Ground Gas Monitoring Form

Site Name:	Northons Lane, Holbeach	**RLE Engineer:**	JRH
Job No.	P19-504	**Date:**	03/04/2020

Atmospheric Pressure:	1016-1014 mb	**Weather Conditions:**	Overcast, Windy
State:	Falling	**Temperature:**	12 °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			
12:56	**WS101**	-0.2	-0.7	10	0	0	0.3	0.3	20.1	21.1	0	0	0	0	2.50	1.39	1016
12:50	**WS102**	0.3	0.3	28	0	0	1.3	1.3	19.4	19.2	0	0	0	0	2.44	1.54	1016
13:05	**WS103**	-0.1	0	37	0	0	0.6	0.6	20.8	20.9	0	0	0	0	2.62	1.64	1014
13:14	**WS104**	0	0	51	0	0	0.4	0.4	20.8	20.9	0	0	0	0	2.55	1.53	1014
12:40	**WS105**	0	0	6	0	0	0.3	0.3	21.5	21.4	0	0	0	0	2.07	1.37	1016

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:		-		