Ground Gas Monitoring Form

Site Name:	Northons Lane, Holbeach	**RLE Engineer:**	JRH
Job No.	P19-504	**Date:**	26/03/2020

Atmospheric Pressure:	1029 mb	**Weather Conditions:**	Sunny, clear, little wind
State:	Stable	**Temperature:**	11°C

Time	BH Ref.	Gas Flow Rate (l/hr)		Borehole Pressure (Pa)	Methane (% v/v)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		CO (% ppm)		H2S (% ppm)		Depth of Borehole installation (m bgl)	Depth to Water (m bgl)	Barom mb
		Initial	Steady		Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady			
11:57	**WS101**	0	0	31	0	0	0.2	0.2	20.9	20.9	0	0	0	0	2.55	1.34	1029
11:51	**WS102**	0	0	20	0	0	1.1	1.2	20.9	18.9	0	0	0	0	2.41	1.53	1029
12:03	**WS103**	0	0	40	0	0	0.4	0.5	20.3	20.2	0	0	0	0	2.64	1.60	1029
12:08	**WS104**	0	0	52	0	0	0.3	0.3	20.7	20.7	0	0	0	0	2.55	1.50	1029
11:44	**WS105**	0	0	5	0	0	0.5	0.5	21.5	20.9	0	0	0	0	2.05	1.32	1029

NOTES
Monitoring order is from **Left to Right** across this table (expect when using a PID, which should be used first).
Monitoring should be for **NO less than 3 minutes**, unless there have been fluctuations between initial and steady state recorded during the 3 minutes, or high concentrations of gases are initially recorded. Monitoring should then be up to 10 minutes or steady state.

Equipment used:	Infra Red Gas Analyser	Geotechnical Instruments GA5000 Gas Analyser	**Last calibrated:**	23/05/19
	MiniRAE PID	-	**Last calibrated:**	-
Visible signs of vegetation Stress:		-		
Other Comments/ Observations/Tests:		-		