

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Kingsley Road, Northenden Job No: A3939
 Date: 31/10/23 Engineer: MM
 Time: All day Client: Kingsley Road Developments

METEOROLOGICAL & SITE INFORMATION

State of ground: Dry ☐ Moist ☐ Wet ☒
 Wind: Calm ☐ Light ☐ Moderate ☒ Strong ☐
 Cloud cover: None ☐ Slight ☐ Cloudy ☒ Overcast ☐
 Precipitation: None ☐ Slight ☐ Moderate ☒ Heavy ☐
 Barometric pressure (mb): 995 Local pressure system*: Rising Air temperature (°C): 6

Well No.	Time (s)	Flow (l/hr)	CH ₄ (% vol. in air)	CO ₂ (% vol. in air)	O ₂ (% vol. in air)	PID (ppm)	Depth to GW (mbgl)	Total Depth (mbgl)	Comments
WS201b	0	0.0	0.7	0.1	21.1	0.0	Dry at base	1.02	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.67. No samples.
	15	0.0	0.7	4.5	20.3	4.8			
	30	0.0	0.7	4.7	15.7	9.6			
	45	0.0	0.7	5.1	13.7	13.2			
	60	0.0	0.7	5.5	12.9	14.9			
	120	0.0	0.6	6.5	11.4	15.9			
	180	0.0	0.8	6.2	12.0	17.1			
	240								
	300								
	360								
	420								
	480								

WS201	0	0.0	0.6	0.2	21.1	0.4	1.78	2.13	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.55. 1x40ml and 1x100ml samples.
	15	0.0	0.6	3.9	18.4	6.6			
	30	0.0	0.6	4.6	14.8	9.8			
	45	0.0	0.6	5.4	13.4	13.6			
	60	0.0	0.6	6.1	12.2	17.9			
	120	0.0	0.7	7.3	10.0	19.3			
	180	0.0	0.7	6.9	10.8	19.8			
	240								
	300								
	360								
	420								
	480								

WS202b	0	0.0	0.4	0.1	21.3	4.8	Dry at base	0.98	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.48. No samples.
	15	0.0	0.6	0.1	14.3	156.0			
	30	0.0	0.6	0.1	2.8	22.2			
	45	0.0	0.6	0.0	0.4	93.8			
	60	0.0	0.6	0.0	0.2	98.5			
	120	0.0	0.6	0.0	0.1	110.4			
	180	0.0	0.6	0.0	0.1	112.6			
	240								
	300								
	360								
	420								
	480								

WS202	0	0.0	0.4	0.1	20.9	128.9	1.78	2.07	CO: 2, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.43. 1x40ml and 1x100ml samples.
	15	0.0	0.4	0.2	16.2	142.2			
	30	0.0	0.4	0.2	15.4	143.3			
	45	0.0	0.3	0.2	15.4	144.6			
	60	0.0	0.3	0.2	15.4	145.9			
	120	0.0	0.3	0.2	15.9	150.7			
	180	0.0	0.3	0.2	16.7	151.0			
	240								
	300								
	360								

	480							
	540							
	600							

WS203b	0	0.0	0.4	0.1	21.3	14.4	Dry at base	1.02	CO: 1, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.53. No samples.
	15	0.0	0.4	1.2	13.8	106.7			
	30	0.0	0.5	8.2	14.1	114.2			
	45	0.0	0.5	1.2	7.4	120.6			
	60	0.0	0.5	1.2	7.2	126.7			
	120	0.0	0.5	1.2	7.1	148.2			
	180	0.0	0.5	1.2	7.0	159.0			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS203	0	0.0	0.3	0.1	21.2	14.4	1.96	2.90	CO: 1, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.44. 1x40ml, 1x100ml, 1x1l (glass), and 1x1l (plastic) samples.
	15	0.0	0.3	3.5	15.8	106.7			
	30	0.0	0.3	4.0	13.0	114.2			
	45	0.0	0.3	4.4	11.8	120.6			
	60	0.0	0.3	4.9	10.6	126.7			
	120	0.0	0.3	5.7	8.4	148.2			
	180	0.0	0.3	6.3	6.9	159.0			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS204	0	0.0	0.4	0.1	21.3	35.3	Wet at base	1.78	CO: 5, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.50. No samples.
	15	0.0	0.4	5.1	16.8	50.0			
	30	0.0	0.4	5.2	13.4	53.5			
	45	0.0	0.4	5.2	13.1	57.6			
	60	0.0	0.4	5.2	13.1	60.3			
	120	0.0	0.4	5.3	12.9	66.6			
	180	0.0	0.4	5.3	12.9	72.3			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS04b	0	0.0	0.3	3.0	13.7	22.9	Dry at base	0.99	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.43. No samples.
	15	0.0	0.3	3.1	13.1	77.9			
	30	0.0	0.3	3.2	12.9	87.0			
	45	0.0	0.3	3.3	12.4	90.4			
	60	0.0	0.3	3.4	12.1	97.8			
	120	0.0	0.3	3.5	11.8	105.8			
	180	0.0	0.3	3.5	11.7	109.7			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS205b	0	0.0	0.3	0.2	21.2	0.2	Dry at base	0.92	CO: 2, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.43. No samples. Only 1 well.
	15	0.0	0.3	0.3	20.0	4.4			
	30	0.0	0.3	0.3	20.7	6.9			
	45	0.0	0.2	0.3	20.9	8.6			
	60	0.0	0.2	0.4	20.8	8.9			
	120	0.0	0.2	1.4	19.7	9.0			
	180	0.0	0.2	2.9	18.1	9.3			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

	0	0.0	0.3	0.1	21.4	1.20	1.33	1.70
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WS206	15	0.0	0.3	3.8	19.8	2.90			CO: 1, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.38. 1x40ml and 1x100ml samples.
	30	0.0	0.2	3.8	17.0	3.60			
	45	0.0	0.2	3.9	16.7	4.80			
	60	0.0	0.2	3.9	16.7	10.90			
	120	0.0	0.2	3.9	16.6	12.60			
	180	0.0	0.2	3.9	16.6	14.80			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS206b	0	0.0	0.3	0.1	21.4	0.2	Wet at base	1.06	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.45. No samples.
	15	0.0	0.2	2.9	18.8	3.6			
	30	0.0	0.2	3.9	15.4	4.9			
	45	0.0	0.2	4.0	14.8	6.8			
	60	0.0	0.2	4.0	14.8	9.4			
	120	0.0	0.2	4.0	14.7	10.2			
	180	0.0	0.2	4.0	14.6	10.9			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS207b	0	0.0	0.3	0.1	21.4	1.3	Dry at base	1.04	CO: 1, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.41. No samples.
	15	0.0	0.2	9.8	16.0	1.1			
	30	0.0	0.2	10.2	10.4	1.9			
	45	0.0	0.2	10.3	9.7	0.9			
	60	0.0	0.2	10.3	9.6	0.8			
	120	0.0	0.2	10.4	9.4	1.0			
	180	0.0	0.2	10.4	9.3	1.6			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS207	0	0.0	0.2	0.2	21.3	1.2	1.47	3.84	CO: 1, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.29. 1x40ml, 1x100ml, 1x1l (glass), and 1x1l (plastic) samples.
	15	0.0	0.2	7.6	16.5	1.4			
	30	0.0	0.2	7.7	11.9	1.1			
	45	0.0	0.2	7.7	11.5	0.9			
	60	0.0	0.2	7.7	11.4	0.5			
	120	0.0	0.2	7.7	11.3	0.4			
	180	0.0	0.2	7.7	11.3	0.4			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS208b	0	0.0	0.2	6.9	21.3	20.5	Dry at base	1.03	CO: 2, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.41. No samples.
	15	0.0	0.2	2.4	18.9	24.8			
	30	0.0	0.2	2.4	19.0	26.2			
	45	0.0	0.2	2.4	19.0	27.7			
	60	0.0	0.2	2.4	18.9	28.1			
	120	0.0	0.2	2.3	18.8	29.7			
	180	0.0	0.2	2.4	19.0	30.4			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
	0	0.0	0.2	2.1	21.5	24.4	2.28	2.95	CO: 0, H2S: 0. No Hyrdocarbon
	15	0.0	0.2	1.9	19.8	40.7			
	30	0.0	0.2	2.3	19.3	36.8			
	45	0.0	0.2	2.6	19.0	34.7			
	60	0.0	0.2	2.8	18.7	33.5			
	120	0.0	0.2	2.9	19.5	31.1			

WS208	180	0.0	0.2	3.0	19.6	29.2			product. Relative Pressure: - 0.29. 1x40ml, 1x100ml and 1x1l (glass) samples
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS209b	0	0.0	0.3	0.1	21.5	0.3	Dry at base	1.08	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.50. No samples.
	15	0.0	0.3	0.1	21.1	0.9			
	30	0.0	0.3	0.1	21.5	2.6			
	45	0.0	0.3	0.1	21.5	4.5			
	60	0.0	0.3	0.1	21.5	9.6			
	120	0.0	0.3	0.1	21.5	10.1			
	180	0.0	0.3	0.1	21.5	12.9			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS209	0	0.0	0.2	0.1	21.5	0.8	1.00	1.92	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.48. 1x40ml, 1x100ml, 1x1l (glass), and 1x1l (plastic) samples.
	15	0.0	0.2	0.4	21.4	3.5			
	30	0.0	0.2	0.4	21.3	4.4			
	45	0.0	0.2	0.4	21.2	4.9			
	60	0.0	0.2	0.4	21.2	5.1			
	120	0.0	0.2	0.3	21.1	5.2			
	180	0.0	0.2	0.3	21.3	5.2			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS210b	0	0.0	0.2	0.1	21.5	0.0	Wet at base	0.97	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.46. No samples.
	15	0.0	0.2	0.1	21.4	0.0			
	30	0.0	0.2	0.1	21.3	0.0			
	45	0.0	0.2	0.1	21.3	0.0			
	60	0.0	0.2	0.2	21.3	0.0			
	120	0.0	0.2	0.2	21.2	0.3			
	180	0.0	0.2	0.2	21.2	0.4			
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS210	0	0.0	0.2	0.3	21.0	0.0	1.25	1.92	CO: 0, H2S: 0. No Hyrdocarbon product. Relative Pressure: - 0.50. 1x40ml and 1x100ml samples.
	15	0.0	0.2	0.2	21.1	0.0			
	30	0.0	0.2	0.1	21.3	0.0			
	45	0.0	0.2	0.2	21.3	0.0			
	60	0.0	0.2	0.2	21.3	0.4			
	120	0.0	0.2	0.1	21.0	0.6			
	180	0.0	0.2	0.1	21.1	0.8			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

	Flow (l/hr)	CH4	CO2	O2
MIN	0.0	0.2	0.0	0.1
MAX	0.0	0.8	10.4	21.5
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Kingsley Road, Northenden	Job No: A3939
Date: 9/11/23	Engineer: MM
Time: All day	Client: Kingsley Road Developments

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry	Moist <input checked="" type="text"/>	Wet
Wind:	Calm	Light <input checked="" type="text"/>	Moderate Strong
Cloud cover:	None	Slight	Cloudy <input checked="" type="text"/> Overcast
Precipitation:	None <input checked="" type="text"/>	Slight	Moderate Heavy
Barometric pressure (mb): 989		Local pressure system*: Rising	Air temperature (°C): 8

Well No.	Time (s)	Flow (l/hr)	CH ₄ (% vol. in air)	CO ₂ (% vol. in air)	O ₂ (% vol. in air)	PID (ppm)	Depth to GW (mbgl)	Total Depth (mbgl)	Comments
WS201b	0	0.0	0.2	0.2	20.0	0.3	Dry at base	0.99	CO: 0, H2S: 0. Relative Pressure: -1.43.
	15	0.0	0.2	2.4	19.0	2.6			
	30	0.0	0.2	2.8	16.9	5.4			
	45	0.0	0.2	3.6	15.8	8.6			
	60	0.0	0.2	4.2	14.4	10.9			
	120	0.0	0.2	5.1	12.6	16.6			
	180	0.0	0.2	5.1	12.4	17.8			
	240								
	300								
	360								
	420								
	480								
WS201	0	0.0	0.4	0.1	21.3	0.5	1.76	2.18	CO: 0, H2S: 0. Relative Pressure: -1.53.
	15	0.0	0.2	2.9	19.7	0.2			
	30	0.0	0.3	3.2	16.8	0.0			
	45	0.0	0.3	3.8	15.5	0.0			
	60	0.0	0.3	4.7	15.2	0.0			
	120	0.0	0.3	5.2	12.6	0.0			
	180	0.0	0.3	4.4	14.1	0.0			
	240								
	300								
	360								
	420								
	480								
WS202b	0	0.0	0.3	0.1	20.1	2.6	Wet at base	1.03	CO: 0, H2S: 0. Relative Pressure: -1.34.
	15	0.0	0.3	0.1	19.1	0.3			
	30	0.0	0.3	0.1	19.4	1.9			
	45	0.0	0.3	0.1	19.5	2.1			
	60	0.0	0.3	0.1	19.5	2.2			
	120	0.0	0.3	0.1	19.4	3.5			
	180	0.0	0.3	0.4	19.3	4.5			
	240								
	300								
	360								
	420								
	480								
WS202	0	0.0	0.2	0.1	20.1	22.7	1.78	2.10	CO: 2, H2S: 0. Relative Pressure: -1.22.
	15	0.0	0.2	0.1	19.4	35.6			
	30	0.0	0.2	0.1	17.9	54.2			
	45	0.0	0.2	0.1	17.6	73.5			
	60	0.0	0.2	0.1	17.6	75.1			
	120	0.0	0.2	0.1	17.8	77.1			
	180	0.0	0.2	0.1	18.2	79.4			
	240								
	300								
	360								
	420								

	480							
	540							
	600							

WS203b	0	0.0	0.2	0.2	20.3	52.5	Dry at base	1.02	CO: 0, H2S: 0. Relative Pressure: -1.33.
	15	0.0	0.2	1.2	14.2	109.4			
	30	0.0	0.2	1.2	12.0	117.8			
	45	0.0	0.2	1.2	11.5	121.6			
	60	0.0	0.2	1.2	11.2	125.0			
	120	0.0	0.2	1.3	10.6	149.0			
	180	0.0	0.2	1.3	10.6	156.0			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS203	0	0.0	0.3	0.1	20.3	12.6	1.97	2.91	CO: 1, H2S: 0. Relative Pressure: -1.30.
	15	0.0	0.3	0.9	18.9	22.9			
	30	0.0	0.3	2.3	17.3	225.6			
	45	0.0	0.3	3.0	15.8	334.9			
	60	0.0	0.3	4.7	15.4	438.6			
	120	0.0	0.3	5.5	9.6	469.8			
	180	0.0	0.2	6.7	6.2	498.6			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS204	0	0.0	0.2	0.2	20.3	52.5	Wet at base	1.80	CO: 5, H2S: 0. Relative Pressure: -1.19.
	15	0.0	0.2	1.5	19.2	53.3			
	30	0.0	0.2	1.5	18.5	52.3			
	45	0.0	0.2	1.7	18.2	58.5			
	60	0.0	0.2	2.0	18.0	59.3			
	120	0.0	0.2	2.6	17.2	66.4			
	180	0.0	0.2	2.9	16.8	72.9			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS04b	0	0.0	0.2	0.1	20.3	14.3	Dry at base	1.01	CO: 0, H2S: 0. Relative Pressure: -1.22
	15	0.0	0.2	0.9	20.1	34.8			
	30	0.0	0.2	0.9	19.9	40.8			
	45	0.0	0.2	1.2	19.1	45.8			
	60	0.0	0.2	1.3	18.9	49.9			
	120	0.0	0.2	1.7	18.5	58.2			
	180	0.0	0.2	2.6	17.4	62.8			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS205b	0	0.0	0.2	0.1	20.5	3.1	Dry	0.96	CO: 2, H2S: 0. Relative Pressure: -1.17. Only 1 well.
	15	0.0	0.2	2.8	18.3	5.2			
	30	0.0	0.2	3.1	17.2	9.6			
	45	0.0	0.2	3.3	17.1	12.9			
	60	0.0	0.2	3.6	16.7	13.2			
	120	0.0	0.2	3.9	16.0	15.4			
	180	0.0	0.2	3.9	16.0	15.7			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

	0	0.0	0.2	0.1	20.5	0.10	1.38	1.68	
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WS206	15	0.0	0.1	2.3	19.7	2.40			CO: 1, H2S: 0. Relative Pressure: -1.26.
	30	0.0	0.2	2.4	18.7	3.90			
	45	0.0	0.1	2.5	18.6	5.40			
	60	0.0	0.1	2.6	18.5	8.90			
	120	0.0	0.1	2.8	18.2	9.10			
	180	0.0	0.1	2.8	18.2	10.90			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS206b	0	0.0	0.2	0.1	20.6	2.3	Wet at base	1.05	CO: 0, H2S: 0. Relative Pressure: -1.15.
	15	0.0	0.1	0.3	20.3	3.4			
	30	0.0	0.1	0.3	20.3	4.8			
	45	0.0	0.1	0.3	20.1	5.6			
	60	0.0	0.1	0.4	19.4	7.2			
	120	0.0	0.1	0.8	19.3	9.3			
	180	0.0	0.1	0.9	19.2	11.1			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS207b	0	0.0	0.2	0.2	20.3	0.1	Dry at base	1.02	CO: 1, H2S: 0. Relative Pressure: -1.15.
	15	0.0	0.2	1.5	18.7	0.3			
	30	0.0	0.2	1.5	18.9	0.3			
	45	0.0	0.2	1.6	18.8	0.5			
	60	0.0	0.2	2.1	18.4	0.9			
	120	0.0	0.1	2.3	18.2	1.2			
	180	0.0	0.1	3.1	17.4	1.2			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS207	0	0.0	0.2	0.1	20.4	0.3	1.51	3.87	CO: 1, H2S: 0. Relative Pressure: -1.07.
	15	0.0	0.1	5.2	18.2	0.6			
	30	0.0	0.2	5.4	18.4	1.4			
	45	0.0	0.2	5.6	14.2	2.6			
	60	0.0	0.2	5.9	16.2	3.2			
	120	0.0	0.2	6.1	16.1	0.3			
	180	0.0	0.1	6.1	13.7	0.0			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS208b	0	0.0	0.1	0.8	19.3	22.2	Dry	1.03	CO: 2, H2S: 0. Relative Pressure: -1.07.
	15	0.0	0.2	0.2	19.7	24.6			
	30	0.0	0.2	0.3	19.9	27.8			
	45	0.0	0.2	0.5	19.8	30.4			
	60	0.0	0.2	0.6	19.7	32.1			
	120	0.0	0.2	0.1	19.2	32.3			
	180	0.0	0.2	0.3	19.1	32.3			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

	0	0.0	0.1	0.1	20.4	14.3	2.27	2.96	
	15	0.0	0.1	2.4	19.1	18.4			
	30	0.0	0.1	2.4	18.4	20.6			
	45	0.0	0.1	2.4	18.4	27.9			
	60	0.0	0.1	2.4	18.4	37.8			
	120	0.0	0.1	2.5	18.4	32.4			

WS208	180	0.0	0.1	2.5	18.4	24.6			CO: 0, H2S: 0. Relative Pressure: -1.05.
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS209b	0	0.0	0.1	0.1	20.6	2.3	Wet at base	1.05	CO: 0, H2S: 0. Relative Pressure: -1.15.
	15	0.0	0.1	0.1	20.3	4.6			
	30	0.0	0.1	0.1	20.6	5.2			
	45	0.0	0.1	0.1	20.6	7.3			
	60	0.0	0.1	0.1	20.6	9.6			
	120	0.0	0.1	0.1	20.6	10.2			
	180	0.0	0.1	0.1	20.6	10.4			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS209	0	0.0	0.1	0.1	20.7	0.6	0.98	1.95	CO: 0, H2S: 0. Relative Pressure: -1.05.
	15	0.0	0.2	0.7	20.5	1.4			
	30	0.0	0.1	0.7	20.4	3.6			
	45	0.0	0.1	0.6	20.4	4.9			
	60	0.0	0.1	0.5	20.4	4.9			
	120	0.0	0.1	0.2	20.6	5.1			
	180	0.0	0.1	0.1	20.6	5.1			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS210b	0	0.0	0.0	0.1	20.7	0.0	Dry at base	0.97	CO: 0, H2S: 0. Relative Pressure: -1.08.
	15	0.0	0.0	0.1	20.7	0.0			
	30	0.0	0.0	0.1	20.6	0.2			
	45	0.0	0.0	0.2	20.5	0.2			
	60	0.0	0.0	0.2	20.4	0.3			
	120	0.0	0.0	0.6	19.8	0.3			
	180	0.0	0.0	0.7	19.8	0.3			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS210	0	0.0	0.0	0.1	20.7	0.2	1.24	1.95	CO: 0, H2S: 0 Relative Pressure: -1.05.
	15	0.0	0.0	0.1	20.4	0.3			
	30	0.0	0.1	0.1	20.5	0.4			
	45	0.0	0.0	0.2	20.5	0.5			
	60	0.0	0.0	0.3	20.4	0.5			
	120	0.0	0.0	0.4	20.2	0.8			
	180	0.0	0.0	0.5	20.1	0.6			
	240								
	300								
	360								
	420								
	480								
	540								
	600								

	Flow (l/hr)	CH4	CO2	O2
MIN	0.0	0.0	0.1	6.2
MAX	0.0	0.4	6.7	21.3
GSV		0	0	

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Kingsley Road	Job No:	A3939
Date:	31/10/2023	Engineer:	MM
Time:	08.00-16.00	Client	Kingsley Developments
Weather:	Wet		

MONITORING & SAMPLING DETAILS

Well / Borehole reference:	WS201	WS202	WS203	WS204	WS206	WS207	WS208	WS209	WS210
Monitoring details									
Groundwater depth (mbgl)	1.78	1.78	1.96	Wet at base	1.33	1.47	2.28	1	1.25
Depth to base of well (mbgl)	2.13	2.07	2.90	1.78	1.70	3.84	2.95	1.92	1.92
Diameter of well (mm)	50	50	50	50	50	50	50	50	50
Condition of well	Good	Good	Good	Good	Good	Good	Good	Good	Good
Free product thickness (m)	-	-	-	-	-	-	-	-	-
Hydrocarbon sheen noted (Y/N)	N	N	N	N/A	N	N	N	N	N

Purging details									
Purge method	Hex pump	Bailer	Hex pump	N/A	Bailer	Hex pump			Bailer
Purged volume (litres)	N/A	0.5	N/A	N/A	0.5	N/A	N/A	N/A	0.5
Recharge (good / poor)	N/A	Poor	N/A	N/A	Poor	N/A	N/A	N/A	Poor

Sampling details									
Sampling method	Hex pump	Bailer	Hex pump	N/A	Bailer	Hex pump			Bailer
Volume of water sample taken (litres)	0.14	0.14	2.14	N/A	0.14	2.14	1.14	2.14	0.14
Volume of free product sample taken (litres)	-	-	-	N/A	-	-	-	-	-
Colour / odours noted	Brown, cloudy, silty with sediment. No odour.	Dark brown, cloudy with sediment. No odour.	Dark brown, cloudy with sediment. No odour. Slight iron sheen.	N/A	Dark brown, cloudy, silty with sediment. Slight hydrocarbon odour. Slight iron sheen.	Greyish brown, cloudy with sediment. No odour.	Dark brown, cloudy, silty with slight sediment. Slight hydrocarbon odour. Slight iron sheen.	Brownish grey, cloudy, with slight sediment. No odour.	Dark brown, cloudy with sediment. No odour.

In-situ Testing Details									
pH	7.13	7.86	6.64	N/A	6.69	6.49	6.76	6.53	7.2
Electrical Conductivity (µS)	24	27	24	N/A	23	25	25	24	25
Temperature (°C)	10.2	10.7	11.3	N/A	11.2	10.9	10.7	11.1	10.8
Total Dissolved Solids (ppm)	14	13	12	N/A	11	12	12	12	13
Dissolved Oxygen (mg/ l)	1.26	1.9	2.48	N/A	3.61	4.49	5.63	0.19	5.05

NOTES

No samples were taken from WS4 and WS5 as there was no water.

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Kingsley Road	Job No:	A3939
Date:	09/12/2023	Engineer:	MM
Time:	08.00-16.00	Client	Kingsley Developments
Weather:	Wet		

MONITORING & SAMPLING DETAILS

Well / Borehole reference:	WS201	WS202	WS203	WS204	WS206	WS207	WS208	WS209	WS210
Monitoring details									
Groundwater depth (mbgl)	1.71	1.70	1.84	Wet at base	1.25	1.51	2.15	1.33	1.09
Depth to base of well (mbgl)	2.21	2.11	2.90	1.80	1.75	3.8	2.96	2.03	2.00
Diameter of well (mm)	50	50	50	50	50	50	50	50	50
Condition of well	Good	Good	Good	Good	Good	Good	Good	Good	Good
Free product thickness (m)	-	-	-	-	-	-	-	-	-
Hydrocarbon sheen noted (Y/N)	N	N	Y	N/A	Y	N	Y	N	N

Purging details

[illegible]

Sampling details

Sampling method	Hex pump								
Volume of water sample taken (litres)	1.1	1.1	1.1	N/A	1.1	2.1	2.1	2.1	1.1
Volume of free product sample taken (litres)	-	-	-	N/A	-	-	-	-	-
Colour / odours noted	Dark brown, cloudy, silty with sediment. No odour.	Greysih brown, cloudy with sediment. No odour.	Dark brown, cloudy, silty with sediment. No odour.	N.A	Dark brown, cloudy, silty with sediment. No odour.	Dark brown, cloudy, silty with sediment. No odour.	Dark brown, cloudy, silty with sediment. No odour.	Dark brown, cloudy, silty with sediment. No odour.	Dark brown, cloudy, silty with sediment. No odour.

In-situ Testing Details

pH	6.43	7.84	7.55	N/A	8.13	6.57	7.52	7.28	6.45
Electrical Conductivity (µS)	34	30	26	N/A	24	26	26	25	27
Temperature (°C)	6.3	5.6	6	N/A	7.2	8	9	5.9	9.2
Total Dissolved Solids (ppm)	17	13	13	N/A	12	13	13	17	149
Dissolved Oxygen (mg/ l)	4.49	6.65	2.11	N/A	6.1	3.25	4.86	6.72	4.44
Redox (mV)	243	91	129	N/A	122	117	207	116	198

Notes

No samples were taken from WS4 and WS5 as there was no water.

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Kingsley Road	Job No:	A3939
Date:	14/12/2023	Engineer:	MM
Time:	08:00	Client	Kingsley Developments
Weather:	Wet		

MONITORING & SAMPLING DETAILS

Well / Borehole reference:	WS201	WS202	WS203	WS204	WS206	WS207	WS208	WS209	WS210
Monitoring details									
Groundwater depth (mbgl)	1.75	1.78	1.97	1.69	1.41	1.48	2.20	1.04	1.33
Depth to base of well (mbgl)	2.20	2.08	2.95	1.75	1.73	3.86	2.93	1.95	2.00
Diameter of well (mm)	50	50	50	50	50	50	50	50	50
Condition of well	Good	Good	Good	Good	Good	Good	Good	Good	Good
Free product thickness (m)	-	-	-	-	-	-	-	-	-

Notes
No samples of water were taken on this visit. The purpose of the visit was to see if there were any NAPL in the groundwater.