



Pollutant Monitoring Results - Subsurface Gas

PLN 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? *	Comments
				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
		15-Oct-24		5.8	17.1	1.7	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 paused
		30-Oct-24		6.4	18.1	3	72.5	0.1	-	-	Weekly monitoring - well not paused
		07-Nov-24		6.1	18.1	2.9	73	0.4	-	-	Weekly monitoring - well not paused
		15-Nov-24		5.7	18.5	3.5	72.2	0.5	-	-	Weekly monitoring - well not paused
		18-Nov-24		5.8	18.7	2.5	73	0.7	-	-	Weekly monitoring - well not paused
		29-Nov-24		5.2	17.5	2	-	0	8.16	-	Monthly monitoring
		27-Nov-24		5.6	19.2	1.9	73.1	0.6	-	-	Weekly monitoring - well not paused
		06-Dec-24		3.1	12.2	7.2	71.5	0.7	-	-	Weekly monitoring - well not paused
		13-Dec-24		5.3	16.7	3.1	75	0.5	-	-	Weekly monitoring - well not paused
		18-Dec-24		6.2	18.7	2.1	73	0.4	-	-	Weekly monitoring - well not paused
		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 paused
		17-Jan-25		6.6	20.4	0.9	72.1	0.6	-	-	Weekly monitoring - well not paused
		23-Jan-25		6.8	20.1	1	72.1	0.6	-	-	Weekly monitoring - well not paused
		30-Jan-25		6.1	18.1	1.2	-	0.2	-	-	Monthly monitoring - well not paused
		01-Feb-25	13-Feb-25	31-Jan-25	6.9	21	0.8	71.3	0.8	-	Weekly monitoring - well not gauged
		05-Feb-25		31-Jan-25	6.9	20.7	0.8	71.3	0.6	8.1	Weekly monitoring
		07-Feb-25		0	7	-	-	-	-	-	Weekly monitoring
		14-Feb-25		12-Feb-25	4.3	13	8.3	75.4	0.3	8.39	Weekly monitoring
		07-Mar-25		19-Feb-25	4	10.5	10.3	75.2	0.2	8.21	Weekly monitoring
		20-Mar-25		19-Mar-25	4.4	11.8	6.3	77.5	0	7.43	Yes
		11-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	0.8	2.9	18	78.3	0.5	7.45	Weekly monitoring
		20-Mar-25		17-Mar-25	1.8	6	14	78.1	0	8.27	Weekly monitoring
		06-May-25		01-May-25	4.2	13	6.2	76.6	0.6	7.52	Yes
		02-Apr-25		02-Apr-25	5	16.5	4.5	73.7	0.2	8.5	Weekly monitoring
		06-May-25		01-May-25	0	2.7	17.5	79.3	0.4	7.34	Yes
		17-Jun-25		12-Jun-25	0	0.8	18.2	81	0.6	8.34	Yes
		25-Jun-25		13-Jun-25	14.5	21.5	0.6	63	0.5	8.9	-
		08-Jul-25		04-Jul-25	12.4	15	2.8	69.8	0.4	-	Weekly monitoring, obstruction by clear tubing at 1m
		27-Jul-25		26-Jun-25	0.2	0.4	20.1	79.3	0	8.25	-
		04-Jul-25		04-Jul-25	0.1	0.3	19.8	79.8	0.3	8.11	Weekly monitoring
		Number of samples required		12	12	12	12	12	12	-	
		Number of Samples collected		35	35	35	31	32	17	4	
		Min		0	0.3	0.5	0.5	0.5	0.5	7.5	
		Max		14.5	21.5	21.5	20.1	0.1	0.9	8.9	
		Avg		5.18	14.33	6.10	74.26	0.39	8.02	-	
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	5.25	-	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	-	-	-	Monthly monitoring, well not gauged
		20-Mar-25	19-Mar-25	28-Feb-25	0	13.5	8.6	77.9	0	Dry	Yes
		06-May-25	01-May-25	26-Mar-25	0	14.2	9.5	76.3	1.5	5.08	Yes
		06-May-25	01-May-25	11-Apr-25	0	13.9	9.6	76.5	0.2	5.37	Yes
		17-Jun-25	12-Jun-25	07-May-25	0	9.3	10.1	80.6	0	5.35	Yes
		04-Jul-25		19-Jun-25	0.5	11.9	9.5	78.3	0.4	5.12	Yes
		Number of samples required		12	12	12	12	12	12	-	Monthly monitoring
		Number of Samples collected		9	9	9	9	7	7	3	
		Min		0	9.3	7.3	76.3	0	5.08	-	
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	35.6	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 paused
		17-Jan-25		60.3	38.6	0	1.7	0.6	-	-	Weekly monitoring - well not paused
		23-Jan-25		59.8	38.1	0	1	0.6	-	-	Weekly monitoring - well not paused
		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	60.7	38.9	0	0.3	0.6	-	-	Weekly monitoring - well not gauged
		07-Feb-25	07-Feb-25	37.9	0	3.6	0.6	8.7	-	-	Weekly monitoring
		12-Feb-25	12-Feb-25	58.7	37.9	0	3.4	0.6	7.69	-	Weekly monitoring
		07-Mar-25	19-Mar-25	59.3	38.1	0	2.2	0.6	7.6	-	Weekly monitoring
		20-Mar-25	19-Mar-25	58.5	36.5	0	5	3.5	8.11	Yes	Monthly monitoring
		11-Mar-25	07-Mar-25	60.3	34.8	0	4.7	0.5	8.9	-	Weekly monitoring
		20-Mar-25	13-Mar-25	61.3	38	0	0.6	0.6	8.63	-	Weekly monitoring
		20-Mar-25	17-Mar-25	61	38.3	0	0.7	0.7	8.06	-	Weekly monitoring
		06-May-25	01-May-25	62.4	36.7	0.4	0.5	1.2	8.1	Yes	Monthly monitoring

	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? *	Comments
				Post-purge	Post-purge	Post-purge	Post-purge	L/hr	mBGD	Y/N	
GS4 (EPA ID 26)	16-Apr-25	02-Apr-25	02-Apr-25	61.5	38.3	0	0.2	0.7	8.05	-	Weekly monitoring
	06-May-25	01-May-25	11-Apr-25	61.8	37.3	0	0.9	4.1	8.23	Yes	Monthly monitoring
	29-Apr-25	17-Apr-25	17-Apr-25	63.9	37	0.2	0	0	8.05	-	Weekly monitoring
	01-May-25	22-May-25	22-May-25	64.9	36.5	0.1	0	0.5	8.03	-	Weekly monitoring
	06-May-25	03-May-25	02-May-25	64.4	36.7	0.1	0	0.5	8.03	-	Weekly monitoring
	17-Jun-25	12-Jun-25	07-May-25	60.9	31.2	0	7.9	4	7.97	Yes	Monthly monitoring
	21-May-25	16-May-25	16-May-25	64.8	36.8	0.1	0	0.3	8.03	-	Weekly monitoring
	21-May-25	21-May-25	21-May-25	65.3	36.2	0	0	0.5	8.1	-	Weekly monitoring
	12-Jun-25	30-May-25	30-May-25	64.3	37.3	0.1	0	0.4	8	-	Weekly monitoring
	12-Jun-25	04-Jun-25	04-Jun-25	64.7	36.9	0.1	0	0.5	8.24	-	Weekly monitoring
	25-Jun-25	13-Jun-25	13-Jun-25	63.8	37	0.1	0	0.5	8.23	-	Weekly monitoring
GS4 (EPA ID 26)	08-Jul-25	04-Jul-25	19-Jun-25	63.1	36.8	0	0.1	4.7	8.02	Yes	Monthly monitoring
	27-Jun-25	26-Jun-25	26-Jun-25	64.5	35.9	0.2	0	0	8.1	-	Weekly monitoring
	04-Jul-25	04-Jul-25	04-Jul-25	65.6	35.6	0	0	0.7	8.01	-	Weekly monitoring
	Number of samples required				12	12	12	12	12	12	
	Number of Samples collected				41	41	41	37	38	25	3
	Min				0	0.2	0	0	0	7.6	
	Max				65.6	38.9	20.6	18.6	4.7	8.9	
	Avg				59.81	36.00	0.55	1.97	1.03	8.15	
					35.1	33.1	0	31.9	-	-	
					37.2	33.3	0	29.6	-	-	
					34.7	30.8	0.2	0	22.4	-	
GS6 (EPA ID 29)	18-Oct-24	18-Oct-24	29-Jun-25	29.6	24	4.4	42	-	-	-	Weekly monitoring - well not gauged
	21-Oct-24	37.9	35.3	0.1	26.7	0	-	-	-	-	Weekly monitoring - well not gauged, pump failure
	30-Oct-24	30	30.7	1	38.3	0.2	-	-	-	-	Weekly monitoring - well not paused
	07-Nov-24	27.6	30.2	1.8	40.3	0.5	-	-	-	-	Weekly monitoring - well not paused
	15-Nov-24	20.4	23.3	5.2	51.2	0.4	-	-	-	-	Weekly monitoring - well not paused
	18-Nov-24	25.3	30.4	0.3	43.7	0.6	-	-	-	-	Weekly monitoring - well not gauged
	29-Nov-24	17.4	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
	08-Dec-24	27.2	17.1	11.1	40.6	0.4	-	-	-	-	Weekly monitoring - well not gauged
	13-Dec-24	43.9	33.7	0.4	22.1	0.7	-	-	-	-	Weekly monitoring - well not paused
	18-Dec-24	47	36.3	0.2	16.5	0.3	-	-	-	-	Weekly monitoring - well not paused
GS6 (EPA ID 29)	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 paused
	17-Jan-25	49.9	37.1	0	13.1	0.5	-	-	-	-	Weekly monitoring - well not paused
	23-Jan-25	48.7	38.2	0	13.1	0.9	-	-	-	-	Weekly monitoring - well not paused
	14-Feb-25	30-Jan-25	52.7	37.2	0	0.6	-	-	-	-	Monthly monitoring - well not paused
	05-Feb-25	31-Jan-25	49.1	38.2	0	12.6	0.2	-	-	-	Weekly monitoring - well not paused
	07-Feb-25	07-Feb-25	42.9	38.5	0.3	14.4	0.4	22.83	-	-	Well not gauged
	14-Feb-25	12-Feb-25	48	37.2	0.3	14.5	0.8	20.2	-	-	Weekly monitoring
	07-Mar-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
GS6 (EPA ID 29)	11-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	49.5	38.6	0	11.7	0.7	23.21	-	-	Weekly monitoring
	20-Mar-25	17-Mar-25	47.7	38.1	0	14.2	0.7	23.19	-	-	Weekly monitoring
	06-May-25	01-May-25	26-Mar-25	50.5	36.9	0	12.6	1.5	22.55	Yes	Monthly monitoring
	02-Apr-25	02-Apr-25	49.8	37	0	12.8	0.2	23.15	-	-	Weekly monitoring
	09-Apr-25	01-May-25	48.7	38.2	0	11	1.5	22.56	Yes	Well not gauged	
	20-Apr-25	17-Apr-25	47.8	38.1	0	14	0.4	23.8	-	-	Weekly monitoring
	29-Apr-25	25-Apr-25	47	36	0	22	0.2	23	-	-	Weekly monitoring
	06-May-25	06-May-25	47.3	37.1	0.1	15.2	0.5	23.2	-	-	Weekly monitoring
	17-Jun-25	12-Jun-25	07-May-25	44.4	32.2	0.1	23.3	1.4	-	Yes	Monthly monitoring
GS6 (EPA ID 29)	21-May-25	16-May-25	44.2	36.5	0	19.3	0.3	23.1	-	-	Weekly monitoring
	21-May-25	21-May-25	41.5	35.4	0	22.9	0.5	20.9	-	-	Weekly monitoring
	12-Jun-25	25-Jun-25	36.7	33.9	0.1	29.2	0.5	23.7	-	-	Weekly monitoring
	12-Jun-25	04-Jun-25	36.1	33.9	0.1	29.9	0.4	23.08	-	-	Weekly monitoring
	08-Jul-25	10-Jul-25	33.5	33.5	0.1	31	0.7	22.3	-	-	Well not gauged
	08-Jul-25	04-Jul-25	31.6	31.1	0	37.3	1.3	-	Yes	Monthly monitoring, obstruction by clear tubing at 1m	
	27-Jun-25	26-Jun-25	30.7	32.9	0.1	36.4	0.2	23.1	-	-	Weekly monitoring
	04-Jul-25	04-Jul-25	36.8	34.7	0	28.5	0.7	23.11	-	-	Weekly monitoring
GS6 (EPA ID 29)	Number of samples required				12	12	12	12	12	12	
	Number of Samples collected				42	42	42	38	38	23	3
	Min				12.4	14.2	0	11.7	0	20.2	
	Max				52.7	55	10.2	51.2	2.7	23.8	
	Avg				39.74	34.13	0.72	25.38	0.63	22.85	
					7.4	17.2	0	15.2	-	-	
					21	0	0	6.43	-	-	
					9.4	11.9	-	6.42	-	-	
					7.2	13.6	-	0.3	-	-	
					6.2	14.7	79.1	0.4	5.71	Yes	Monthly monitoring
GS7R (EPA ID 31)	06-May-25	01-May-25	26-Mar-25	0	14.2	8.1	77.7	0	5.74	Yes	Monthly monitoring
	06-May-25	01-May-25	11-Apr-25	0	5.3	15.8	78.9	0	5.43	Yes	Monthly monitoring
	17-Jun-25	12-Jun-25	07-May-25	0	4.5	13.8	81.7	1.1	6.41	Yes	Monthly monitoring
	08-Jun-25	04-Jun-25	19-Jun-25	0	18.9	2.2	78.9	0.4	5.73	Yes	Monthly monitoring
	Number of samples required				12	12	12	12	12	12	
	Number of Samples collected				9	9	5	9	8	3	
	Min				0	77.7	0	5.43	-	-	
	Max				21	15.8	81.7	1.1	6.43	-	
	Avg				0.00	10.46	10.31	79.26	0.32	5.94	
					2.7	17.9	-	4.29	-	-	
					0	18.1	-	4.24	-	-	
					4.2	17.7	-	4.15	-	-	
GS7R (EPA ID 31)	14-Feb-25	13-Feb-25	30-Jan-25	0	3.7	18	-	0.5	-	-	Monthly monitoring - well not gauged
	06-May-25	01-May-25	26-Mar-25	0	3.9	18.4	77.7	0.3	4.11	Yes	Monthly monitoring
	06-May-25	01-May-25	11-Apr-25	0	3.7	17	79.3	0.2	3.83	Yes	Monthly monitoring
	17-Jun-25	12-Jun-25	07-May-25	0	1.5	16.9	81.6	0	5.23	Yes	Monthly monitoring
	08-Jul-25	04-Jul-25	19-Jun-25	0	5.2	13	81.8	0.4	Dry	Yes	Monthly monitoring
	Number of samples required				12	12	12	12	12	12	
	Number of Samples collected				9	9	5	9	7	3	
	Min				0	13	77.7	0	3.83	-	
	Max				0	5.2	18.4	81.8	0.8	5.23	

	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? *	Comments
				Post-purge	Post-purge	Post-purge	Post-purge	L/hr	mBGL		
GS8 (EPA ID 32)		Avg		0.00	3.19	17.17	79.82	0.28	4.27		
		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
		19-Dec-24		0	5.4	19.5	-	0	13.7	-	Monthly monitoring
	14-Feb-25	13-Feb-25	30-Jan-25	0	3.7	19.6	-	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
	06-May-25	01-May-25	26-Mar-25	0	2.1	19.8	78.1	1.6	12.1	Yes	Monthly monitoring
	06-May-25	01-May-25	11-Apr-25	0	3.1	16.9	80	-0.1	12.24	Yes	Monthly monitoring
	17-Jun-25	12-Jun-25	07-May-25	0	0.9	16.7	82.4	0	12.68	Yes	Monthly monitoring
	08-Jul-25	04-Jul-25	19-Jun-25	0	6	10.7	83.3	0.1	11.63	Yes	Monthly monitoring
	Number of samples required	12		12	12	12	12	12	12		
GS9 (EPA ID 27)		Number of Samples collected	9	9	9	5	9	8	3		
		Min	0	0.9	1.7	78.1	-0.1	11.53			
		Max	1.2	6	19.8	83.3	1.6	13.7			
		Avg	0.13	3.49	18.74	80.54	0.21	12.24			
		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 - well not gauged
	14-Feb-25	13-Feb-25	30-Jan-25	0	0.1	21	-	0.8	-		Monthly monitoring
	20-Mar-25	19-Mar-25	28-Feb-25	0.5	2.5	20	77	0	Dry	Yes	Monthly monitoring
	06-May-25	01-May-25	26-Mar-25	0	0.3	19.8	79.9	0.3	14.98	Yes	Monthly monitoring
	06-May-25	01-May-25	11-Apr-25	0	1.3	19.1	79.1	-0.3	13.39	Yes	Monthly monitoring
GS11 (EPA ID 36)	17-Jun-25	12-Jun-25	07-May-25	0.1	0.3	19.2	80.4	1.2	15.3	16.5	Monthly monitoring
	08-Jul-25	04-Jul-25	19-Jun-25	0.2	0.7	19	80.1	0	Dry	Yes	Monthly monitoring
	Number of samples required	12		12	12	12	12	12	12		
	Number of Samples collected	9		9	9	5	9	4	3		
	Min	0		0.1	19	77	-0.3	9.3			
	Max	0.5		2.5	21.3	80.4	1.2	15.3			
	Avg	0.09		1.01	19.96	79.30	0.34	13.39			
		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	7.6	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
	20-Mar-25	19-Mar-25	28-Feb-25	0	3.9	15.1	81	0	Dry	Yes	Monthly monitoring
	06-May-25	01-May-25	26-Mar-25	0	3	17.3	79.7	0	Dry	Yes	Monthly monitoring
	06-May-25	01-May-25	11-Apr-25	0	3.5	16.8	79.7	0.1	Dry	Yes	Monthly monitoring
	17-Jun-25	12-Jun-25	07-May-25	0	2.3	13.2	84.5	0	Dry	Yes	Monthly monitoring
	08-Jul-25	04-Jul-25	19-Jun-25	0	1.5	14.9	83.6	0.6	9.32	Yes	Monthly monitoring
	Number of samples required	12		12	12	12	12	12	12		
	Number of Samples collected	9		9	9	5	9	3	2		
	Min	0		0.2	13.2	79.7	0	9.32			
	Max	0		7.6	20.6	84.5	0.9	10.21			
	Avg	0.00		10.48	17.04	81.70	0.27	9.71			

Note:

a' - Assessment of whether flow is representative is conducted monthly.