

Subsurface Gas Monitoring

EPL No: 11584					
Date of Reported Results		Pollutant			
Date of Sampling rounds	Monitoring Location Identification	Methane (% v/v)*	Carbon Dioxide (% v/v)*	Oxygen (% v/v)*	Flow rate (l/h)
21/12/22 (exceedance)	HPGAS1R (10)	0.1	0.1	17.4	
	HPGAS2R (11)	0.1	0	20.9	
	HPGAS3R (12)	0.1	0.0	20.7	
	HPGAS4 (13)	0.4	5.6	16	
	HPGAS5 (14)	0.1	0	20.3	
	HPGAS6 (15)	0.1	0	20.9	
	HPGAS7 (16)	0.1	0	20.7	
	HPGAS8 (17)	0.1	0.1	20.3	
	HPGAS9S (18)	0.1	0.1	19.9	
	HPGAS9D (19)	0	0	19.7	
	HPGAS10 (20)	16	2	15.4	
22/12/22 (retest - exceedance)	HPGAS10 (20)	7.3	2.1	17.3	
23/12/22 (retest - exceedance)	HPGAS10 (20)	12.6	2.2	16.1	
28/12/22 (Follow up - exceedance)	HPGAS1R (10)	0	0.2	20.4	
	HPGAS2R (11)	0	0	20.7	
	HPGAS3R (12)	0	0	20.5	
	HPGAS4 (13)	0.3	7.5	14.7	
	HPGAS5 (14)	0	0	19.8	
	HPGAS6 (15)	0	0	20.4	
	HPGAS7 (16)	0	0	21.1	
	HPGAS8 (17)	0	0.1	20.6	
	HPGAS9S (18)	0	0	20.6	
	HPGAS9D (19)	0	0	20.6	
	HPGAS10 (20)	13.3	3.6	15.1	
29/12/22 (retest)	HPGAS10 (20)	0.1	0	21	
3/1/23 (Follow up - exceedance)	HPGAS1R (10)	0	0.2	20.1	
	HPGAS2R (11)	0	0	20.6	
	HPGAS3R (12)	0	0	20.5	
	HPGAS4 (13)	0.3	10.5	12.3	
	HPGAS5 (14)	0	0	20.4	
	HPGAS6 (15)	0	0	20.9	
	HPGAS7 (16)	0	0	20.3	
	HPGAS8 (17)	0	0.2	20.5	
	HPGAS9S (18)	0	0.1	20	
	HPGAS9D (19)	0	0	20.3	
	HPGAS10 (20)	16.1	3	15.2	
4/1/22 (retest - exceedance)	HPGAS10 (20)	16.5	3.8	13.8	0.1
11/1/23 (Follow up - exceedance)	HPGAS1R (10)	0	0.7	19.8	-0.1
	HPGAS2R (11)	0	0.1	20.4	-0.2
	HPGAS3R (12)	0	0.1	20.4	-0.2
	HPGAS4 (13)	0	9.1	14.2	-0.2
	HPGAS5 (14)	0	0.1	20.4	-0.2
	HPGAS6 (15)	0	0.1	20.4	-0.2
	HPGAS7 (16)	0	0	20	-0.1
	HPGAS8 (17)	0	0.2	19.9	0
	HPGAS9S (18)	0	0.1	20.1	0
	HPGAS9D (19)	0	0.1	20.2	0.1
	HPGAS10 (20)	14.3	1.9	16.3	-0.2
18/1/23 (Follow up - exceedance)	HPGAS1R (10)	0	0.6	20	-0.1
	HPGAS2R (11)	0	0.1	20.2	-0.1
	HPGAS3R (12)	0	0.1	20.3	-0.1
	HPGAS4 (13)	0	6.4	15.5	-0.2
	HPGAS5 (14)	0	0.1	20.2	-0.1
	HPGAS6 (15)	0	0	20.3	-0.1
	HPGAS7 (16)	0	0	20.2	-0.2
	HPGAS8 (17)	0	0.2	19.9	-0.3
	HPGAS9S (18)	0	0.1	20.1	-0.3
	HPGAS9D (19)	0	0	20.2	-0.1
	HPGAS10 (20)	16.2	2.9	15.4	0
25/1/23 (Follow up - exceedance)	HPGAS1R (10)	0	0.1	20.4	-0.4
	HPGAS2R (11)	0	0	20.4	-0.3
	HPGAS3R (12)	0	0	20.4	-0.3
	HPGAS4 (13)	0	8.3	13.8	-0.4
	HPGAS5 (14)	0	0.1	20.4	-0.4
	HPGAS6 (15)	0	0	20.5	-0.5
	HPGAS7 (16)	0	0.1	19.7	-0.2
	HPGAS8 (17)	0	0.1	19.8	-0.1
	HPGAS9S (18)	0	0	19.6	-0.3
	HPGAS9D (19)	0	0.1	19.5	-0.3
	HPGAS10 (20)	18.4	1.9	14.4	-0.4

* Unit of Measure Abbreviations

Percent by volume	% v/v
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<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30721&SYSUID=1&LICID=11584>