

GAS MONITORING DATASHEET														EARTH ENVIRONMENTAL & GEOTECHNICAL	
Site name		Laund Road, Huddersfield								Gas monitor model:					
Job No		A0697								GA2000 multi gas analyser					
BH No	Date (d/m/y)	Atmospheric pressure (mb)	Gas concentration							VOCs	Flow (l/hr)	Water level (mbgl)	Base of respons e zone (mbgl)	Comments on boreholes	Weather
			CH ₄ peak steady (%vol)		CO ₂ peak steady (%vol)		O ₂ (%vol)	CO (ppm)	H ₂ S (ppm)						
WS01	11/9/19	987	0.0	0.0	6.6	6.6	13.2	3	0	6.9	0.00	1.25	2.27	Flush cover, gas tap closed	Windy, some cloud, no rain, rising pressure
	18/9/19	999	0.0	0.0	13.4	13.4	7.5	3	0	6.2	-0.20	1.95	2.31	Flush cover, gas tap closed, excavations near bh	Light wind, cloudy, no rain, rising pressure
	25/9/19	968	0.0	0.0	15.2	15.2	8.7	2	0	13.2	0.10	2.21	2.31	Flush cover, gas tap closed, excavations near bh	Light wind, cloudy, no rain, rising pressure
	01/10/19	969	0.0	0.0	12.2	12.2	9.4	2	0	1.1	10.40	0.54	2.31	Flush cover, gas tap closed, excavations near bh	Moderate wind, overcast, rain, rising pressure
WS02	11/9/19	987	0.0	0.0	3.3	3.3	17.3	3	0	1.5	-7.60	1.45	1.48	Flush cover, gas tap closed	Windy, some cloud, no rain, rising pressure
	18/9/19	999	0.0	0.0	5.1	5.1	12.8	4	0	1.8	0.00	1.45	1.45	Flush cover, gas tap closed	Light wind, cloudy, no rain, rising pressure
	25/9/19	968	0.0	0.0	7.9	7.9	6.6	4	0	19.2	0.00	1.45	1.45	Flush cover, gas tap closed	Light wind, cloudy, no rain, rising pressure
	01/10/19	969	0.0	0.0	8.7	8.7	4.2	3	0	2.8	-0.20	0.93	1.45	Flush cover, gas tap closed	Moderate wind, overcast, rain, rising pressure
WS03	11/9/19	987	0.1	0.0	2.5	2.5	19.3	7	0	16.6	0.00	0.90	1.67	Flush cover, gas tap closed	Windy, some cloud, no rain, rising pressure
	18/9/19	999	0.0	0.0	2.9	2.9	18.7	3	0	4.8	-0.10	0.94	1.67	Flush cover, gas tap closed	Light wind, cloudy, no rain, rising pressure
	25/9/19	968	0.0	0.0						3.6	37.00	0.16	1.67	Flush cover, gas tap closed, water drawn in when pump started	Light wind, cloudy, no rain, rising pressure
	01/10/19	969										0.00	1.67	* BH location Flooded	Moderate wind, overcast, rain, rising pressure
WS04	11/9/19	987	0.0	0.0	8.6	8.6	14.7	4	0	14.4	0.00	2.37	2.71	Flush cover, gas tap closed	Windy, some cloud, no rain, rising pressure
	18/9/19	999	0.0	0.0	3.8	3.8	17.9	5	0	6.4	-0.20	2.36	2.71	Flush cover, gas tap closed	Light wind, cloudy, no rain, rising pressure
	25/9/19	968	0.0	0.0	7.5	7.5	15.5	2	0	12.1	0.10	1.84	2.71	Flush cover, gas tap closed	Light wind, cloudy, no rain, rising pressure
	01/10/19	969	0.0	0.0	4.1	4.1	18.3	0	0	3.4	26.30	0.54	2.71	Flush cover, gas tap closed	Moderate wind, overcast, rain, rising pressure
GSV		Max CO2 (% vol)	15.2												
		Max CH4 (% vol)	0.1												
		Min O2 (% vol)	4.2												
		Max Flow (l/hr)	37.0												
		GSV CO2	5.6240												
		GSV CH4	0.0370												