

**Patons Lane Subsurface Gas November 2019**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	14.5	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.2	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	6.9	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.7	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	10.2	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.7	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.9	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	30.4	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	10.4	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	12.3	

BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.9	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	7.3	

**Patons Lane Subsurface Gas February 2020**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.6	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.1	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.9	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.1	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	9.4	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.5	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.7	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	24.8	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.9	

BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.2	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	7.3	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	9.1	

**Patons Lane Subsurface Gas May 2020**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	0.4	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	11	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0.2	
	Quarterly	Carbon Dioxide	% v/v	5.4	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.7	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.3	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.4	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	15.1	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.2	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.3	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	19.9	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	8.2	

BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0.2	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.2	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.5	

Patons Lane Subsurface Gas August 2020					
Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	Bore lid was open and bore cap removed
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH6 (retest) - EPA monitoring point 6	Quarterly	Methane	% v/v	0	Retest 24 hours later
	Quarterly	Carbon Dioxide	% v/v	1.3	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8.2	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6.6	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.8	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.4	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.5	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	11.6	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0	Bore lid was open and bore cap removed
	Quarterly	Carbon Dioxide	% v/v	0	
	Quarterly	Methane	% v/v	0.1	Retest 24 hours later

BH12A (retest) - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	0.2	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	1.4	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH12B (retest) - EPA monitoring point 14	Quarterly	Methane	% v/v	1.4	Retest due to elevated methane concentrations
	Quarterly	Carbon Dioxide	% v/v	3.6	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.7	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.7	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	10.8	



**Patons Lane Subsurface Gas November 2020**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	11.3	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.5	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.2	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.1	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	13.2	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	3.2	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	9.6	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	1.2	
	Quarterly	Carbon Dioxide	% v/v	6.7	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.0	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	7.4	

BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	6.3	

**Patons Lane Subsurface Gas February 2021**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	14.5	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	7.1	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	8.4	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.5	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.4	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	18.8	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.5	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	9.0	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.9	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.6	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.4	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	5.3	

BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	4.9	

**Patons Lane Subsurface Gas May 2021**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	16.2	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	4.2	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	9.2	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	4.9	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.9	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	8.2	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.0	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	10.1	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	4.0	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	8.2	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	1.2	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	6.6	

BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	7.6	

**Patons Lane Subsurface Gas August 2021**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.0	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	13.7	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	6.2	
BH6 (retest) - EPA monitoring point 6	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	12.6	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	1.6	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.8	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	7.9	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	1.6	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.0	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	9.1	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	5.0	
	Quarterly	Methane	% v/v	7.8	

BH12A (retest) - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	7.2	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0.0	Retest on 1 September 2021
	Quarterly	Carbon Dioxide	% v/v	27.8	
BH12B (retest) - EPA monitoring point 14	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	3.7	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	1.0	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.9	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.0	Retest on 1 September 2021
	Quarterly	Carbon Dioxide	% v/v	63.3	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	4.7	



**Patons Lane Subsurface Gas November 2021**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	11.2	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8.5	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	10.1	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.9	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.2	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	19.1	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	14.2	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	4.7	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	1.9	
	Quarterly	Carbon Dioxide	% v/v	10.6	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	0.6	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	2.4	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	5.3	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0.0	
	Quarterly	Carbon Dioxide	% v/v	4.9	

Patons Lane Subsurface Gas February/March 2022

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.5	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	13.3	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	11.6	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	11.8	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.8	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6.3	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	12.3	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	5.7	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.6	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.9	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	10.8	

**Patons Lane Subsurface Gas May/June 2022**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	16.1	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	1	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	14.3	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.5	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8.3	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	14.8	
	Quarterly	Methane	% v/v	0.1	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	2.5	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	Retest performed due to pump failure.
	Quarterly	Carbon Dioxide	% v/v	9.3	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.5	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.5	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.6	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.6	

**Patons Lane Subsurface Gas August 2022**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	13.3	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	14.2	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	9.1	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	8.2	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.5	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6.5	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	5.8	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.4	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.8	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	11.2	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	24.7	



**Patons Lane Subsurface Gas November 2022**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	0	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	17	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	12.6	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.5	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.1	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.8	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.4	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	6.1	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.5	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6.8	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.7	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	17.5	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	12.4	

**Patons Lane Subsurface Gas February 2023**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	13.8	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	0.9	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.5	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6.8	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	9.6	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	6.5	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	20.4	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7.5	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.8	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.2	

**Patons Lane Subsurface Gas May 2023**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8.1	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.6	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	10.2	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	2.8	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.8	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.5	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4	
	Quarterly	Methane	% v/v	0.2	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	5.2	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0.1	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8.6	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.4	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.3	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.8	

**Patons Lane Subsurface Gas August 2023**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	16.5	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.1	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.7	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	12.5	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.7	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.2	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	3.2	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	8.9	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	7	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.5	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.1	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.7	



**Patons Lane Subsurface Gas December 2023**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	10.6	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.1	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.1	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.2	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.2	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	1.6	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.3	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	6	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.1	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	

**Patons Lane Subsurface Gas February 2024**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	13.8	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.4	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0.4	
	Quarterly	Carbon Dioxide	% v/v	1.3	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.1	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.1	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.7	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.3	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.1	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	2.3	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	5.3	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.6	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.1	

**Patons Lane Subsurface Gas May 2024**

Sampling Point	Monitoring Frequency	Pollutant	Unit	Measurement	Comments
BH3 - EPA monitoring point 4	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH5 - EPA monitoring point 5	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.8	
BH6 - EPA monitoring point 6	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	1.0	
BH9A - EPA monitoring point 7	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.3	
BH9B - EPA monitoring point 8	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.5	
BH10A - EPA monitoring point 9	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.4	
BH10B - EPA monitoring point 10	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	3.4	
BH11A - EPA monitoring point 11	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.4	
BH11B - EPA monitoring point 12	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.5	
	Quarterly	Methane	% v/v	0	

BH12A - EPA monitoring point 13	Quarterly	Carbon Dioxide	% v/v	0.1	
BH12B - EPA monitoring point 14	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.2	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	2.4	
BH13B - EPA monitoring point 16	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.9	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.1	
BH14B - EPA monitoring point 18	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	0.5	