	17.4	8.3	0.456	0.0	0.0	>>>	>>	4.5	0.22	5								
LG 02	0	0	36.4	15.1	7.7	0.654	0.0	0.0	>>>	>>	8.21	0.18	9									
LG 03		-1	26.6	11.7	19.8	11.0	0.554	0.0	0.0	>>>	>>	13.19	0.16	18	fluctuating -1.9 to -0.7							
LG 04	0	0	0.0	0.0	20.3	0.016	0.0	0.0	0.0	0.0	0.0	0.0	1	12.13	0.1	15						
LG 05	0	-0.4	45.2	19.9	19.4	5.7	0.740	0.0	0.0	>>>	>>	13.73	0.1	14								
LG 06	0.9	0	31.8	15.2	19.6	9.7	0.609	0.0	0.0	>>>	>>	6.59	0.33	6.4								
LG 07	0	0	67.8	24.1	19.9	0.5	0.956	0.0	0.0	>>>	>>	12.1	0.1	17								
LG 08	-1.3	0	0.0	0.0	20.4	20.3	0.014	0.0	0.0	0.0	0.0	7.78	0.1	8								
LG 09	0	0	0.0	0.0	20.2	0.017	0.0	0.0	0.0	0.0	0.0	10.83	0.1	17								
LG 10	0	0	17.0	7.4	20.2	14.7	0.437	0.0	0.0	>>>	>>	~13.58	0.22	18	water level reading approx due to presence of leachate							
<i>Offsite</i>																						
G01		-9	0.0	0.0	20.4	20.2	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.1	dry	0.44	17.1					
G02	0	-3.3	0.0	0.0	20.1	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	ground level	19.5					
G03		-4.2	0.0	0.0	20.2	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.15	19.5					
G04	0	0	0.0	1.7	19.5	10.3	0.014	0.0	0.0	0.0	0.0	0.0	0.0	1	9.48	0.35	20					
G05	0	0	0.0	0.0	20.3	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	16.23	0.1	20					
G13	0	-6.2	0.0	0.0	20.2	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.16	20					
G20	0	-0.9	0.0	0.0	20.1	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	14.45	0.28	20					
G21		-7.6	0.0	0.2	20.3	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.43	17					
G22	0	0	0.0	0.1	20.1	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	gas tap stuck	0.33	15					
G23		-1.3	0.0	0.0	20.4	20.2	0.014	0.0	0.0	0.0	0.0	0.0	0.0	1	gas tap stuck	0.1	20					
G24		-13.7	0.0	0.0	20.2	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.1	20					
G25	0	0	12.4	2.0	19.7	14.3	0.369	0.0	0.0	>>>	>>	dry	0.3	20								
BH01	0.1	-0.4	0.0	0.0	20.2	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	14.49	0.22	21					
BH03		-9	0.0	0.5	20.3	19.5	0.033	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.1	19.5					
BH04		-17.8	0.0	0.0	20.2	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.27	25.5					
BH11		-14.1	0.0	0.0	20.1	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	dry	0.12	33					
BH13	2.2	1.9	9.9	3.3	19.0	11.6	0.326	0.0	0.0	>>>	8.8	dry	-0.1	19.5								

	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H2S (ppm)	CO(ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 3A</b>															
<i>Onsite</i>															
LG 15	0.1	0	47.5	20.1	2.3	0.763	0.0	0.0	>>>	>>	7.06	0.2	8		
LG 19	21	20.1	70.4	29.7	9.0	-0.2	0.988	0.0	0.0	>>>	>>	~14.33	0.36	15	
LG 20	0	-1.3	22.6	12.3	19.7	12.7	0.503	0.0	0.0	>>>	>>	dry	0.49	12	
MW3 (25 dia. Pipe)	no cap		10.4	5.6		17.5	0.334	0.0	0.0	>>>	9.5	10.36	~0.5	11	
MW3 (50 dia. Pipe)	0	0	8.4	3.1	19.1%	12.9	0.297	0.0	0.0	>>>	7.1	16.13	1.04	18.1	not sampled
MW4	27	25.8	69.0	31.1	9.0	-0.2	0.979	40.0	0.0	>>>	>>	7.32	1	10	
<i>Offsite</i>															
G12	0	0	0.0	0.0	20.4	0.014	0.0	0.0	0.0	1	10.44	0.2	14		
G14	1.2	0	0.0	1.3	19.1	18.2	0.012	0.0	0.0	0.0	1	7.75	0.38	14	
BH07	0	0	0.0	0.5	20.1	19.6	0.013	0.0	0.0	0.0	1	13.81	0.26	21	
BH09	0	0	0.0	0.4		19.8	0.014	0.0	0.0	0.0	1	6.75	0.19	12	
BH10	0	0	0.0	1.6	19.8	18.6	0.012	0.0	0.0	0.0	1	8.61	0.19	14	
<b>Site 3B</b>															
<i>Onsite</i>															
LG 16	0	0	42.2	22.3	18.9	5.7	0.707	0.0	0.0	>>>	>>	3.34	0.24	3.5	
LG 17	0	0	67.7	31.6	19.9	0.3	0.954	0.0	0.0	>>>	>>	3.66	0.26	3.9	not sampled
LG 21	0	0	25.8	17.2	18.3	10.9	0.543	0.0	0.0	>>>	>>	dry	0.28	4	not sampled
<i>Offsite</i>															
G15	0.1	0	0.0	0.9	20.1	18.4	0.013	0.0	0.0	0.0	1	dry	0.28	6	
G16	0	0	0.0	1.8	19.4	18.0	0.012	0.0	0.0	0.0	1	4.18	0.34	6	
G17	0	0	0.0	0.5	19.8	19.6	0.015	0.0	0.0	0.0	1	dry	0.37	6	
BH08	0	0	0.0	3.9	18.9	15.2	0.014	0.0	0.0	0.0	1	7.09	0.8	13.5	
<b>Site 3C</b>															
<i>Onsite</i>															
MW2	0	0	63.9	31.2	17.5	1.1	0.921	0.0	0.0	>>>	>>	4.81	0.75	5	
LG 14	0.7	0	72.6	27.5	18.0	-0.2	1.001	40.0	0.0	>>>	>>	9.99	0.37	12	
LG 18	3	0	67.8	32.3	18.9	-0.2	0.969	40.0	0.0	>>>	>>	10.02	0.38	10	
<i>Offsite</i>															
G09	0	0	0.0	0.1	20.3	0.014	0.0	0.0	0.0	0.0	1	12.47	0.42	14	
G11	3.4	0	0.0	0.0	20.3	0.011	0.0	0.0	0.0	0.0	1	10	0.27	15	
BH06	1.8	0	21.2	17.1	19.6	1.1	0.488	0.0	0.0	>>	5.65	ground level	14		

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Day Tuesday & Wednesday  
Date 5/6<sup>th</sup> April 2016

Weather as per Met Eireann:

Location	Weather	Temp	Humidity	Rain	Pressure (measured on site)						
					Dir	Speed (Kts)	°C	%	(mm)	Morning	Evening
										(hPa)	
Dublin Airport	W	13	Fair	11	57	0	999	995	Tuesday		
Dublin airport (met eireann)	W	23 Gust 35	Hail Showers	7	76	0.1	990	991	Wednesday		

Location	Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (m)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 1</b>															
<i>Onsite</i>															
LG 11	0.0	0.0	0.0	0.1	20.3	12.5	0.0	0.0	0.0	0.0	1.0	11.7	0.32	13	
LG 12	0.0	0.0	0.0	0.1	20.3	12.5	0.0	0.0	0.0	0.0	1.0	dry	0.25	12	
LG 13	0.0	0.0	1.5	6.5	20.2	12.5	0.1	0.0	0.0	34.6	1.7	9.4	0.36	9	
<i>Offsite</i>															
G06	0.6	0.0	21.1	8.1	16.8	12.5	-0.3	0.5	0.0	>>>	>>	dry	0.21	11	
G07	0	0	0.0	0.0	20.3	12.5	0.013	0.0	0.0	0.0	1	dry	0.2	14	
G08	0	-2.1	0.0	0.0	20.4	12.5	0.013	0.0	0.0	0.0	1	dry	0.26	14	
G10	0	0	0.0	0.3	20.2	12.5	0.011	0.0	0.0	0.0	1	9.32	0.12	18	
G18	0	0	0.0	0.1	20.2	12.5	0.013	0.0	0.0	0.0	1	dry	0.13	14	
G19	0	0	0.0	0.3	20.1	12.5	0.013	0.0	0.0	0.0	1	8.03	0.2	14	
BH05	0	0	0.0	1.3	19.2%	18.8	0.011	0.0	0.0	0.0	1	20.06	0.21	29	
<b>Site 2</b>															
<i>Onsite</i>															
LG 01	0	0	37.9	10.9	19.8%	17.1	2.5	0.666	0.0	>>>	>>	4.27		5	
LG 02	0.9	0.1	5.4	2.4	19.6	17.1	18.3	0.231	0.0	10.0	>>>	4.2	8.42	0.18	9
LG 03	0	0	49.5	20.6		17.1	3.6	0.783	0.0	0.0	>>>	>>	16.34	0.16	18
LG 04	0	-1.2	0.0	0.0	20.5	17.1	0.012	0.0	0.0	0.0	1	12.16	0.1	15	
LG 05	0.1	0	0.0	0.0	20.5	17.1	0.011	0.0	0.0	0.0	1	13.84	0.1	14	
LG 06	2.8	0.9	30.5	15.7	19.1	17.1	9.5	0.593	0.0	0.0	>>>	>>	6.55	0.33	6.4
LG 07	0	0	59.1	21.7	20.2	17.1	2.8	0.877	0.0	0.0	>>>		9.15		17
LG 08	0	-3.1	0.0	0.1	20.4	17.1	20.2	0.018	0.0	0.0	1	dry	0.1	8	
LG 09	0	-1.6	0.0	0.3	20.3	17.1	20.1	0.033	0.0	0.0	1	~9.44	0.1	17	
LG 10	0	0	9.4	4.7	20.2	17.1	17.1	0.310	0.0	0.0	>>>	7.9	~17.14	0.22	18
<i>Offsite</i>															
G01	0	-9.1	0.0	0.0	20.3	17.1	20.3	0.012	0.0	0.0	1	dry	0.44	17.1	
G02	0	-2.5	0.0	0.0	20.3	17.1	20.3	0.012	0.0	0.0	1	dry	ground level	19.5	
G03	0	-5.3	0.0	0.0	20.3	17.1	20.3	0.012	0.0	0.0	1	dry	0.15	19.5	
G04	0	0	0.0	1.5	19.9	17.1	12.4	0.012	0.0	0.0	1	7.75	0.35	20	
G05	0	0	0.0	0.0	20.4	17.1	20.3	0.014	0.0	0.0	1	16.36	0.1	20	
G13	0	-8.2	0.0	0.0	20.2	17.1	19.8	0.013	0.0	0.0	1	dry	0.16	20	
G20	0	-0.4	0.0	0.3	20.2	17.1	19.8	0.016	0.0	0.0	1	14.49	0.28	20	
G21	0	-7.3	0.0	1.3	20.1	17.1	15.6	0.011	0.0	0.0	1	dry	0.43	17	
G22	1.5	0	0.0	0.1	20.2	17.1	20.2	0.013	0.0	0.0	1		0.33	15	Gas tap stuck - no water level taken
G23	0	-10.3	0.0	0.0	20.3	17.1	20.3	0.013	0.0	0.0	1	17	0.1	20	
G24	0	-15.9	0.0	0.0	20.3	17.1	20.3	0.013	0.0	0.0	1	dry	0.1	20	
G25	0	0	12.5	2.2	14.2	17.1	0.368	0.0	0.0	>>>	>>	dry	0.3	20	
BH01	0	-0.1	0.0	0.0	20.4	17.1	20.4	0.014	0.0	0.0	1	14.65	0.22	21	
BH03	0	-9.3	0.0	0.0	20.3	17.1	20.3	0.012	0.0	0.0	1	dry	0.1	19.5	
BH04	0	-18.6	0.0	0.0	20.3	17.1	20.3	0.012	0.0	0.0	1	dry	0.27	25.5	
BH11	0	-12.6	0.0	0.0	20.3	17.1	20.3	0.012	0.0	0.0	1	dry	0.12	33	
BH13	0	0	3.4	1.4	19.8	17.2	17.2	0.166	0.0	0.0	77.3	3.5	dry	-0.1	19.5

	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H2S (ppm)	CO(ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (m bgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 3A</b>															
<i>Onsite</i>															
LG 15	0.7	0	53.4	21.8		0.1	0.824	0.0	0.0	>>>	>>	6.64	0.2	8	
LG 19	31.7	29.6	71.7	28.5	6.7	-0.3	1.001	30.0	0.0	>>>	>>	14.44	0.36	15	
LG 20	9.1	Fluctuating ~3.4	63.2	31.8	19.2	-0.2	0.916	0.0	0.0	>>>	>>		0.49	12	wind affecting steady flow reading
MW3 (25 dia. Pipe)	no cap		34.4	14.6	19.8%	6.4 (after falling to almost 0 started to increase)	0.634	0.0	0.0	>>>	>>	10.16	~0.5	11	
MW3 (50 dia. Pipe)	3	0	8.7	2.9		12.5	0.304	0.0	0.0	>>>	7.4	16.2	1.04	18.1	not sampled
MW4	25.1	23.1	68.7	31.5	8.2	-0.3	0.978	30.0	0.0	>>>	>>	7.05	1	10	
<i>Offsite</i>															
G12	0	0	0.0	0.1		20.1	0.014	0.0	0.0	0.0	1	10.55	0.2	14	
G14	4	~0	0.0	1.8		16.9	0.012	0.0	0.0	0.0	1	7.81	0.38	14	
BH07	5.9	fluctuating ~1.9	0.0	0.0		20.3	0.013	0.0	0.0	0.0	1	13.88	0.26	21	wind affecting steady flow reading
BH09	0	0	0.0	0.9	18.9	14.4	0.013	0.0	0.0	0.0	1	6.85	0.19	12	
BH10	4.2	~1.5	0.0	1.1	19.4	18.7	0.012	0.0	0.0	0.0	1	8.63	0.19	14	wind affecting steady flow reading
<b>Site 3B</b>															
<i>Onsite</i>															
LG 16	4.3	0	39.4	19.5	18.7	7.4	0.682	0.0	0.0	>>>	>>	3.32	0.24	3.5	
LG 17	0	0	67.7	32.4	19.8	-0.2	0.967	0.0	0.0	>>>	>>	3.6	0.26	3.9	not sampled
LG 21	3.1	0	59.9	35.7	19.8	0.0	0.886	0.0	0.0	>>>	>>	dry	0.28	4	not sampled
<i>Offsite</i>															
G15	3.1	0	0.0	2.3	19.7	16.4	0.013	0.0	0.0	0.0	1	dry	0.28	6	
G16	0	0	0.0	2.3	20.1	16.7	0.012	0.0	0.0	0.0	1	4.27	0.34	6	
G17	0	0	0.0	1.1	19.3	17.3	0.013	0.0	0.0	0.0	1	dry	0.37	6	
BH08	0.1	0	0.0	3.9	19.8	15.0	0.012	0.0	0.0	0.0	1	7.26	0.8	13.5	
<b>Site 3C</b>															
<i>Onsite</i>															
MW2	1.2	fluctuating 0	48.9	7.3	18.6	7.3	0.770	0.0	0.0	>>>	>>	4.5	0.75	5	wind affecting steady flow reading
LG 14	2.5	fluctuating 1.2	72.0	28.0	19.1	0.0	0.991	50.0	0.0	>>>	>>	10.5	0.37	12	wind affecting steady flow reading
LG 18	3.3	fluctuating ~1	67.7	32.5	16.3	-0.2	0.970	40.0	0.0	>>>	>>	9.88	0.38	10	wind affecting steady flow reading
<i>Offsite</i>															
G09	2.7	0.4	12.5	12.1	18.0	1.7	0.369	0.0	0.0	>>>	>>	12.6	0.42	14	
G11	0.1	0	0.0	0.1	20.0%	20.0	0.014	0.0	0.0	0.0	1	10.05	0.27	15	
BH06	3.4	0.3	22.2	17.0	18.0	1.3	0.500	0.0	0.0	>>>	>>	5.74	ground level	14	

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Day Tuesday & Wednesday  
Date 12/13<sup>th</sup> April 2016

Weather as per Met Eireann:

Location	Weather	Temp °C	Humidity (%)	Rain (mm)	Pressure (measured on site)		H <sub>2</sub> S (ppm)	CO(ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes	
					Morning	Evening									
					Dir	Speed (Kts)									
Dublin Airport				0.6	996	991									Tuesday
Dublin airport (met eireann)					993	994									Wednesday
Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes	
Peak	Steady	Peak	Steady												
Site 1															
Onsite															
LG 11	0.0	0.0	0.0	3.3	19.8	15.0	0.0	0.0	2.1	1.0	11.5	0.32	13		
LG 12	0.0	0.0	0.0	7.9	19.6	12.5	0.012	0.0	0.0	1.0	dry	0.25	12		
LG 13	0.0	0.0	2.2	8.4	17.9	10.0	0.1	0.0	51.8	2.3	9.07	0.36	9		
Offsite															
G06	2.5	2.2	21.7	7.5	-0.2	0.5	0.0	0.0	>>>	>>	dry	0.21	11		
G07	0	0	0.0	1.2	20.2	18.9	0.010	0.0	0.0	1	19.99	0.2	14		
G08	1.5	1.2	0.0	0.7	20.0%	19.0	0.011	0.0	0.0	1	dry	0.26	14		
G10	0	0	0.0	1.4	19.6	18.7	0.010	0.0	0.0	1	9.23	0.12	18		
G18	0	0	0.0	1.1	19.4	13.9	0.010	0.0	0.0	1	dry	0.13	14		
G19	0.1	0	0.0	0.8	19.6	18.1	0.011	0.0	0.0	1	7.93	0.2	14		
BH05	1.3	1	0.0	2.3	19.8%	16.7	0.009	0.0	0.0	1	dry	0.21	29		
Site 2															
Onsite															
LG 01	1.6	0.9	49.6	13.3	17.8%	-0.3	0.786	0.0	0.0	>>>	>>	4.13	5		
LG 02	3.3	3	67.4	27.4	19.8	0.0	0.950	0.0	0.0	>>>	>>	8.43	9		
LG 03	4.5	4.3	68.2	22.1	16.4	-0.2	0.958	0.0	0.0	>>>	>>	15.32	18	strong odour	
LG 04	3.3	3.1	48.2	19.4	16.7	-0.2	0.770	0.0	0.0	>>>	>>	12.29	15		
LG 05	6	5.8	67.8	28.5	11.7	-0.3	0.954	0.0	0.0	>>>	>>	6.62	14		
LG 06	2.5	2.2	48.3	23.4	18.1	4.0	0.772	0.0	0.0	>>>	>>	6.62	6.4		
LG 07	3.9	3.9	73.7	24.8	17.9	-0.3	1.003	0.0	0.0	>>>	>>	2.21	17		
LG 08	4.3	4.3	40.1	24.3	-0.3	0.690	0.0	14.0	0.0	>>>	>>	7.82	8		
LG 09	3.9	3.9	60.1	24.0	18.2	0.0	0.888	0.0	0.0	>>>	>>	11.54	17		
LG 10	4.7	4.5	57.9	24.7	13.0	-0.3	0.866	0.0	0.0	>>>	>>	16.48	18	strong odour	
Offsite															
G01	3.9	3.6	0.0	1.9	18.8	16.6	0.011	0.0	0.0	1	dry	0.44	17.1		
G02	0	0	0.0	3.8	14.6	0.011	0.0	0.0	0.0	1	dry	ground level	19.5		
G03	2.8	2.5	0.9	9.3	15.2%	1.5	0.062	0.0	22.5	1.4	dry	0.15	19.5		
G04	0	0	0.0	0.6	18.3	17.9	0.013	0.0	0.0	1	2.19	0.35	20		
G05	0.6	0.1	37.1	6.2	17.2	0.4	0.659	0.0	0.0	>>>	>>	16.45	20		
G13	3.4	3.3	0.0	0.6	19.9	17.9	0.012	0.0	0.0	1	dry	0.16	20		
G20	5.8	5.5	0.0	0.5	20.0	0.012	0.0	0.0	0.0	1	14.53	0.28	20		
G21	3.4	3.3	0.0	1.8	19.4	16.1	0.012	0.0	0.0	1	dry	0.43	17		
G22	0	-0.6	0.0	0.6	18.5	0.013	0.0	0.0	0.0	1	9.27	0.33	15		
G23	1.9	1.8	0.0	0.9	19.8	18.4	0.012	0.0	0.0	1	17.05	0.1	20		
G24	5.5	5.4	0.0	1.1	19.3	17.3	0.012	0.0	0.0	1	dry	0.1	20		
G25	3.8	3.7	52.4	6.2	16.2	-0.1	0.813	0.0	0.0	>>>	>>	dry	0.3	20	
BH01	1	0.7	0.0	2.1	19.6	13.1	0.014	0.0	0.0	1	14.71	0.22	21		
BH03	1.2	1	1.5	5.0	18.6	12.7	0.085	0.0	0.0	34.2	1.7	dry	0.1	19.5	
BH04	7.2	7.2	0.0	1.5	15.2	9.6	0.011	0.0	0.0	1	dry	0.27	25.5		
BH11	5	4.8	4.6	13.2	14.1	2.5	0.209	0.0	0.0	>>>	3.8	dry	0.12	33	
BH13	0.6	0	20.7	7.3	14.7	-0.3	0.481	0.0	0.0	>>>	>>	dry	-0.1	19.5	

	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H2S (ppm)	CO(ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 3A</b>															
<i>Onsite</i>															
LG 15	0	0	55.0	19.4	20.1%	0.0	0.839	0.0	10.0	>>>	>>	6.63	0.2	8	
LG 19	27.7	27.6	70.1	30.1	10.5	-0.2	0.985	0.0	0.0	>>>	>>	9.3	0.36	15	
LG 20	1	0.4	68.9	33.1	19.5	-0.2	0.937	0.0	0.0	>>>	>>	dry	0.49	12	
MW3 (25 dia. Pipe)	0	0	69.1	31.0	19.8%	-0.2	0.995	25.0	0.0	>>>	>>	10.02	-0.5	11	
MW3 (50 dia. Pipe)	0	0	7.6	2.9	19.6%	11.0	0.283	0.0	0.0	>>>	6.2	16.38	1.04	18.1	not sampled
MW4	30.3	30.1	71.2	28.9	6.6	-0.2	0.990	30.0	0.0	>>>	>>	6.97	1	10	
<i>Offsite</i>															
G12	0	0	0.0	0.1	21.7	20.8	0.013	0.0	0.0	0.0	1	10.64	0.2	14	
G14	0	0	0.0	0.9	20.3	18.6	0.011	0.0	0.0	0.0	1	7.87	0.38	14	
BH07	0	0	0.0	0.9	19.3	18.6	0.012	0.0	0.0	0.0	1	13.97	0.26	21	
BH09	0	0	0.0	0.1	20.4	20.4	0.012	0.0	0.0	0.0	1	6.88	0.19	12	
BH10	0	0	0.0	1.8	20.2	17.0	0.011	0.0	0.0	0.0	1	8.71	0.19	14	
<b>Site 3B</b>															
<i>Onsite</i>															
LG 16	0.6	0	70.4	28.8	19.6	-0.1	0.976	0.0	0.0	>>>	>>	3.33	0.24	3.5	
LG 17	0	0	67.7	32.1	3.4	0.1	0.950	0.0	0.0	>>>	>>	3.6	0.26	3.9	not sampled
LG 21	2.7	2.5	66.2	33.9	18.1	-0.2	0.956	0.0	0.0	>>>	>>	dry	0.28	4	not sampled
<i>Offsite</i>															
G15	0	0	0.0	2.7	19.4	15.5	0.010	0.0	0.0	0.0	1	dry	0.28	6	
G16	0	0	0.0	2.1	20.1	16.5	0.012	0.0	0.0	0.0	1	4.27	0.34	6	
G17	0	0	0.0	1.5	19.4	16.6	0.012	0.0	0.0	0.0	1	4.4	0.37	6	
BH08	0	0	0.0	4.2	20.0	14.7	0.011	0.0	0.0	0.0	1	7.35	0.8	13.5	
<b>Site 3C</b>															
<i>Onsite</i>															
MW2	19.5	11.7	83.5	14.0	9.6	-0.2	1.096	40.0	0.0	>>>	>>	4.18	0.75	5	strong odour
LG 14	1	0.9	72.3	27.5	19.3	-0.2	0.993	25.0	0.0	>>>	>>	9.54	0.37	12	strong odour
LG 18	0.4	0.3	68.1	32.0	18.5	-0.2	0.963	40.0	0.0	>>>	>>	9.99	0.38	10	strong odour
<i>Offsite</i>															
G09	0	0	18.6	13.5	19.5	-0.2	0.456	0.0	0.0	>>>	>>	12.65	0.42	14	
G11	0	0	0.0	0.1	20.8%	20.3	0.012	0.0	10.0	0.0	1	10.13	0.27	15	
BH06	0	0	10.4	8.5	19.0	6.6	0.335	0.0	0.0	>>>	9.5	5.7	ground level	14	

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Day Wednesday & Thursday  
Date 20/21<sup>st</sup> April 2016

Weather as per Met Eireann:

Location	Dir	Weather	Temp	Humidity	Rain	Pressure (measured on site)		H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes	
						Morning	Evening									
	Speed (Kts)	°C	(%)	(mm)	(hPa)											
Dublin Airport		7.4	13.5			1022	1016									Wednesday
Dublin airport (met eireann)	E	14	Fair	13	44	0	1010	1012								Thursday
Site 1																
Onsite																
Flow	CH4 (%)	CO2 (%)	O2 (%)	Hex (%)	H <sub>2</sub> S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes				
Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Notes
LG 11	0.0	0.0	0.0	0.9	20.4	18.9	0.0	0.0	0.0	0.0	1.0	10.6	0.32	13		water level reading approx due to presence of leachate
LG 12	0.0	0.0	0.0	2.9	19.4	18.5	0.006	0.0	0.0	0.0	1.0	dry	0.25	12		
LG 13	0.0	0.0	0.0	4.3	20.2	14.3	0.0	0.0	0.0	0.0	1.0	8.84	0.36	9		
Offsite																
G06	0.0	0.0	21.8	7.3	19.5	-0.1	0.5	0.0	0.0	>>>	>>	dry	0.21	11		
G07	0	0	0.0	0.4		20.3	0.008	0.0	0.0	0.0	1	dry	0.2	14		
G08	0	0	0.0	1.7	19.7	16.5	0.007	0.0	0.0	0.0	1	dry	0.26	14		
G10	0	0	0.0	1.9	19.3	18.4	0.008	0.0	0.0	0.0	1	9.24	0.12	18		
G18	0	0	0.0	1.4	19.8	11.7	0.007	0.0	0.0	0.0	1	dry	0.13	14		
G19	0	0	0.0	0.8	20.2	17.5	0.007	0.0	0.0	0.0	1	7.9	0.2	14		
BH05	0	0	0.0	1.3	20.2	18.9	0.004	0.0	0.0	0.0	1	19.95	0.21	29		
Site 2																
Onsite																
LG 01	0	0	32.2	11.6	19.3	-0.2	0.603	0.0	0.0	>>>	>>	4.1		5		
LG 02	3.3	3.1	45.1	18.4	17.0	5.1	0.731	0.0	0.0	>>>	>>	8.55	0.18	9		
LG 03	4.3	4.2	67.5	22.5	17.2	0.0	0.943	0.0	0.0	>>>	>>	15.95	0.16	18		water level reading approx due to presence of leachate
LG 04	0.4	0	2.5	6.3	17.7	8.4	0.138	0.0	10.0	59.0	2.7	12.17	0.1	15		
LG 05	4.3	4.1	69.5	28.2	14.5	-0.1	0.959	0.0	0.0	>>>	>>	13.9	0.1	14		
LG 06	3.4	3.3	55.1	25.3	16.7	2.2	0.832	0.0	0.0	>>>	>>	10.98	0.33	6.4		
LG 07	1.5	0.4	71.6	25.2	18.6	-0.1	0.976	0.0	0.0	>>>	>>	10.98		17		water level reading approx due to presence of leachate
LG 08	0	0	34.4	19.4	19.8	5.3	0.624	0.0	0.0	>>>	>>	dry	0.1	8		
LG 09	0	0	3.1	1.6	19.8	19.0	0.158	0.0	0.0	72.6	3.5	9.81	0.1	17		water level reading approx due to presence of leachate
LG 10	3.3	3.1	71.3	23.5	18.6	0.4	0.974	0.0	0.0	>>>	>>	17.47	0.22	18		water level reading approx due to presence of leachate
Offsite																
G01	0	0	0.0	0.1	20.5	20.3	0.009	0.0	0.0	0.0	1	dry	0.44	17.1		
G02	0	0	0.0	0.0	20.7	20.5	0.008	0.0	0.0	0.0	1	dry	ground level	19.5		
G03	0	-0.3	0.0	0.0		20.5	0.007	0.0	0.0	0.0	1	dry	0.15	19.5		
G04	0	0	0.0	1.7	18.6	12.3	0.009	0.0	0.0	0.0	1	6.46	0.35	20		
G05	5.5	5.3	36.4	6.1	12.2	2.5	0.644	0.0	0.0	>>>	>>	16.46	0.1	20		
G13	0	-0.3	0.0	0.7	19.7	15.4	0.012	0.0	0.0	0.0	1	dry	0.16	20		
G20	3.4	3	0.0	0.0	20.2	20.2	0.009	0.0	0.0	0.0	1	16.57	0.28	20		
G21	0	0	0.0	2.2	20.1	15.6	0.009	0.0	0.0	0.0	1	dry	0.43	17		
G22	0	0	0.0	0.0	19.9	0.014	0.0	0.0	0.0	0.0	1	9.38	0.33	15		
G23	0	0	0.0	0.0	20.0	0.012	0.0	0.0	0.0	0.0	1	dry	0.1	20		
G24	0	-1.1	0.0	0.1	20.3	20.0	0.011	0.0	0.0	0.0	1	dry	0.1	20		
G25	7	6.9	53.9	6.7	14.4	-0.3	0.820	0.0	0.0	>>>	>>	dry	0.3	20		
BH01	1.2	0.3	0.0	0.0		20.7	0.010	0.0	0.0	0.0	1	14.86	0.22	21		
BH03	0	-0.3	0.0	0.0		20.5	0.008	0.0	0.0	0.0	1	dry	0.1	19.5		
BH04	0	-3.2	0.0	0.0	20.4	20.4	0.009	0.0	0.0	0.0	1	dry	0.27	25.5		
BH11	0	-0.4	0.0	0.5	20.4	19.9	0.031	0.0	0.0	0.0	1	dry	0.12	33		
BH13	3.1	3	21.7	5.3	17.2	1.3	0.487	0.0	0.0	>>>	>>	dry	-0.1	19.5		

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	Flow		CH4 (%)	CO2 (%)	O2 (%)		Hex (%)	H2S (ppm)	CO (ppm)	LEL	PID	Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady									
<b>Site 3A</b>															
<i>Onsite</i>															
LG 15	3.6	3.6	51.5	26.1	14.1%	-0.1	0.798	0.0	0.0	>>>	>>	6.72	0.2	8	water level reading approx due to presence of leachate
LG 19	31.1	30	70.4	29.7	8.0	-0.1	0.981	0.0	0.0	>>>	>>	6.47	0.36	15	
LG 20	4.4	4.1	55.6	31.0	17.5	-0.2	0.837	0.0	0.0	>>>	>>	dry	0.49	12	
MW3 (25 dia. Pipe)	no cap		69.7	30.4	20.4	-0.1	0.974	25.0	0.0	>>>	>>	16.46	~0.5	11	
MW3 (50 dia. Pipe)	0	0	9.8	4.0	18.7	9.5	0.320	0.0	0.0	>>>	8.7	7.19	1.04	18.1	not sampled
MW4	25.3	24.3	69.0	31.0	20.3	-0.1	0.969	25.0	0.0	>>>	>>	7.39	1	10	
<i>Offsite</i>															
G12	0	0	0.0	0.0	20.5	20.4	0.009	0.0	0.0	0.0	1	10.73	0.2	14	
G14	0	0	0.0	1.4	19.7	17.7	0.008	0.0	0.0	0.0	1	7.91	0.38	14	
BH07	0	0	0.0	0.2		20.2	0.012	0.0	0.0	0.0	1	14.09	0.26	21	
BH09	0	0	0.0	1.1	20.0	15.3	0.009	0.0	0.0	0.0	1	6.94	0.19	12	
BH10	0	0	0.0	1.9	19.7	17.0	0.008	0.0	0.0	0.0	1	8.7	0.19	14	
<b>Site 3B</b>															
<i>Onsite</i>															
LG 16	1.5	1	67.5	32.7	17.6	-0.2	0.949	0.0	0.0	>>>	>>	3.4	0.24	3.5	
LG 17	0	0	67.5	32.6	19.5	-0.1	0.960	0.0	0.0	>>>	>>	3.51	0.26	3.9	not sampled
LG 21	2.7	1.8	66.1	34.0	17.9	-0.2	0.952	0.0	0.0	>>>	>>	dry	0.28	4	not sampled
<i>Offsite</i>															
G15	0	0	0.0	3.3	18.9	14.2	0.009	0.0	0.0	0.0	1	dry	0.28	6	
G16	0	0	0.0	2.5	19.7	15.6	0.010	0.0	0.0	0.0	1	4.31	0.34	6	
G17	0	0	0.0	1.8	19.6	14.3	0.009	0.0	0.0	0.0	1	dry	0.37	6	
BH08	0	0	0.0	2.9	18.9	15.8	0.009	0.0	0.0	0.0	1	7.47	0.8	13.5	
<b>Site 3C</b>															
<i>Onsite</i>															
MW2	0.3	0	68.8	28.5	18.9	0.6	0.955	50.0	0.0	>>>	>>	9.95	0.75	5	
LG 14	1.3	0.1	72.0	28.2	18.8	-0.2	0.984	30.0	0.0	>>>	>>	10.2	0.37	12	
LG 18	0	0	67.7	32.4	19.2	-0.2	0.961	40.0	0.0	>>>	>>	9.98	0.38	10	
<i>Offsite</i>															
G09	0	0	0.0	0.0		20.6	0.009	0.0	0.0	0.0	1	12.74	0.42	14	
G11	0	0	0.0	2.4	19.9	15.7	0.006	0.0	0.0	0.0	1	10.17	0.27	15	
BH06	0	0	21.3	16.0	19.3	2.0	0.484	0.0	0.0	>>>	>>	5.75	ground level	14	

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Day Tuesday & Wednesday  
 Date 26/27<sup>th</sup> April 2016

Weather as per Met Eireann:

Location	Dir	Weather	Temp	Humidity	Rain	Pressure (measured on site)	
						Morning	Evening
Dublin Airport	NW	23 gust 35	7.00	57	0.1	1003	1002
Dublin airport (met eireann)	N	14 gust 25	5.00	71	0.2	1003	1001

	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H <sub>2</sub> S (ppm)	CO(ppm)	LEL	PID	Flow		Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady						Peak	Steady				
<b>Site 1</b>																	
<i>Onsite</i>																	
LG 11	0.0	0.0	0.6	2.2	19.0	17.0	0.051	0.0	0.0	15.5	1.2	0.0	0.0	11.3	0.32	13	
LG 12	0.0	0.0	0.0	5.5	19.5	13.7	0.023	0.0	0.0	0.0	1.0	0.0	0.0	dry	0.25	12	
LG 13	3.0	0.0	8.0	17.2	19.5	2.4	0.288	0.0	0.0	>>>	6.6	3.0	0.0	9.12	0.36	9	
<i>Offsite</i>																	
G06	6.6	3.5	21.3	7.4	17.8	-0.2	0.486	0.0	0.0	>>>	>>	6.6	3.5	dry (wet sand)	0.21	11	
G07	3.1	1.8	0.0	1.2	19.9	19.0	0.009	0.0	0.0	0.0	1	3.1	1.8	dry	0.2	14	
G08	3.1	1	0.0	1.2	19.9	17.3	0.010	0.0	0.0	0.0	1	3.1	1	dry	0.26	14	
G10	0	0	0.0	1.8	19.5	17.1	0.010	0.0	0.0	0.0	1	0	0	9.26	0.12	18	
G18	0.3	0	0.0	1.7	19.5	12.8	0.010	0.0	0.0	0.0	1	0.3	0	dry	0.13	14	
G19	0.6	0	0.0	0.9	19.4	16.8	0.010	0.0	0.0	0.0	1	0.6	0	7.92	0.2	14	
BH05	0	0	0.0	0.6	19.7	19.6	0.010	0.0	0.0	0.0	1	0	0	20	0.21	29	
<b>Site 2</b>																	
<i>Onsite</i>																	
LG 01	3.1	2.5	37.3	11.7	18.0	0.7	0.657	0.0	0.0	>>>	>>	3.1	2.5	4.21		5	
LG 02	5.2	4.7	65.3	27.9	17.5	0.1	0.929	0.0	0.0	>>>	>>	5.2	4.7	8.48	0.18	9	
LG 03	4.6	3.7	58.4	23.7	15.3	0.5	0.869	0.0	0.0	>>>	>>	4.6	3.7	~14.89	0.16	18	
LG 04	0	-0.6	1.9	1.1	19.7	19.4	0.104	0.0	0.0	43.6	1.9	0	-0.6	12.45	0.1	15	
LG 05	6.7	6.4	68.1	28.4	14.6	-0.1	0.953	0.0	0.0	>>>	>>	6.7	6.4	13.74	0.1	14	
LG 06	7.3	3	60.6	27.4	14.0	0.8	0.889	0.0	0.0	>>>	>>	7.3	3	6.56	0.33	6.4	
LG 07	0	0	68.9	25.1	18.9	0.3	0.960	0.0	0.0	>>>	>>	0	0	11.46		17	
LG 08	4.2	3.5	52.7	28.6	17.5	1.0	0.813	0.0	0.0	>>>	>>	4.2	3.5	~7.65	0.1	8	
LG 09	4	~3.5	60.2	21.3	17.6	1.0	0.885	0.0	0.0	>>>	>>	4	~3.5	11.11	0.1	17	
LG 10	5.5	4.8	63.1	24.9	15.1	0.0	0.910	0.0	0.0	>>>	>>	5.5	4.8	~17.46	0.22	18	
<i>Offsite</i>																	
G01	0.1	0	0.0	3.1	20.0	15.3	0.011	0.0	0.0	0.0	1	0.1	0	dry	0.44	17.1	
G02	0	0	0.0	0.0	20.2	0.013	0.0	0.0	0.0	0.0	1	0	0	dry	ground level	19.5	
G03	0.6	0	3.5	10.6	19.4	1.6	0.172	0.0	0.0	81.4	3.6	0.6	0	dry	0.15	19.5	
G04	0.3	0	0.0	2.1	17.2	9.1	0.011	0.0	0.0	0.0	1	0.3	0	8.23	0.35	20	
G05	6.5	6.3	42.4	6.7	12.3	1.9	0.70	0.0	0.0	>>>	>>	6.5	6.3	16.46	0.1	20	
G13	1.5	0	0.0	0.8	20.0	18.1	0.010	0.0	0.0	0.0	1	1.5	0	dry	0.16	20	
G20	4.3	3.9	0.0	0.7	19.6	16.7	0.011	0.0	0.0	0.0	1	4.3	3.9	14.57	0.28	20	
G21	3.3	2.1	0.0	1.8	19.9	16.7	0.012	0.0	0.0	0.0	1	3.3	2.1	dry	0.43	17	
G22	0	0	0.0	0.9	20.1	18.5	0.011	0.0	0.0	0.0	1	0	0	9.42	0.33	15	
G23	0	-3	0.0	0.0	20.4	0.011	0.0	0.0	0.0	0.0	1	0	-3	17.24	0.1	20	
G24	0	0	0.0	0.6	18.7	0.012	0.0	0.0	0.0	0.0	1	0	0	dry	0.1	20	
G25	9.3	9	55.3	6.3	0.0	0.839	0.0	0.0	0.0	>>>	>>	9.3	9	dry	0.3	20	
BH01	3.2	1.8	0.0	0.1	20.1	0.013	0.0	0.0	0.0	0.0	1	3.2	1.8	14.82	0.22	21	
BH03	0	-3.4	0.0	0.1	20.4	20.0	0.016	0.0	0.0	0.0	1	0	-3.4	dry	0.1	19.5	
BH04	0	0	0.0	0.0	20.2	0.013	0.0	0.0	0.0	0.0	1	0	0	dry	0.27	25.5	
BH11	0.1	-3.3	0.0	0.4	19.9	0.014	0.0	0.0	0.0	0.0	1	0.1	-3.3	dry	0.12	33	
BH13	5.2	4.7	19.8	7.6	15.5	-0.2	0.469	0.0	0.0	>>>	>>	5.2	4.7	dry	-0.1	19.5	

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	Flow		CH4 (%)	CO2(%)	O2(%)		Hex(%)	H2S (ppm)	CO(ppm)	LEL	PID	Flow		Water level (m below top of standpipe)	Height of standpipe above gl (cm)	Total depth of BH (mbgl)	Notes
	Peak	Steady			Peak	Steady						Peak	Steady				
	Site 3A																
Onsite																	
LG 15	4.4	4	50.4	26.1	18.5	-0.1	0.791	0.0	0.0	>>>	>>	4.4	4	6.85	0.2	8	
LG 19	31.4	30.7	71.2	29.0	7.3	-0.3	0.992	30.0	0.0	>>>	>>	31.4	30.7	14.58	0.36	15	
LG 20	4.8	4.6	51.6	29.3	18.5	-0.2	0.803	0.0	0.0	>>>	>>	4.8	4.6	dry	0.49	12	
MW3 (25 dia. Pipe)	no cap	no cap	69.6	30.5		-0.2	0.977	0.0	0.0	>>>	>>	no cap		10.44	~0.5	11	
MW3 (50 dia. Pipe)	3.3	3.2	26.7	8.3	19.5	3.1	0.551	0.0	0.0	>>>	>>	3.3	3.2	16.55	not sampled	18.1	
MW4	30.4	29.8	67.8	32.4	7.6	-0.3	0.968	25.0	0.0	>>>	>>	30.4	29.8	7.72	1	10	
Offsite																	
G12	0	0	0.0	1.1	19.9	17.7	0.009	0.0	0.0	0.0	1	0	0	10.75	0.2	14	
G14	0.6	0	0.0	1.8	19.6	17.0	0.010	0.0	0.0	0.0	1	0.6	0	7.94	0.38	14	
BH07	2.4	1.6	0.0	1.3	18.9	17.3	0.011	0.0	0.0	0.0	1	2.4	1.6	14.13	0.26	21	
BH09	0	0	0.0	2.1	18.5	12.2	0.010	0.0	0.0	0.0	1	0	0	6.96	0.19	12	
BH10	0	0	0.0	1.7	20.0	17.3	0.009	0.0	0.0	0.0	1	0	0	8.73	0.19	14	
Site 3B																	
Onsite																	
LG 16	1.5	1	66.8	33.3	18.2	-0.1	0.944	0.0	0.0	>>>	>>	1.5	1	3.34	0.24	3.5	
LG 17	3	1.3	65.0	35.1	12.2	-0.2	0.944	0.0	0.0	>>>	>>	3	1.3	3.61	not sampled	3.9	
LG 21	0	0	51.6	27.8	20.0	3.2	0.803	0.0	0.0	>>>	>>	0	0	dry	not sampled	4	
Offsite																	
G15	0.9	0	0.0	3.4	18.8	14.6	0.010	0.0	0.0	0.0	1	0.9	0	dry	0.28	6	
G16	0	0	0.0	1.9	19.7	18.3	0.009	0.0	0.0	0.0	1	0	0	4.35	0.34	6	
G17	0	0	0.0	1.9	18.5	14.4	0.009	0.0	0.0	0.0	1	0	0	dry	0.37	6	
BH08	0	-1	0.0	3.5	19.9	15.5	0.012	0.0	0.0	0.0	1	0	-1	7.62	0.8	13.5	
Site 3C																	
Onsite																	
MW2	2.8	0	70.0	30.2	16.3	-0.2	0.980	60.0	0.0	>>>	>>	2.8	0	5.21	0.75	5	
LG 14	2.2	0.6	72.1	28.0	17.8	-0.2	0.988	30.0	0.0	>>>	>>	2.2	0.6	10.21	0.37	12	
LG 18	1.9	0.6	67.8	32.3	18.5	-0.2	0.966	30.0	0.0	>>>	>>	1.9	0.6	9.99	0.38	10	
Offsite																	
G09	0	0	3.1	4.2	19.8	15.0	0.157	0.0	0.0	0.0	3.5	0	0	12.78	0.42	14	
G11	0.6	0	0.0	0.6	19.8	19.4	0.011	0.0	0.0	0.0	1	0.6	0	10.18	0.27	15	
BH06	0	0	19.0	17.0	19.1	0.6	0.459	0.0	0.0	>>>	>>	0	0	5.78	ground level	14	

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