

## FIELD MONITORING DATA

<b>Client:</b>	Caerphilly Borough County Council
<b>Site:</b>	Trehir Landfill, Caerphilly, Mid-Glamorgan.
<b>Date of visit:</b>	28-Jun-17
<b>Weather:</b>	Wet, Windy

<b>Technicians:</b> Simon Aldridge, Jim Crittenden, Richard Rafferty
----------------------------------------------------------------------

Monitoring Point	Water Level (m)	Temp (Deg C)	CH4 %	CO2 %	O2 %	Atoms Press mBar	Comments
N2	8.64	11.7	<0.1	0.3	20.8	986	Broken gas tap
N4	2.56	-	<0.1	2.3	18.3	992	Dry/Blocked, no gas tap
N5	7.36	12.1	<0.1	0.9	20.5	992	
N6	10.00	15.2	-				Waterlogged
N8	4.59	12.1	<0.1	0.1	20.9	994	No gas tap
R8	-	-	-	-	-	-	Could not locate
Groundwater Sump	-	-	-	-	-	-	Overgrown
W1 (U)	-	-	-	-	-	-	Dry
W1 (M)	-	-	-	-	-	-	Dry
W1 (L)	-	-	-	-	-	-	Dry
O3	-	-	-	-	-	-	Dry
O5	-	-	-	-	-	-	Dry
O8	-	14.5	-	-	-	-	
MHL 28	-	12.5	-	-	-	-	
W1	-	14.4	-	-	-	-	
W2	-	14.7	-	-	-	-	
W3	-	14.3	-	-	-	-	
W5	-	13.9	-	-	-	-	
New River Discharge	-	-	-	-	-	-	Dry
NBH1	3.60	15.2	<0.1	0.3	20.7	992	
NBH2	3.46	14.9	<0.1	0.1	20.6	989	No gas tap
NBH3	6.85	14.2	<0.1	0.2	20.5	989	
NBH4	12.32	-	<0.1	0.1	20.8	989	No gas tap
NBH5	6.21	10.9	<0.1	3.0	17.0	989	
NBH6	18.78	12.1	<0.1	1.3	20.5	988	
NBH7 Front	7.80	-	<0.1	0.1	20.8	994	Dry/Blocked, No cap on borehole
NBH7 Back	5.90	-	<0.1	0.1	20.8	994	Dry/Blocked, No cap on borehole
NBH8	2.53	-	<0.1	0.2	20.5	993	Dry/Blocked, No cap on borehole
Land Drain 1a	-	13.6	-	-	-	-	
Land Drain 1b	-	15.0	-	-	-	-	
Land Drain 2	-	-	-	-	-	-	Dry

## FIELD MONITORING DATA

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

## FIELD MONITORING DATA

## FIELD MONITORING DATA