

Pwllfawatkin PPC survey requirements- Jan 2021

4.2.2

(a) Annual environment report to follow

(b) Energy Consumed

Gas – Gas compliance is currently 100%

Leachate – Leachate compliance is currently 100%, no improvement possible.

(c) + (d)

Table S5.3 Performance Parameters			
Parameter	Frequency of Assessment	Annual Total	Unit
Potable Water Use	Annually	1835 estimated	cubic meters
Energy Used (including for leachate treatment)	Annually	42.645	MWh of electricity
Non Potable water use	Annually	2807	cubic meters

(e)

Table S5.2: Annual Production Treatment Pwllfawatkin	
Leachate	Cubic metres/year
Disposed of off site	25127
Disposed of to any onsite effluent treatment plant	0
Recirculated into the waste mass	0
Surface water and / or groundwater	Cubic metres/year
Disposed off of site	not recorded
Disposed of to any onsite effluent treatment plant	0
Landfill Gas	Normalised cubic metres/year
Combustion in flares	530,035
combustion in gas engines	4,532,740
Other methods of gas utilisation	0
Average methane content entering the landfill gas utilisation or treatment compound (based on the annual average of Table S3.10 monitoring)	44.9% methane v/v

(f) No contam or deconta.

(g) Topo Survey 479A457

(h) Volumetric difference 58072m3

(i) 479A428

(j) remaining void 205,796m3