



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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	Date Uploaded	Date Monitoring Data Obtained	Date Monitored	Methane (CH4)	Carbon Dioxide (CO2)	Oxygen (O)	Balance (% v/v)	Flow	Depth to water	Is flow representative? ^a	Comments
				Post-purge	Post-purge	Post-purge	Post-purge	L/hr	mBGL	Y/N	
GS1 (EPA ID 23)			01-Oct-24	8.5	20	1.1	70.4	-	-	-	Weekly monitoring - well not gauged
			10-Oct-24	7.5	18.8	1.8	71.8	-	-	-	Weekly monitoring - well not gauged
			16-Oct-24	5.1	17.1	2	-	-0.5	7.3	-	Monthly monitoring
			18-Oct-24	6	15.2	5.5	73.4	-	-	-	Weekly monitoring - well not gauged, pump failure
			21-Oct-24	5.8	16.5	4.8	72.9	-0.1	-	-	Weekly monitoring - well not gauged
			30-Oct-24	6.4	18.1	3	72.5	0.1	-	-	Weekly monitoring - well not gauged
			07-Nov-24	6.1	18.1	2.9	73	0.4	-	-	Weekly monitoring - well not gauged
			15-Nov-24	5.7	18.5	3.5	72.2	0.5	-	-	Weekly monitoring - well not gauged
			18-Nov-24	5.8	18.7	2.5	73	0.7	-	-	Weekly monitoring - well not gauged
			29-Nov-24	5.2	17.5	2	-	0	8.16	-	Monthly monitoring
			27-Nov-24	5.6	19.4	1.9	73.1	0.6	-	-	Weekly monitoring - well not gauged
			06-Dec-24	3.1	12.2	7.2	77.5	0.7	-	-	Weekly monitoring - well not gauged
			13-Dec-24	5.3	16.7	3.1	75	0.5	-	-	Weekly monitoring - well not gauged
			18-Dec-24	6.2	18.7	2.1	73	0.4	-	-	Weekly monitoring - well not gauged
			19-Dec-24	5.8	17	1.8	-	0.5	-	-	Monthly monitoring
			10-Jan-25	6.4	19.8	1.2	72.6	0.6	8.22	-	Weekly monitoring - well not gauged
			17-Jan-25	6.6	20.4	0.9	72.1	0.6	-	-	Weekly monitoring - well not gauged
			23-Jan-25	6.8	20.1	1	72.1	0.6	-	-	Weekly monitoring - well not gauged
	14-Feb-25	13-Feb-25	30-Jan-25	6.1	18.1	1.2	-	0.2	-	-	Monthly monitoring - well not gauged
	05-Feb-25	31-Jan-25	31-Jan-25	6.9	21	0.8	71.3	0.9	-	-	Weekly monitoring - well not gauged
	07-Feb-25	07-Feb-25	07-Feb-25	7	20.7	1	71.3	0.6	8.1	-	Weekly monitoring
	14-Feb-25	12-Feb-25	12-Feb-25	4.3	12	8.3	75.4	0.3	8.39	-	Weekly monitoring
	07-Mar-25	19-Feb-25	19-Feb-25	4	10.5	10.3	75.2	0.2	8.21	-	Weekly monitoring
	20-Mar-25	19-Mar-25	28-Feb-25	4.4	11.8	6.3	77.5	0	7.43	Y	Monthly monitoring
	11-Mar-25	07-Mar-25	07-Mar-25	1.7	5.1	15.7	77.3	0.6	8.29	-	Weekly monitoring
	20-Mar-25	13-Mar-25	13-Mar-25	0.8	2.9	18	78.3	0.5	7.45	-	Weekly monitoring
	20-Mar-25	17-Mar-25	17-Mar-25	1.8	6	14	78.1	0	8.27	-	Weekly monitoring
	16-Apr-25	02-Apr-25	02-Apr-25	5	16.9	4.4	73.7	0.7	8.12	-	Weekly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			28	28	28	28	28	11	1	
	Min			0.8	2.9	0.8	70.4	-0.5	7.3		
	Max			8.5	21	18	78.3	0.9	8.39		
	Avg			5.35	15.99	4.58	73.86	0.38	7.99		
GS2 (EPA ID 24)			16-Oct-24	0	9.7	9.2	-	0	5.25	-	Monthly monitoring
			29-Nov-24	0	12.6	7.8	-	0	5.75	-	Monthly monitoring
			19-Dec-24	0	13.6	7.3	-	0.3	5.52	-	Monthly monitoring
	07-Feb-25	06-Feb-25	30-Jan-25	0	14	8.5	-	0.3	-	-	Monthly monitoring, well not gauged
	20-Mar-25	19-Mar-25	28-Feb-25	0	13.5	8.6	77.9	0	Dry	Yes	Monthly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			5	3	3	0	3	3	1	
	Min			0	9.7	7.3	77.9	0	5.25		
	Max			0	14	9.2	77.9	0.3	5.75		
	Avg			0.00	12.68	8.28	77.90	0.12	5.51		
GS3R (EPA ID 25)			01-Oct-24	64.6	36.3	0	0	-	-	-	Weekly monitoring - well not gauged
			10-Oct-24	64.3	36.5	0	0	-	-	-	Weekly monitoring - well not gauged
			16-Oct-24	57.5	34.4	0.1	-	3.9	8.13	-	Monthly monitoring
			18-Oct-24	64.2	36.6	0.1	0	-	-	-	Weekly monitoring - well not gauged
			21-Oct-24	61.1	37.7	0	1.2	0.2	-	-	Weekly monitoring - well not gauged
			30-Oct-24	59.4	36.9	0	4	0.2	-	-	Weekly monitoring - well not gauged
			07-Nov-24	58.5	37.2	0.1	4	0.6	-	-	Weekly monitoring - well not gauged
			15-Nov-24	60.6	38.1	0.1	1.1	0.6	-	-	Weekly monitoring - well not gauged
			18-Nov-24	60.5	37.8	0	1.6	0.8	-	-	Weekly monitoring - well not gauged
			29-Nov-24	59.4	36.5	0	-	3.1	8	-	Monthly monitoring
			27-Nov-24	-	-	-	-	-	-	-	Weekly monitoring - well not gauged, Device fault
			06-Dec-24	50.5	32.1	0	18.6	0.7	-	-	Weekly monitoring - well not gauged
			13-Dec-24	56.9	37.4	0	5.9	0.5	-	-	Weekly monitoring - well not gauged
			18-Dec-24	58.4	38.9	0	2.7	0.3	-	-	Weekly monitoring - well not gauged
			19-Dec-24	62.4	37.5	0	-	0.1	8.31	-	Monthly monitoring
			10-Jan-25	59.9	38.4	0	1	0.5	-	-	Weekly monitoring - well not gauged
			17-Jan-25	60.3	38.6	0	1.7	0.6	-	-	Weekly monitoring - well not gauged
			23-Jan-25	59.8	38.1	0	1	0.6	-	-	Weekly monitoring - well not gauged
	14-Feb-25	13-Feb-25	30-Jan-25	0	0.2	20.6	-	0.4	-	-	Monthly monitoring - well not gauged
	05-Feb-25	31-Jan-25	31-Jan-25	60.7	38.9	0	0.3	0.6	-	-	Weekly monitoring - well not gauged
	07-Feb-25	07-Feb-25	07-Feb-25	58.9	37.9	0	3.6	0.6	8.7	-	Weekly monitoring
	14-Feb-25	12-Feb-25	12-Feb-25	58.7	37.9	0	3.4	0.6	7.99	-	Weekly monitoring
	07-Mar-25	19-Feb-25	19-Feb-25	59.3	38.1	0	2.2	0.6	7.6	-	Weekly monitoring
	20-Mar-25	19-Mar-25	28-Feb-25	58.5	36.5	0	5	3.5	8.11	Yes	Monthly monitoring
	11-Mar-25	07-Mar-25	07-Mar-25	60.3	34.8	0	4.7	0.5	8.9	-	Weekly monitoring
	20-Mar-25	13-Mar-25	13-Mar-25	61.3	38	0	0.6	0.6	8.63	-	Weekly monitoring
	20-Mar-25	17-Mar-25	17-Mar-25	61	38.3	0	0.7	0.7	8.06	-	Weekly monitoring
	16-Apr-25	02-Apr-25	02-Apr-25	61.5	38.3	0	0.2	0.7	8.05	-	Weekly monitoring
	29-Apr-25	17-Apr-25	17-Apr-25	63.9	37	0.2	0	0	8.05	-	Weekly monitoring
	29-Apr-25	23-Apr-25	23-Apr-25	63.9	36.6	0.1	0	0.2	8.09	-	Weekly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			29	29	29	25	26	13	1	
	Min			0	0.2	0	0	0	7.6		
	Max			64.6	38.9	20.6	18.6	3.9	8.9		
	Avg			58.15	35.91	0.73	2.54	0.83	8.20		
			01-Oct-24	35.1	33.1	0	31.9	-	-	-	Weekly monitoring - well not gauged
			10-Oct-24	37.2	33.3	0	29.6	-	-	-	Weekly monitoring - well not gauged
			16-Oct-24	34.7	30.8	0.2	-	0	22.4	-	Monthly monitoring
			18-Oct-24	29.6	24	4.4	42	-	-	-	Weekly monitoring - well not gauged, pump failure
			21-Oct-24	37.9	35.3	0.1	26.7	0	-	-	Weekly monitoring - well not gauged
			30-Oct-24	30	30.7	1	38.3	0.2	-	-	Weekly monitoring - well not gauged
			07-Nov-24	27.6	30.2	1.8	40.3	0.5	-	-	Weekly monitoring - well not gauged
			15-Nov-24	20.4	23.3	5.2	51.2	0.4	-	-	Weekly monitoring - well not gauged
			18-Nov-24	25.3	30.4	0.3	43.7	0.6	-	-	Weekly monitoring - well not gauged
			29-Nov-24	12.4	14.2	10.2	-	0	23.33	-	Monthly monitoring
			27-Nov-24	21.1	25.8	3.1	49.9	0.5	-	-	Weekly monitoring - well not gauged
			06-Dec-24	33	29.2	1.1	36.5	-	-	-	Weekly monitoring - well not gauged

	Date Uploaded	Date Monitoring Data Obtained	Date Monitored	Methane (CH4)	Carbon Dioxide (CO2)	Oxygen (O)	Balance (% v/v)	Flow	Depth to water	Is flow representative? ^a	Comments
				Post-purge	Post-purge	Post-purge	Post-purge	L/hr	mBGL	Y/N	
GS4 (EPA ID 26)			13-Dec-24	43.9	33.7	0.4	22.1	0.7	-	-	Weekly monitoring - well not gauged
			18-Dec-24	47	36.3	0.2	16.5	0.3	-	-	Weekly monitoring - well not gauged
			19-Dec-24	50.2	35.7	0.1	-	0	23.27	-	Monthly monitoring
			10-Jan-25	44.6	35.9	0	19.5	0.6	-	-	Weekly monitoring - well not gauged
			17-Jan-25	49.9	37.1	0	13.1	0.5	-	-	Weekly monitoring - well not gauged
			23-Jan-25	48.7	38.2	0	13.1	0.9	-	-	Weekly monitoring - well not gauged
	14-Feb-25	13-Feb-25	30-Jan-25	52.7	37.2	0	-	0.6	-	-	Monthly monitoring - well not gauged
	05-Feb-25	31-Jan-25	31-Jan-25	49.1	38.2	0	12.6	0.7	-	-	Weekly monitoring - well not gauged
	07-Feb-25	07-Feb-25	07-Feb-25	42.9	35.5	0	21.6	0.4	22.83	-	Weekly monitoring
	14-Feb-25	12-Feb-25	12-Feb-25	48	37.2	0.3	14.5	0.8	20.2	-	Weekly monitoring
	07-Mar-25	19-Feb-25	19-Feb-25	40.5	55	0.3	24.2	0.6	23.8	-	Weekly monitoring
	20-Mar-25	19-Mar-25	28-Feb-25	42.3	32	0.7	25	2.7	22.58	Yes	Monthly monitoring
	11-Mar-25	07-Mar-25	07-Mar-25	45.9	37.2	0.1	16.9	0.7	23.21	-	Weekly monitoring
	20-Mar-25	13-Mar-25	13-Mar-25	49.5	38.6	0	11.7	0.7	23.21	-	Weekly monitoring
	20-Mar-25	17-Mar-25	17-Mar-25	47.7	38.1	0	14.2	0.7	23.19	-	Weekly monitoring
	16-Apr-25	02-Apr-25	02-Apr-25	49.8	37	0	12.8	0.7	23.15	-	Weekly monitoring
	29-Apr-25	17-Apr-25	17-Apr-25	47.8	38.1	0	14	0.4	23.8	-	Weekly monitoring
	29-Apr-25	23-Apr-25	23-Apr-25	42	36	0	22	0.2	23	-	Weekly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			30	30	30	26	26	13	1	
	Min			12.4	14.2	0	11.7	0	20.2		
	Max			52.7	55	10.2	51.2	2.7	23.8		
	Avg			39.56	33.91	0.98	25.53	0.55	22.92		
GS6 (EPA ID 29)			16-Oct-24	0	7.4	12.7	-	0	5.68	-	Monthly monitoring
			29-Nov-24	0	21	0	-	0	6.43	-	Monthly monitoring
			19-Dec-24	0	9.4	11.9	-	0.7	6.42	-	Monthly monitoring
	14-Feb-25	13-Feb-25	30-Jan-25	0	7.2	13.6	-	0.3	-	-	Monthly monitoring - well not gauged
	20-Mar-25	19-Mar-25	28-Feb-25	0	6.2	14.7	79.1	0.4	5.71	Yes	Monthly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			5	5	5	5	5	5	1	
	Min			0	6.2	0	79.1	0	5.68		
	Max			0	21	14.7	79.1	0.7	6.43		
	Avg			0.00	10.24	10.58	79.10	0.28	6.06		
			16-Oct-24	0	2.7	17.9	-	0	4.29	-	Monthly monitoring
GS7R (EPA ID 31)			29-Nov-24	0	0	18.1	-	0	4.24	-	Monthly monitoring
			19-Dec-24	0	4.2	17.7	-	0.8	4.15	-	Monthly monitoring
	14-Feb-25	13-Feb-25	30-Jan-25	0	3.7	18	-	0.5	-	-	Monthly monitoring - well not gauged
	20-Mar-25	19-Mar-25	28-Feb-25	0	3.8	17.5	78.7	0.3	4.03	Yes	Monthly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			5	5	5	5	5	5	1	
	Min			0	0	17.5	78.7	0	4.03		
	Max			0	4.2	18.1	78.7	0.8	4.29		
	Avg			0.00	2.88	17.84	78.70	0.32	4.18		
			16-Oct-24	0	4.4	16.6	-	0	12.06	-	Monthly monitoring
			29-Nov-24	1.2	2.4	19.2	-	0	11.82	-	Monthly monitoring
GS8 (EPA ID 32)			19-Dec-24	0	5.4	15.5	-	0	13.7	-	Monthly monitoring
	14-Feb-25	13-Feb-25	30-Jan-25	0	3.7	17.6	-	0.3	-	-	Monthly monitoring - well not gauged
	20-Mar-25	19-Mar-25	28-Feb-25	0	3.4	17.7	78.9	0	11.71	Yes	Monthly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			5	5	5	5	5	5	1	
	Min			0	2.4	15.5	78.9	0	11.71		
	Max			1.2	5.4	19.2	78.9	0.3	13.7		
	Avg			0.24	3.86	17.32	78.90	0.06	12.32		
			16-Oct-24	0	2	19.9	-	0	Dry	-	Monthly monitoring
			29-Nov-24	0	1.1	20.3	-	0	Dry	-	Monthly monitoring
			19-Dec-24	0	0.3	21.3	-	1.1	9.3	-	Monthly monitoring
GS9 (EPA ID 27)	14-Feb-25	13-Feb-25	30-Jan-25	0	0.1	21	-	0.8	-	-	Monthly monitoring - well not gauged
	20-Mar-25	19-Mar-25	28-Feb-25	0.5	2.5	20	77	0	Dry	Yes	Monthly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			5	5	5	5	5	5	1	
	Min			0	0.1	19.9	77	0	9.3		
	Max			0.5	2.5	21.3	77	1.1	9.3		
	Avg			0.10	1.20	20.50	77.00	0.38	9.30		
			16-Oct-24	0	3.6	14.4	-	0	Dry	-	Monthly monitoring
			29-Nov-24	0	0.2	20.6	-	0	9.6	-	Monthly monitoring
			19-Dec-24	0	76	20.5	-	0.9	10.21	-	Monthly monitoring
	14-Feb-25	13-Feb-25	30-Jan-25	0	0.3	20.6	-	0.8	-	-	Monthly monitoring - well not gauged
GS11 (EPA ID 36)	20-Mar-25	19-Mar-25	28-Feb-25	0	3.9	15.1	81	0	Dry	Yes	Monthly monitoring
	Number of samples required			12	12	12	12	12	12	12	
	Number of Samples collected			5	5	5	5	5	5	1	
	Min			0	0.2	14.4	81	0	9.6		
	Max			0	76	20.6	81	0.9	10.21		
	Avg			0.00	16.80	18.24	81.00	0.34	9.91		

Note:
a^a - Assessment of whether flow is representative is conducted monthly.