

## FIELD MONITORING DATA

<b>Client:</b>	Caerphilly Borough County Council
<b>Site:</b>	Trehir Landfill, Caerphilly, Mid-Glamorgan.
<b>Date of visit:</b>	20-Jul-17
<b>Weather:</b>	Warm, Dry

**Technicians:** Simon Aldridge and Jim Crittenden

Monitoring Point	Water Level (m)	Temp (Deg C)	CH4 %	CO2 %	O2 %	Atoms Press mBar	Comments
N2	10.99	13.0	<0.1	0.8	20.1	992	Broken gas tap
N4	-	-	-	-	-	-	Overgrown
N5	8.34	12.2	<0.1	1.6	20.7	1004	
N6	1.29	12.6	<0.1	0.2	21.4	1004	
N8	4.45	11.8	<0.1	0.1	20.9	1004	
R8	-	-	-	-	-	-	Could not locate
Groundwater Sump	-	-	-	-	-	-	Overgrown
W1 (U)	-	-	-	-	-	-	Dry
W1 (M)	-	-	-	-	-	-	Dry
W1 (L)	-	-	-	-	-	-	Dry
O3	-	-	-	-	-	-	Dry
O5	-	-	-	-	-	-	Dry
O8	-	14.9	-	-	-	-	
MHL 28	-	16.9	-	-	-	-	
W1	-	14.8	-	-	-	-	
W2	-	14.7	-	-	-	-	
W3	-	14.8	-	-	-	-	
W5	-	-	-	-	-	-	
New River Discharge	-	-	-	-	-	-	Dry
NBH1	4.70	16.8	<0.1	0.1	21.2	1002	Foot valve replaced
NBH2	3.9	14.6	<0.1	0.1	21.1	1004	No gas tap
NBH3	9.00	15.1	<0.1	0.7	20.2	1002	No bung
NBH4	-	-	<0.1	0.2	20.6	996	No gas tap
NBH5	7.77	11.8	<0.1	5.0	13.2	994	
NBH6	-	-	<0.1	1.9	18.9	994	
NBH7 Front	-	-	<0.1	1.5	19.4	1002	Dry/Blocked, No cap on borehole
NBH7 Back	-	-	<0.1	0.6	20.2	1002	Dry/Blocked, No cap on borehole
NBH8	-	-	<0.1	0.2	21.0	1002	
Land Drain 1a	-	15.5	-	-	-	-	
Land Drain 1b	-	14.7	-	-	-	-	
Land Drain 2	-	-	-	-	-	-	Dry



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

### In-situ Leachate Monitoring

Monitoring Point	Water Level (m)
M11	5.21
M12	9.17
M13	6.70
M14	11.57
M15	CNL



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