

FIELD MONITORING DATA

Client:	Caerphilly Borough County Council
Site:	Trehir Landfill, Caerphilly, Mid-Glamorgan.
Date of visit:	25-Jun-18
Weather:	Ground: Dry Wind: Calm Cloud Cover: None: Temp: 17°C

Technicians: C.Masters/S.Chand

Monitoring Point	Water Level (m)	Temp (Deg C)	CH4 %	CO2 %	O2 %	Atoms Press mBar	Comments
N2	11.25	11.2	0.0	0.8	20.3	1013	
N4							Could not locate
N5	10.80	14.5	0.0	1.4	19.5	1017	
N6							Could not locate - dense Vegetation
N8	3.30	12.5	0.0	0.1	20.8	1019	
R8							Could not locate - dense Vegetation
Groundwater Sump							Could not access due to dense Vegetation
W1 (U)							No Flow
W1 (M)							No Flow
W1 (L)							No Flow
O3		17.8					
O5							No access
O8							
MHL 28		13.9					
W1		16.4					
W2		13.9					
W3		13.9					
W5		13.9					
New River Discharge							No Flow
NBH1	4.54	18.4	0.0	0.1	20.6	1015	
NBH2	3.68	15.5	0.0	0.2	20.5	1016	
NBH3	7.64	16.6	0.0	0.1	20.8	1016	
NBH4	N/A	N/A	0.0	0.0	20.5	1014	Insufficient groundwater to sample
NBH5	7.82		0.0	2.3	16.8	1013	Insufficient groundwater to sample
NBH6	16.24	12.9	0.0	0.9	19.8	1014	
NBH7 Front	Dry		0.0	0.0	20.6	1018	Dry - dense vegetation
NBH7 Back	Dry		0.0	0.0	20.6	1018	Dry - dense vegetation
NBH8	Dry		0.0	0.1	20.5	1017	Dry - dense vegetation
Land Drain 1a		14.3					
Land Drain 1b		13.2					
Land Drain 2							Dry

Prepared by

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Project Manager

IN-SITU LEACHATE MONITORING

Monitoring Point	Water Level (m)
M11	8.23
M12	8.57
M13	7.15
M14	7.93
M15	8.08
M21	6.38
M22	Dry
M23	8.34
M24	5.24
M25	6.48