

Methan (%v/v)

[illegible]

Carbon Dioxide (%v/v)

[illegible]

Sample	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	DO Saturation (%)	DO Saturation (mg/L)	Oxygen (%v/v)
1	20.5	7.2	8.5	100	8.5	2.9
2	21.0	7.1	8.2	98	8.2	2.8
3	21.5	7.0	7.9	96	7.9	2.7
4	22.0	6.9	7.6	94	7.6	2.6
5	22.5	6.8	7.3	92	7.3	2.5
6	23.0	6.7	7.0	90	7.0	2.4
7	23.5	6.6	6.7	88	6.7	2.3
8	24.0	6.5	6.4	86	6.4	2.2
9	24.5	6.4	6.1	84	6.1	2.1
10	25.0	6.3	5.8	82	5.8	2.0
11	25.5	6.2	5.5	80	5.5	1.9
12	26.0	6.1	5.2	78	5.2	1.8
13	26.5	6.0	4.9	76	4.9	1.7
14	27.0	5.9	4.6	74	4.6	1.6
15	27.5	5.8	4.3	72	4.3	1.5
16	28.0	5.7	4.0	70	4.0	1.4
17	28.5	5.6	3.7	68	3.7	1.3
18	29.0	5.5	3.4	66	3.4	1.2
19	29.5	5.4	3.1	64	3.1	1.1
20	30.0	5.3	2.8	62	2.8	1.0
21	30.5	5.2	2.5	60	2.5	0.9
22	31.0	5.1	2.2	58	2.2	0.8
23	31.5	5.0	1.9	56	1.9	0.7
24	32.0	4.9	1.6	54	1.6	0.6
25	32.5	4.8	1.3	52	1.3	0.5
26	33.0	4.7	1.0	50	1.0	0.4
27	33.5	4.6	0.7	48	0.7	0.3
28	34.0	4.5	0.4	46	0.4	0.2
29	34.5	4.4	0.1	44	0.1	0.1
30	35.0	4.3	0.0	42	0.0	0.0

[illegible]

Hydrogen Sulphide (ppm)

[illegible]

Carbon Monoxide (ppm)

[illegible]

Flow (1hr) Maximum (M) & Steady State (s) Value Given

Installation:	WS1 M	WS1 S	WS2 M	WS2 S	WS3 M	WS3 S	WS4 M	WS4 S	WS5 M	WS5 S	WS6 M	WS6 S	WS7 M	WS7 S
22/02/2024	BD	BD	BD	BD	BD	BD	NR	NR	BD	BD	BD	BD	BD	BD
29/02/2024	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
07/03/2024	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
14/03/2024	BD	BD	-0.1	-0.1	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
21/03/2024	0.1	0.1	BD	BD	-0.1	-0.1	BD	BD	0.1	0.1	BD	BD	BD	BD
28/03/2024	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	0.1	0.1	-0.1	-0.1

Pressure Differential (mb)

Installation:	WS1	WS2	WS3	WS4	WS5	WS6	WS7							
22/02/2024	BD	BD	BD	NR	BD	BD	BD							
29/02/2024	BD	BD	BD	BD	BD	BD	BD							
07/03/2024	BD	BD	BD	BD	BD	BD	BD							
14/03/2024	BD	BD	BD	BD	BD	BD	BD							
21/03/2024	BD	BD	BD	BD	BD	BD	BD							
28/03/2024	BD	BD	BD	BD	BD	BD	BD							

Background Oxygen (%v/v)

Installation:	WS1	WS2	WS3	WS4	WS5	WS6	WS7							
22/02/2024	21.0	21.0	21.0	21.0	21.0	21.0	21.0							
29/02/2024	21.0	21.0	21.0	21.0	21.0	21.0	21.0							
07/03/2024	21.0	21.0	21.0	21.0	21.0	21.0	21.0							
14/03/2024	21.0	21.0	21.0	21.0	21.0	21.0	21.0							
21/03/2024	21.0	21.0	21.0	21.0	21.0	21.0	21.0							
28/03/2024	21.0	21.0	21.0	21.0	21.0	21.0	21.0							

Monitoring Point Depth (mbgl)

Installation:	WS1	WS2	WS3	WS4	WS5	WS6	WS7							
22/02/2024	4.56	4.01	4.43	NR	4.90	4.20	4.50							
29/02/2024	4.56	4.01	4.43	3.49	4.90	4.20	4.50							
07/03/2024	4.56	4.01	4.43	3.49	4.90	4.20	4.50							
14/03/2024	4.56	4.01	4.43	3.49	4.90	4.21	4.50							
21/03/2024	4.55	4.01	4.42	3.49	4.90	4.21	4.49							
28/03/2024	4.56	4.01	4.43	3.48	4.90	4.20	4.50							

Standing Water Levels (mbgl)

Installation:	WS1	WS2	WS3	WS4	WS5	WS6	WS7							
22/02/2024	2.24	1.40	1.35	NR	2.30	2.00	1.80							
29/02/2024	2.53	2.08	1.41	2.13	2.43	2.11	2.00							
07/03/2024	2.54	2.76	1.41	2.03	2.47	2.17	2.17							
14/03/2024	2.59	3.47	1.52	2.14	2.50	3.10	2.43							
21/03/2024	2.60	3.69	1.64	2.06	2.56	3.29	2.50							
28/03/2024	2.70	3.85	1.85	2.31	2.60	3.56	2.56							

		Atmospheric pressure		Weather Conditions	Ground Conditions	Pressure Trend (Last 6 hrs)*
		start	finish			
Date	22/02/2024	09:15	980mb	09:35 980mb	Heavy Rain & light wind, T=5-7°C	Wet
	29/02/2024	10:22	1001mb	10:48 1001mb	Dry, sunny, breezy, T=6-8°C	Dry
	07/03/2024	08:40	1023mb	08:57 1023mb	Cloud, windy, T=7°C	Dry
	14/03/2024	08:40	1002mb	09:00 1003mb	Dry, sunny, light wind, T=9°C	Dry
	21/03/2024	08:15	1023mb	08:35 1018mb	Dry, sunny intervals, windy, T=13-14°C	Wet
	28/03/2024	07:30	973mb	07:53 973mb	Light rain, windy, T=15°C	

start - time at start of gas monitoring NR - Not Recorded; BD - Below Detection (<0.1% v/v, <1ppm, <0.1l/hr or <0.1mb) finish - time at end of gas monitoring * - Pressure trends recorded with a Davis Vantage PRO 2 Weather Station, Whitestake, Nr Preston.

Comments (including samples)

22/02/2024. Groundwater samples were obtained from WS1, WS2, WS3, WS4, WS5 and WS6 on this date.

Gas monitoring as carried out before groundwater sampling. No sheens odours associated within the groundwater recovered from WS1, WS2, WS3, WS4, WS5 and WS6

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Site: Land Of Ashton Old Road
Project Number: DPD 1789
Client: Mahmood Holdings Ltd
Instrumentation: GA2000
Monitored By: D T PENNINGTON

