Ground Gas Monitoring Form

Site Name:	Northons Lane, Holbeach	**RLE Engineer:**	JRH
Job No.	P19-504	**Date:**	19/03/2020

Atmospheric Pressure:	1032 mb	**Weather Conditions:**	Overcast, dry, slight wind
State:	Steady	**Temperature:**	7 °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			
13:00	**WS101**	-0.2	-0.2	21	0.0	0.0	0.1	0.1	21.1	21.2	0.0	0.0	0.0	0.0	2.62	1.31	1032
12:53	**WS102**	-0.2	-0.1	10	0.0	0.0	1.0	1.0	19.7	19.7	0.0	0.0	0.0	0.0	2.51	1.48	1032
13:09	**WS103**	-0.1	-0.1	30	0.0	0.0	0.0	0.1	21.3	21.4	0.0	0.0	0.0	0.0	2.69	1.58	1032
13:15	**WS104**	0.0	0.0	37	0.0	0.0	0.3	0.3	21.2	21.2	0.0	0.0	0.0	0.0	2.61	1.41	1032
12:45	**WS105**	0.0	0.0	0	0.0	0.0	0.2	0.3	21.6	21.5	0.0	0.0	0.0	0.0	2.14	1.21	1032

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:		-		