



REVIEW OF MONITORING AND ASSESSMENT AT POETON CARDIFF 2021

This review is undertaken to comply with condition 4.2.2(a) of our environmental permit no. BP1772IZ.

With the continued restrictions due to COVID-19 challenges have continued throughout 2021, but we have started to see and upturn in work. The increased workload has enabled us to start recruiting and increase staff levels.

Year	Employees
2020	65
2021	67

Water Use:

Year	Total water use	Operational Hours	M3 water /op. hour
2020	33637	6240	5.39
2021	31676	6330	5.00

We are pleased to report that our water consumption has reduced again on the previous year. We are remaining vigilant with regards to staff training, maintenance measures such as flow restrictors and monitoring, to further reduce usage.

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Waste:

Waste	Haz waste (tonnes)	Recycled (Tonnes)
2020	26.7	22.8
2021	28.9	14.7

Waste consigned as a whole has reduced in 2021, we have continued with a high level of waste being recycled. The high level of hazardous waste hazardous waste is a continuation of us removing waste that had built up and aiming to not keep as much waste on site. We are working towards improving our control of stock and reducing / limiting where possible waste generated in going forward. Recycled Solvents were approx. 2.17 tonnes, recycled scrap and empty drums were approx. 0.3, and recycling consigned through Biffa 11.2 tonnes.

We continue to reuse packaging where possible and we are encouraging customers to use bespoke packaging for their parts, so they can be sent back in the packaging they came in. This has an immediate effect on stopping waste being generated in the first place.

Energy Use:

Year	Primary Energy (MWh)	Energy/op hour	Co2	Co2/op hour
2020	3095.2	0.49	526.3	0.084
2021	3162.1	0.49	537.7	0.084

More efficient equipment and lighting continues to be installed when upgrades take place in line with continual improvement projects, along with ensuring equipment that is not being used is turned off, is having a positive impact on our energy usage. Energy usage has increased slightly this year, but this is in line with the increased operational hours and workload.

Mass Release:

Year	Cadmium (Kg)	Mercury (mg)
2020	1.88	0.002
2021	0.75	0.002

Design works for a completely new effluent plant have been started with installation expected to start around Q3 2022. This will enable us to continue to comply with our permit and increase controls around our effluent.

Jason Hamling
(HSE & Facilities Manager)