



Ground Gas and PID Monitoring Results



Project ID:	GL25623	Client:	Campbell Reith Hill LLP	Equipment	Model / Serial Number	Manufacturer's Calibration Date
Date:	09/12/2022	Location:	St Pancras Hospital	Gas Analyser:	GA5000 / G501752	29/11/2022
Weather conditions:	Cloudy and dry			PID:	Tiger Handheld VOC Detector / T-108275	05/05/2022
Pump Running Time (Purge): Standard 30 secs. Pump Running Time (Monitoring): Standard 180 secs. Flow Details: 5 sec average for 1 min.				Details: "<" indicates reading is under the detection limit. ">" indicates reading is over the upper limit. "**" level to be determined.		

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Air Temp (°C)	Atmospheric Pressure 48Hrs Prior to	Atmospheric Pressure 24Hrs Prior to	Atmospheric Pressure 3Hrs Prior to	Atmospheric Pressure When Monitored (mB)	Relative Pressure (mB)	Peak PID (ppm)	Stable PID (ppm)	Methane (%)	Peak Methane (%)	Methane LEL (%)	Carbon Dioxide (%)	Oxygen (%)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)	Flow (l/hr)	Sample Ref	Remarks	
BH01	PIPE1 (50mm)	09/12/2022	13:00:00	6.8	1020	1010	1008	1006	0.15	6.2	N/A	<0.1	<0.1	<2	0.3	21.3	<1	<1	0.1			
			13:00:15								4.1		<0.1			2.5	19.0	<1	<1	0.1		
			13:00:30								3.4		<0.1			2.6	9.4	<1	<1	0.1		
			13:00:45								3.1		<0.1			2.6	6.5	<1	<1	0.1		
			13:01:00								3.0		<0.1			2.6	5.8	<1	<1	0.0		
			13:01:30								2.8		<0.1			2.6	5.5	<1	<1	0.0		
			13:02:00								2.7		<0.1			2.6	5.4	<1	<1	0.0		
BH02	PIPE1 (50mm)	09/12/2022	13:30:00	6.5	1020	1010	1008	1006	0.00	1.7	N/A	<0.1	<0.1	<2	0.3	21.3	<1	<1	0.0			
			13:30:15								1.6		<0.1			0.3	21.3	<1	<1	0.0		
			13:30:30								1.4		<0.1			0.3	21.4	<1	<1	0.0		
			13:30:45								1.3		<0.1			0.3	21.4	<1	<1	0.0		
			13:31:00								1.2		<0.1			0.3	21.4	<1	<1	0.0		
			13:31:30								1.1		<0.1			0.3	21.4	<1	<1	0.0		
			13:32:00								1.0		<0.1			0.3	21.4	<1	<1	0.0		
BH04	PIPE1 (50mm)	09/12/2022	14:05:00	6.8	1019	1010	1008	1007	-0.07	1.2	0.8	<0.1	<0.1	<2	2.4	20.6	<1	<1	0.0			
			14:05:15								1.4		<0.1			2.3	18.7	<1	<1	0.0		
			14:05:30								1.2		<0.1			2.3	15.1	<1	<1	0.0		
			14:05:45								1.2		<0.1			2.3	14.5	<1	<1	0.0		
			14:06:00								1.1		<0.1			2.3	14.3	<1	<1	0.0		
			14:06:30								1.0		<0.1			2.3	14.3	<1	<1	0.0		
			14:07:00								0.9		<0.1			2.3	14.3	<1	<1	0.0		
WS01	PIPE1 (50mm)	09/12/2022	13:15:00	6.5	1020	1010	1008	1007	-0.02	1.8	N/A	<0.1	<0.1	<2	0.4	20.8	<1	<1	0.0			
			13:15:15								2.2		<0.1			0.7	20.8	<1	<1	0.0		
			13:15:30								1.8		<0.1			0.7	20.5	<1	<1	0.0		
			13:15:45								1.7		<0.1			0.7	20.4	<1	<1	0.0		
			13:16:00								1.6		<0.1			0.7	20.4	<1	<1	0.0		
			13:16:30								1.4		<0.1			0.7	20.4	<1	<1	0.0		
			13:17:00								1.3		<0.1			0.7	20.4	<1	<1	0.0		
WS02	PIPE1 (50mm)	09/12/2022	13:45:00	6.7	1019	1010	1008	1006	0.03	0.3	N/A	<0.1	<0.1	<2	0.3	21.6	<1	<1	0.0			
			13:45:15								1.4		<0.1			4.3	17.1	<1	<1	0.0		
			13:45:30								1.7		<0.1			4.4	16.5	<1	<1	0.0		
			13:45:45								1.1		<0.1			4.4	15.8	<1	<1	0.0		
			13:46:00								1.0		<0.1			4.4	15.6	<1	<1	0.0		
			13:46:30								0.9		<0.1			4.4	15.6	<1	<1	0.0		
			13:47:00								0.8		<0.1			4.4	15.6	<1	<1	0.0		
WS04	PIPE1 (50mm)	09/12/2022	13:50:00	6.6	1019	1010	1008	1007	0.10	2.0	0.8	<0.1	<0.1	<2	0.4	21.8	<1	<1	0.0			
			13:50:15								1.5		<0.1			1.8	21.5	<1	<1	0.0		
			13:50:30								1.3		<0.1			1.8	21.0	<1	<1	0.0		
			13:50:45								1.2		<0.1			1.8	20.9	<1	<1	0.0		
			13:51:00								1.1		<0.1			1.8	20.9	<1	<1	0.0		
			13:51:30								1.0		<0.1			1.9	20.8	<1	<1	0.0		
			13:52:00								0.9		<0.1			1.9	20.8	<1	<1	0.0		
13:53:00								0.8		<0.1			2.2	20.7	<1	<1	0.0					