



Pollutant Monitoring Results - Subsurface Gas

EPL No:	4865
Entity Name	Enviroguard Pty Ltd
Site:	4 Quarry Road, Erskine Park NSW
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

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	Methane (CH4) Post-purge	Carbon Dioxide (CO2) Post-purge	Oxygen Post-purge	Flow l/hr	Depth to water mBGL	Comments	
GS1 (EPA ID 23)	15-Dec-23	0	0			Sample tube in well - unable to gauge	
	20-Mar-24	10.3	19.9				
	20-Jun-24	13.7	22.7				
	24-Jul-24	11.4	19.7	0.5	0		
	22-Aug-24	9.4	19.8	1.4	-0.3		7.98
	25-Sep-24	6.7	19.7	0.9	0		7.25
	Number of samples required	6	6	3	3		3
	Number of Samples collected	6	6	3	3		3
	Min	0	0	0.5	-0.3		7.25
	Max	13.7	22.7	3	3		7.98
	Avg	8.58	16.97	1.45	0.68		7.62
GS2 (EPA ID 24)	15-Dec-23	0	13.7				
	20-Mar-24	0	16.7				
	20-Jun-24	0	10.5				
	24-Jul-24	0	7.9	5.8	0		5.67
	22-Aug-24	0	0.2	9.9	0		5.36
	22-Sep-24	0	6.2	9.9	0		5.36
	Number of samples required	6	6				
	Number of Samples collected	6	6	3	3		3
	Min	0	0.2	5.8	0		5.36
	Max	0	16.7	9.9	0		5.67
	Avg	0.00	9.20	8.53	0.00		5.46
GS3R (EPA ID 25)	15-Dec-23	55.7	36				
	20-Mar-24	62.1	37.7				
	20-Jun-24	63.8	36				
	24-Jul-24	58	32.3	0.7	0		8.12
	22-Aug-24	63	36.9	0	3.9		8.14
	25-Sep-24	59.5	36.6	0.2	3.4		8.14
	Number of samples required	6	6				
	Number of Samples collected	6	6	3	3		3
	Min	55.7	32.3	0	0		8.12
	Max	63.8	37.7	0.7	3.9		8.14
	Avg	60.35	35.92	0.30	2.43		8.13
GS4 (EPA ID 26)	15-Dec-23	0	3.3			Sample tube in well - unable to gauge	
	20-Mar-24	0	6.9				
	20-Jun-24	29	25.3				
	24-Jul-24	24.4	24.2	0.3	0		-
	22-Aug-24	32.1	28.3	0.7	0.7		22.36
	25-Sep-24	29.1	30.1	1.1	0		22.37
	Number of samples required	6	6				
	Number of Samples collected	6	6	3	3		3
	Min	0	3.3	0.3	0		22.36
	Max	32.1	30.1	1.1	0.7		22.37
	Avg	19.10	19.68	0.70	0.23		22.37

	Methane (CH4) Post-purge	Carbon Dioxide (CO2) Post-purge	Oxygen Post-purge	Flow l/hr	Depth to water mBGL	Comments
GS6 (EPA ID 29)	15-Dec-23	0	21.9			
	20-Mar-24	0	24.2			
	20-Jun-24	0	0.3			
	24-Jul-24	0	1.7	19.3	0	6.18
	22-Aug-24	0	19.4	0.6	0	6.23
	25-Sep-24	0	19.8	0.8	0	5.62
	Number of samples required	6	6			
	Number of Samples collected	6	6	3	3	3
	Min	0	0.3	0.6	0	5.62
	Max	0	24.2	19.3	0	6.23
	Avg	0.00	14.55	6.90	0.00	6.01
GS7R (EPA ID 31)	15-Dec-23	0	2.1			
	20-Mar-24	0	4.4			
	20-Jun-24	0	3.4			
	24-Jul-24	0	3.7	15.4	0	4.75
	22-Aug-24	0	4.3	15.7	0	4.12
	25-Sep-24	0	3.4	18	0	4.23
	Number of samples required	6	6			
	Number of Samples collected	6	6	3	3	3
	Min	0	2.1	15.4	0	4.12
	Max	13.7	4.4	18	0	4.75
	Avg	8.58	3.55	16.37	0.00	4.37
GS8 (EPA ID 32)	15-Dec-23	0	1.9			
	20-Mar-24	0	3.8			
	20-Jun-24	0	8.2			
	24-Jul-24	0	1.8	18.8	0	12.47
	22-Aug-24	0	3.5	15.5	-0.4	11.94
	25-Sep-24	0	5.2	15.3	0	11.97
	Number of samples required	6	6			
	Number of Samples collected	6	6	3	3	3
	Min	0	1.8	15.3	-0.4	11.94
	Max	13.7	8.2	18.8	0	12.47
	Avg	8.58	4.07	16.53	-0.13	12.13
GS9 (EPA ID 27)	15-Dec-23	0	2			
	20-Mar-24	0	0.9			
	20-Jun-24	0	3			
	24-Jul-24	0	2.2	17.6	0	Dry
	22-Aug-24	0	1.7	20.1	0	4.93
	25-Sep-24	0	2.2	19.5	0	4.9
	Number of samples required	6	6			
	Number of Samples collected	6	6	3	3	3
	Min	0	0.9	17.6	0	4.9
	Max	13.7	3	20.1	0	4.93
	Avg	8.58	2.00	19.07	0.00	4.92
GS11 (EPA ID 36)	15-Dec-23	0	1.6			
	20-Mar-24	0	3.2			
	20-Jun-24	0	4.6			
	24-Jul-24	0	5	6.8	0	Dry
	22-Aug-24	0	4.1	12.9	0	8.45
	25-Sep-24	0	3.8	14	0	8.39
	Number of samples required	6	6			
	Number of Samples collected	6	6	3	3	3
	Min	0	1.6	6.8	0	8.39
	Max	0	5	14	0	8.45
	Avg	0.00	3.72	11.23	0.00	8.42

Note:
Monthly monitoring commenced in July 2024 for Monitoring Points 23, 24, 25, 26, 29, 31, 32.