


IN-SITU GAS MONITORING RESULTS

Start Date	End Date	[Pressures]	Previous	During	Start	End	Equipment Used & Remarks
Round 1	21/05/2019	21/05/2019	Constant	Constant	1013	1013	GA5000 + Weather: Sunny + Ground: Dry + Wind: Light + Air Temp: 18DegC + Round Summary: Gas

Exploratory Position ID	Pipe ref	Pipe diameter (mm)	Monitoring Round	Reported Installation Depth (m)	Measured Installation Depth (mbgl)	Response Zone	Date & Time of Monitoring (elapsed time)	Borehole Pressure (mb)	Atmos Pressure (mb)	Gas Flow (l/hr)	Water Depth (mbgl)	Carbon Dioxide (% / vol)	Methane (% / vol)	Oxygen (% / vol)	LEL (%)	PID (ppm)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
RH-BH-24	1	50	1	6.00	---	1.50 to 6.00	21/05/2019 10:59:00	1012	1012	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-24	1	50	1		---	1.50 to 6.00	10 secs	-	-	0.0 _(SS)	-	-	-	-	-	-	-	-
RH-BH-24	1	50	1 (2)	6.00	---	1.50 to 6.00	21/05/2019 11:00:00	-	-	-	-	0.1	0.0	20.9	>0	2.8	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	15 secs	-	-	-	-	3.8	12.8	12.7	>100	-	1	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	30 secs	-	-	-	-	3.9	12.8	11.0	>100	-	1	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	60 secs	-	-	-	-	3.8	12.7	11.1	>100	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	90 secs	-	-	-	-	3.7	12.2	11.5	>100	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	120 secs	-	-	-	-	3.6	11.5	12.0	>100	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	180 secs	-	-	-	-	3.2	9.4	13.7	>100	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	240 secs	-	-	-	-	2.8	7.4	15.2	>100	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	300 secs	-	-	-	-	2.1	4.3	17.4	86.0	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	360 secs	-	-	-	-	1.5	1.3	19.4	26.0	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	420 secs	-	-	-	-	1.2	0.4	20.1	8.0	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	480 secs	-	-	-	-	1.2	0.3	20.3	6.0	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	540 secs	-	-	-	-	1.2	0.2	20.3	4.0	-	0	0
RH-BH-24	1	50	1 (2)		---	1.50 to 6.00	600 secs	-	-	-	-	1.2	0.3	20.3	6.0	-	0	0
RH-BH-24	1	50	1 (3)	6.00	5.72	1.50 to 6.00	21/05/2019 11:12:00	-	-	-	4.49	-	-	-	-	-	-	-

Key: I = Initial, P = Peak, SS = Steady State. Note: LEL = Lower Explosive Limit = 5% v/v.


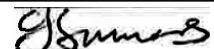

 <p>STRUCTURAL SOILS The Old School Stillhouse Lane Bedminster Bristol BS3 4EB</p>	Compiled By	Date	Checked By	Date	Contract Ref:
	<i>JS</i>	30/5/19	<i>AJ</i>	29/5/19	563121
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IN-SITU GAS MONITORING RESULTS

Exploratory Position ID	Pipe ref	Pipe diameter (mm)	Monitoring Round	Reported Installation Depth (m)	Measured Installation Depth (mbgl)	Response Zone	Date & Time of Monitoring (elapsed time)	Borehole Pressure (mb)	Atmos Pressure (mb)	Gas Flow (l/hr)	Water Depth (mbgl)	Carbon Dioxide (% / vol)	Methane (% / vol)	Oxygen (% / vol)	LEL (%)	PID (ppm)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
RH-BH-25	1	50	1	3.50	---	1.00 to 3.50	21/05/2019 10:49:00	1012	1012	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-25	1	50	1		---	1.00 to 3.50	10 secs	-	-	0.0 _(SS)	-	-	-	-	-	-	-	-
RH-BH-25	1	50	1 (2)	3.50	---	1.00 to 3.50	21/05/2019 10:50:00	-	-	-	-	0.1	0.0	20.9	-	10.2	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	30 secs	-	-	-	-	2.0	0.0	19.8	-	-	1	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	60 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	90 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	120 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	180 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	240 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	300 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (2)		---	1.00 to 3.50	360 secs	-	-	-	-	2.0	0.0	19.3	-	-	0	0
RH-BH-25	1	50	1 (3)	3.50	3.61	1.00 to 3.50	21/05/2019 10:57:00	-	-	-	DRY	-	-	-	-	-	-	-
RH-BH-26	1	50	1	5.00	---	1.00 to 5.00	21/05/2019 10:38:00	1013	1013	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-26	1	50	1		---	1.00 to 5.00	10 secs	-	-	0.0 _(SS)	-	-	-	-	-	-	-	-
RH-BH-26	1	50	1 (2)	5.00	---	1.00 to 5.00	21/05/2019 10:39:00	-	-	-	-	0.1	0.0	20.8	-	8.1	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	15 secs	-	-	-	-	0.5	0.0	20.7	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	30 secs	-	-	-	-	0.5	0.0	20.6	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	60 secs	-	-	-	-	0.5	0.0	20.6	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	90 secs	-	-	-	-	0.5	0.0	20.6	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	120 secs	-	-	-	-	0.6	0.0	20.5	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	180 secs	-	-	-	-	0.7	0.0	20.5	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	240 secs	-	-	-	-	0.7	0.0	20.5	-	-	0	0
RH-BH-26	1	50	1 (2)		---	1.00 to 5.00	300 secs	-	-	-	-	0.7	0.0	20.5	-	-	0	0
RH-BH-26	1	50	1 (3)	5.00	4.71	1.00 to 5.00	21/05/2019 10:45:00	-	-	-	DRY	-	-	-	-	-	-	-

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IN-SITU GAS MONITORING RESULTS

Exploratory Position ID	Pipe ref	Pipe diameter (mm)	Monitoring Round	Reported Installation Depth (m)	Measured Installation Depth (mbgl)	Response Zone	Date & Time of Monitoring (elapsed time)	Borehole Pressure (mb)	Atmos Pressure (mb)	Gas Flow (l/hr)	Water Depth (mbgl)	Carbon Dioxide (% / vol)	Methane (% / vol)	Oxygen (% / vol)	LEL (%)	PID (ppm)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
RH-BH-27	1	50	1	4.50	---	2.00 to 4.50	21/05/2019 11:33:00	1012	1012	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-27	1	50	1		---	2.00 to 4.50	10 secs	-	-	0.0 _(SS)	-	-	-	-	-	-	-	-
RH-BH-27	1	50	1 (2)	4.50	---	2.00 to 4.50	21/05/2019 11:34:00	-	-	-	-	0.0	0.0	20.8	-	13.2	0	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	15 secs	-	-	-	-	0.6	0.0	20.5	-	-	1	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	30 secs	-	-	-	-	0.6	0.0	20.4	-	-	1	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	60 secs	-	-	-	-	0.6	0.0	20.4	-	-	1	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	90 secs	-	-	-	-	0.6	0.0	20.4	-	-	1	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	120 secs	-	-	-	-	0.6	0.0	20.4	-	-	1	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	180 secs	-	-	-	-	0.6	0.0	20.4	-	-	1	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	240 secs	-	-	-	-	0.6	0.0	20.4	-	-	0	0
RH-BH-27	1	50	1 (2)		---	2.00 to 4.50	300 secs	-	-	-	-	0.6	0.0	20.4	-	-	0	0
RH-BH-27	1	50	1 (3)	4.50	4.70	2.00 to 4.50	21/05/2019 11:40:10	-	-	-	DRY	-	-	-	-	-	-	-
RH-BH-28	1	50	1	5.00	---	2.00 to 5.00	21/05/2019 11:24:00	1012	1012	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-28	1	50	1		---	2.00 to 5.00	1 secs	-	-	0.2 _(SS)	-	-	-	-	-	-	-	-
RH-BH-28	1	50	1 (2)	5.00	---	2.00 to 5.00	21/05/2019 11:25:00	-	-	-	-	0.1	0.0	20.9	-	4.7	0	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	15 secs	-	-	-	-	0.6	0.0	20.7	-	-	4	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	30 secs	-	-	-	-	0.6	0.0	20.6	-	-	6	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	60 secs	-	-	-	-	0.6	0.0	20.6	-	-	5	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	90 secs	-	-	-	-	0.6	0.0	20.6	-	-	5	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	120 secs	-	-	-	-	0.6	0.0	20.6	-	-	5	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	180 secs	-	-	-	-	0.6	0.0	20.6	-	-	5	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	240 secs	-	-	-	-	0.5	0.0	20.6	-	-	5	0
RH-BH-28	1	50	1 (2)		---	2.00 to 5.00	300 secs	-	-	-	-	0.5	0.0	20.6	-	-	5	0

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IN-SITU GAS MONITORING RESULTS

Exploratory Position ID	Pipe ref	Pipe diameter (mm)	Monitoring Round	Reported Installation Depth (m)	Measured Installation Depth (mbgl)	Response Zone	Date & Time of Monitoring (elapsed time)	Borehole Pressure (mb)	Atmos Pressure (mb)	Gas Flow (l/hr)	Water Depth (mbgl)	Carbon Dioxide (% / vol)	Methane (% / vol)	Oxygen (% / vol)	LEL (%)	PID (ppm)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
RH-BH-28	1	50	1 (3)	5.00	4.61	2.00 to 5.00	21/05/2019 11:31:10	-	-	-	1.71	-	-	-	-	-	-	-
RH-BH-29	1	50	1	5.00	---	2.00 to 5.00	21/05/2019 11:51:00	1012	1012	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-29	1	50	1		---	2.00 to 5.00	10 secs	-	-	0.0 _(SS)	-	-	-	-	-	-	-	-
RH-BH-29	1	50	1 (2)	5.00	---	2.00 to 5.00	21/05/2019 11:52:00	-	-	-	-	0.1	0.0	20.8	-	0.0	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	15 secs	-	-	-	-	0.1	0.0	20.7	-	-	1	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	30 secs	-	-	-	-	0.2	0.0	20.7	-	-	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	60 secs	-	-	-	-	0.2	0.0	20.6	-	-	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	90 secs	-	-	-	-	0.2	0.0	20.6	-	-	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	120 secs	-	-	-	-	0.2	0.0	20.7	-	-	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	180 secs	-	-	-	-	0.1	0.0	20.7	-	-	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	240 secs	-	-	-	-	0.1	0.0	20.7	-	-	0	0
RH-BH-29	1	50	1 (2)		---	2.00 to 5.00	300 secs	-	-	-	-	0.1	0.0	20.7	-	-	0	0
RH-BH-29	1	50	1 (3)	5.00	5.03	2.00 to 5.00	21/05/2019 11:59:00	-	-	-	1.38	-	-	-	-	-	-	-
RH-BH-30	1	50	1	2.00	---	1.00 to 2.00	21/05/2019 12:02:00	1012	1012	0.0 _(I)	-	-	-	-	-	-	-	-
RH-BH-30	1	50	1		---	1.00 to 2.00	30 secs	-	-	0.1 _(SS)	-	-	-	-	-	-	-	-
RH-BH-30	1	50	1 (2)	2.00	---	1.00 to 2.00	21/05/2019 12:03:00	-	-	-	-	0.1	0.0	20.7	-	0.0	0	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	15 secs	-	-	-	-	0.1	0.0	20.6	-	-	1	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	30 secs	-	-	-	-	0.1	0.0	20.5	-	-	0	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	60 secs	-	-	-	-	0.1	0.0	20.5	-	-	0	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	90 secs	-	-	-	-	0.1	0.0	20.5	-	-	0	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	120 secs	-	-	-	-	0.1	0.0	20.6	-	-	0	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	180 secs	-	-	-	-	0.1	0.0	20.6	-	-	0	0
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	240 secs	-	-	-	-	0.1	0.0	20.6	-	-	0	0

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Exploratory Position ID	Pipe ref	Pipe diameter (mm)	Monitoring Round	Reported Installation Depth (m)	Measured Installation Depth (mbgl)	Response Zone	Date & Time of Monitoring (elapsed time)	Borehole Pressure (mb)	Atmos Pressure (mb)	Gas Flow (l/hr)	Water Depth (mbgl)	Carbon Dioxide (% / vol)	Methane (% / vol)	Oxygen (% / vol)	LEL (%)	PID (ppm)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
RH-BH-30	1	50	1 (2)		---	1.00 to 2.00	300 secs	-	-	-	-	0.1	0.0	20.6	-	-	0	0
RH-BH-30	1	50	1 (3)	2.00	2.00	1.00 to 2.00	21/05/2019 12:09:40	-	-	-	DRY	-	-	-	-	-	-	-

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