

Emissions Report, 2015

With reference to form Air1, the reported values were higher than calculated, but were a 1 hour snapshot of emissions at their peak (as recommended by the monitoring company) and so were expected to be relatively high. The results show the peak emissions from a batch process whereas our reported values were calculated based on the total amount of the monitored substance averaged over the working year. We will be taking this forward with a permit variation application.

With reference to form Perf1, refinements to the processes have led to a reduction in solvent consumption of around 17% compared to 2014 whilst output has grown by around 15%. Unfortunately, most of these gains were in activities not monitored by the Permit reporting requirements. One major revision has been a reduction in the use of nitric acid for the oxidation of Si-Thiol, activity A3, where there has been a 10% reduction in the amount of acid used but a small growth in output.

Water consumption is up from 2014, due to increased staff levels but power consumption is down, probably because no building work is currently being carried out so no power tools are being used for extended periods.

Hazardous waste has increased due to a shift in the balance of products manufactured but non-hazardous waste is down 10% due to increased recycling across the site.