

## FIELD MONITORING DATA

<b>Client:</b>	Caerphilly Borough County Council
<b>Site:</b>	Trehir Landfill, Caerphilly, Mid-Glamorgan.
<b>Date of visit:</b>	18-Nov-16
<b>Weather:</b>	Dry, Overcast, 4oC

<b>Technicians:</b> Jamie Richards, Simon Aldridge
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Monitoring Point	Water Level (m)	Temp (Deg C)	CH4 %	CO2 %	O2 %	Atoms Press mBar	Comments
N2	7.03	11.3	<0.1	4.5	15.7	1011	
N4	-	-	<0.1	0.3	20.9	1017	Blocked
N5	7.90	10.7	0.2	0.3	20.0	1019	
N6	0.00	11.9	-	-	-	-	Artesian Well
N8	2.96	9.3	0.2	0.2	20.6	1016	
R8	-	-	-	-	-	-	No access - Due to dense vegetation
Groundwater Sump	-	11.1	-	-	-	-	
W1 (U)	-	-	-	-	-	-	Dry
W1 (M)	-	-	-	-	-	-	Dry
W1 (L)	-	-	-	-	-	-	Dry
O3	-	-	-	-	-	-	Dry
O5	-	-	-	-	-	-	
O8	-	10.9	-	-	-	-	
MHL 28	-	11.0	-	-	-	-	
W1	-	7.3	-	-	-	-	
W2	-	7.4	-	-	-	-	
W3	-	7.1	-	-	-	-	
W5	-	9.9	-	-	-	-	Dry
New River Discharge	-	-	-	-	-	-	Dry
NBH1	2.51	10.7	<0.1	4.1	17.1	1009	
NBH2	-	-	<0.1	0.1	20.8	1009	Blocked
NBH3	5.94	9.3	<0.1	0.2	21.2	1009	Gas cap missing
NBH4	15.53	10.6	0.2	0.1	20.5	1011	
NBH5	6.10	10.7	<0.1	10.7	6.1	1008	
NBH6	18.89	11.0	<0.1	0.5	20.6	1009	Dry
NBH7	-	-	<0.1	1.6	20.3	1002	Dry
NBH8	-	-	<0.1	0.8	20.0	1002	Dry
Land Drain 1a	-	9.5	-	-	-	-	
Land Drain 1b	-	9.5	-	-	-	-	
Land Drain 2	-	9.6	-	-	-	-	

Flow in River:

High

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Flow from discharge pipe into river: No

### In-situ Leachate Monitoring

Monitoring Point	Water Level (m)
M11	Unable to locate
M12	Unable to locate
M13	6.07
M14	7.36
M15	Unable to locate
M21	Dry
M22	7.53
M23	8.54
M24	5.21
M25	6.32

Prepared by



Project Manager