

Gas Monitoring Results December 2021-January 2022

BH101										
Date	08/12/2021		13/12/2021		17/12/2021		11/01/2022		14/01/2022	
GW Level (mbgl)	None encountered		None encountered		None encountered		None encountered		None encountered	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	1.7	1.8	0.2	0.4	0.1	0.3	0	0	0	0
DP Borehole Pressure (Pa)	8	9	4	7	3	6	0	0	0	0
CH4 (%v/v)	-0.8	0	0	0	0	0	-0.1	-0.1	-0.1	-0.1
CO2 (%v/v)	4.5	4.8	3.1	2.3	1	1.3	1.4	1.1	0.3	0.7
O2 (%v/v)	11	11.3	17.3	17.6	20.2	19.5	19.5	19.2	20.3	20
H2S (ppm)	0	0	0	0	0	0	0	0	0	0
CO (ppm)	10	0	0	0	0	0	10	0	10	10
atm pressure (mb)	969	969	1012	1013	1035	1033	1022	1021	1030	1028
BH102										
GW Level (mbgl)	5.11		4.695		4.74		4.25		4.4625	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	0.6	0.6	0	0	0	0	0	0	0	0
DP Borehole Pressure (Pa)	3	3	0	1	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	-0.1	-0.1	-0.1	-0.1
CO2 (%v/v)	7.6	9.4	7.4	9.3	7.1	8.5	7.5	8.7	4.2	8.7
O2 (%v/v)	7.5	5.8	8.8	5	8.6	5.7	7.3	3.5	12.5	4.2
H2S (ppm)	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0
atm pressure (mb)	972	974	1012	1012	1033	1034	1023	1024	1033	1035

WS01										
GW Level (mbgl)	4.03		2.625		2.905		2.705		2.935	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	0.3	0.1	0.7	0.7	0.4	0.5	0	0	0	0
DP Borehole Pressure (Pa)	2	1	13	13	7	9	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	-0.1	-0.1	-0.1	-0.1	-0.1
CO2 (%v/v)	4.4	3.5	4.7	5	3.8	5.1	6.9	7.1	1.2	7
O2 (%v/v)	15.3	17.4	16.4	15.6	18.2	15.1	12.3	11.8	20	12.5
H2S (ppm)	25	0	0	0	0	0	0	0	0	0
CO (ppm)	10	0	0	0	0	0	0	0	0	0
atm pressure (mb)	969	970	1013	1012	1033	1033	1021	1021	1027	1027
WS02										
GW Level (mbgl)	0.525		0.795		0.9375		0.885		1.002	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	13.2	0.4	-0.3	-0.1	0	0.6	-0.1	0	0	0
DP Borehole Pressure (Pa)	12.5	2	-3	-1	0	11	-1	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	-0.1	-0.1	0	0
CO2 (%v/v)	4.4	5.7	4.4	2	4.6	2.1	5.3	2.2	1.7	2.2
O2 (%v/v)	17.4	17	17.2	18.9	17.4	19	16.4	19	19.7	18.8
H2S (ppm)	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0
atm pressure (mb)	970	972	1012	1012	1032	1033	1021	1022	1027	1029

WS03										
GW Level (mbgl)	0.02		0.74		0.22		0.17		0.31	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	1.6	1.5	-0.8	-0.6	-0.4	0.3	0	0	-2.3	0
DP Borehole Pressure (Pa)	14	12	-12	-8	-9	6	0	0	-10	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	4	3.6	0.6	0.8	1	0.5	1.7	0.6	0.9	0.4
O2 (%v/v)	19	19.1	20.2	19.4	20.1	19.9	20	20.2	19.6	20
H2S (ppm)	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	10	0	0	0	0	0	0	0	0
atm pressure (mb)	972	972	1013	1012	1033	1033	1023	1022	1029	1031
WS04										
GW Level (mbgl)	1.005		1.035		1.1475		1.2575		1.2775	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	0.3	0.4	-1.2	-1.2	0.7	0.7	0	0	0	0
DP Borehole Pressure (Pa)	2	2	-20	-18	12	12	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	2.5	8.5	4.3	5	4	6.4	1.8	0.5	0.4	2.4
O2 (%v/v)	19.2	7.2	14.5	11.6	17.3	11.2	12.1	20.2	19.7	16.9
H2S (ppm)	0	0	0	0	0	0	0	0	0	0
CO (ppm)	10	0	0	0	0	0	0	0	0	0
atm pressure (mb)	972	972	1012	1013	1033	1033	1025	1026	1033	1032

WS05										
GW Level (mbgl)	None encountered		1.09		1.105		1.078		1.079	
Readings	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady
Flow (l/hr)	0.5	0.5	-3.9	-3.9	0.6	0.6	0	0	0	0
DP Borehole Pressure (Pa)	3	3	-37	-37	12	12	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	-0.1	0	-0.1
CO2 (%v/v)	4.8	4.4	4.2	4.2	3.8	4.4	2.7	4.7	2.1	4.3
O2 (%v/v)	10.7	9.7	10.4	9.9	12.2	9.2	16.5	10.4	17.9	11.3
H2S (ppm)	0	0	0	0	0	0	0	0	0	0
CO (ppm)	10	0	0	0	0	0	0	0	0	0
atm pressure (mb)	972	972	1013	1012	1033	1033	1022	1023	1031	1033

