

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	Quarterly	Methane	% v/v	0	

monitoring point 14	Quarterly	Carbon Dioxide	% v/v	10.4	
BH13A - EPA monitoring point 15	Quarterly	Methane	% v/v	0	
BH13B - EPA monitoring point 16	Quarterly	Carbon Dioxide	% v/v	12.3	
BH14A - EPA monitoring point 17	Quarterly	Methane	% v/v	0	
BH14B - EPA monitoring point 18	Quarterly	Carbon Dioxide	% v/v	4.3	
	Quarterly	Methane	% v/v	0	
	Quarterly	Carbon Dioxide	% v/v	4.9	
	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	Quarterly	Methane	% v/v	0.1	

monitoring point 14	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		
	Quarterly	Methane	% v/v	0		

BH12B - EPA monitoring point 14	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	
BH12A (retest) - EPA monitoring point 13	Quarterly	Methane	% v/v	0.1	Retest 24 hours later
	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 2020					
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	Quarterly	Methane	% v/v	0.0	

monitoring point 13	Quarterly	Carbon Dioxide	% v/v	5.0	
BH12A (retest) - EPA monitoring point 13	Quarterly	Methane	% v/v	7.8	
	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	
BH12A - EPA monitoring point 13	Quarterly	Methane	% v/v	0	
	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	