

FIELD MONITORING DATA

Client:	Caerphilly Borough County Council
Site:	Trehir Landfill, Caerphilly, Mid-Glamorgan.
Date of visit:	23-Nov-17
Weather:	Strong Wind: Cloud Cover: Cloudy: Slight Precipitation: Temp 8°C

Technicians Simon Aldridge and Jim Crittenden

Monitoring Point	Water Level (m)	Temp (Deg C)	CH4 %	CO2 %	O2 %	Atoms Press mBar	Comments
N2	3.20	10.5	0.0	3.2	16.9	980	
N4	-	-	-	-	-	-	Unable to gain access due to dense vegetation
N5	6.18	10.9	0.0	2.6	17.6	986	
N6	0.00	10.5					Spot sample taken. Artesian Well
N8	2.40	10.4	0.1	0.1	20.6	987	
R8	-	-	-	-	-	-	Unable to gain access due to dense vegetation
Groundwater Sump	-	-	-	-	-	-	Overgrown
W1 (U)	-	-	-	-	-	-	Dry
W1 (M)	-	-	-	-	-	-	Dry
W1 (L)	-	-	-	-	-	-	Dry
O3	-	16.2	-	-	-	-	Dry
O5	-	-	-	-	-	-	Dry
O8	-	13.3	-	-	-	-	
MHL 28	-	15.1	-	-	-	-	
W1	-	9.3	-	-	-	-	
W2	-	9.3	-	-	-	-	
W3	-	9.3	-	-	-	-	
W5	-	10.0	-	-	-	-	
New River Discharge	-	-	-	-	-	-	Dry
NBH1	5.98	13.8	0.1	0.2	20.5	987	
NBH2	2.70	13.8	0.0	0.3	20.4	986	No bung - concrete case in way
NBH3	5.55	12.5	0.0	0.3	20.6	983	No bung
NBH4	17.5	12.1	0.0	1.6	18.0	983	No bung, overgrown
NBH5	5.54	11.8	0.1	11.7	3.8	982	
NBH6	6.65	11.0	0.0	1.6	15.7	980	
NBH7 Front	DRY	-	0.1	0.1	20.0	986	No bung
NBH7 Back	DRY	-	0.1	0.2	20.1	986	No bung
NBH8	DRY	-	0.1	0.2	20.1	986	
Land Drain 1a	-	15.1	-	-	-	-	
Land Drain 1b	-	12.1	-	-	-	-	
Land Drain 2	-	10.3	-	-	-	-	Dry

Flow in River: High
Flow from discharge pipe into river: No