

FIELD MONITORING DATA

Client:	Caerphilly Borough County Council
Site:	Trehir Landfill, Caerphilly, Mid-Glamorgan.
Date of visit:	17-Oct-16
Weather:	Heavy Rain, 13°C

Technicians: Jamie Richards, Simon Aldridge
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Monitoring Point	Water Level (m)	Temp (Deg C)	CH4 %	CO2 %	O2 %	Atoms Press mBar	Comments
N2	9.81	15.1	0.1	0.1	16.3	997	
N4	-	-	<0.1	0.1	20.3	1009	Blocked
N5	5.79	14.1	0.1	0.3	19.9	1010	
N6	0.00	14.3	-	-	-	-	Artesian Well
N8	4.51	12.2	0.1	0.2	21.3	1006	
R8	-	-	-	-	-	-	No access - Due to dense vegetation
Groundwater Sump	-	13.2	-	-	-	-	
W1 (U)	-	-	-	-	-	-	Dry
W1 (M)	-	-	-	-	-	-	Dry
W1 (L)	-	-	-	-	-	-	Dry
O3	-	-	-	-	-	-	Dry
O5	-	-	-	-	-	-	
O8	-	15.2	-	-	-	-	
MHL 28	-	17.1	-	-	-	-	
W1	-	14.6	-	-	-	-	
W2	-	14.5	-	-	-	-	
W3	-	14.5	-	-	-	-	
W5	-	-	-	-	-	-	Dry
New River Discharge	-	-	-	-	-	-	Dry
NBH1	3.15	17.2	<0.1	3.5	20.0	1004	
NBH2	-	-	<0.1	0.3	20.5	1000	Blocked
NBH3	8.42	15.1	<0.1	0.2	20.5	1000	
NBH4	16.50	13.8	<0.1	0.1	20.7	1000	
NBH5	5.35	13.7	0.1	0.2	17.3	998	
NBH6	12.40	14.3	0.1	0.1	20.3	998	
NBH7	-	-	<0.1	1.5	19.3	1000	Dry
NBH8	-	-	<0.1	0.1	19.9	1000	Dry
Land Drain 1a	-	14.1	-	-	-	-	
Land Drain 1b	-	14.1	-	-	-	-	
Land Drain 2	-	14.6	-	-	-	-	

Flow in River:

Medium

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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	7.97
M14	7.53
M15	Unable to locate
M21	Dry
M22	7.96
M23	8.32
M24	5.45
M25	6.24