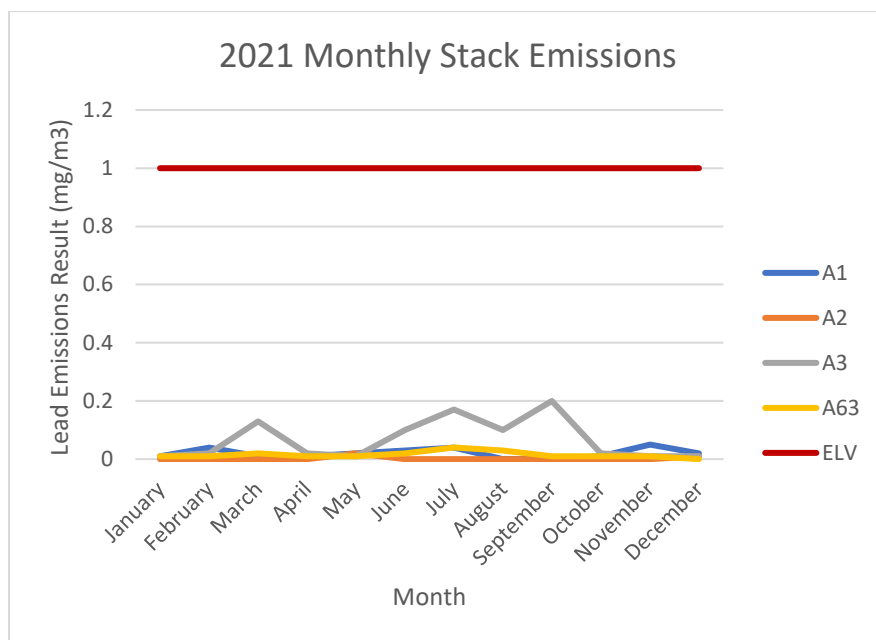


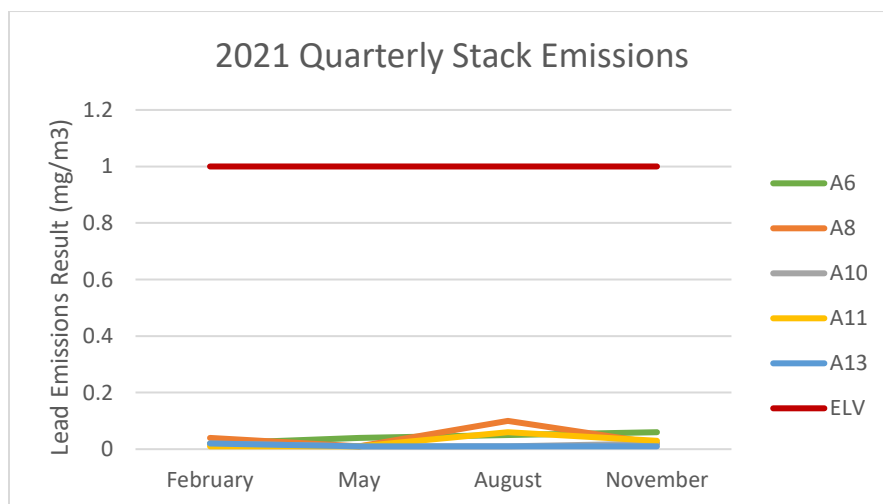
Annual Environmental Review for 2021

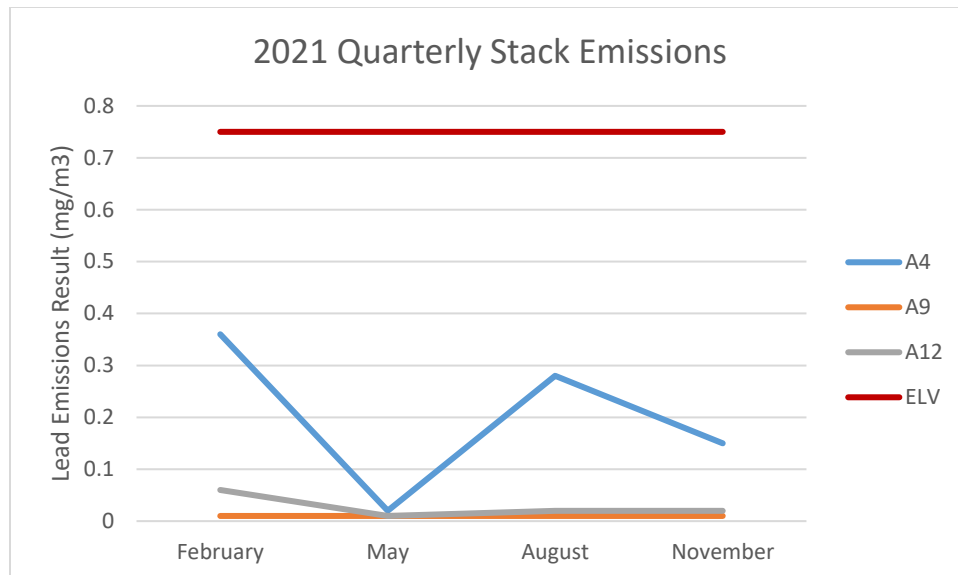
Form A1: Air Emissions

There have been no breaches of the emissions limit value (ELV) for air during 2021. The graphs below show the trend for all air emission points.



Emissions points A1, A2, A3 & A63 are tested on monthly basis. All results from 2021 were below the ELV. This is attributed to the total preventative maintenance that is in place for the abatement equipment.





Quarterly testing that has been carried out on emissions points A6, A8, A10, A11, A13, A4, A9 & A12. All test results have been below the ELV.

All air emissions points are also measured for particulates. This monitoring was carried out in November by an external contractor and all ELVs' came in below the limits, these results were submitted on the annual A1 form. Emissions points A1, A2, A3 & A4 also have Particulate Continuous Emissions Monitors fitted to allow accurate, real-time data to be monitored and collected.

During 2021 it was noticed that there were discrepancies with previous fugitive emissions data; this could affect the results gathered in 2019, 2020 & 2021. This was reported and a schedule 5 submitted. Following an investigation into this corrective actions have been implemented to rectify the discrepancies.

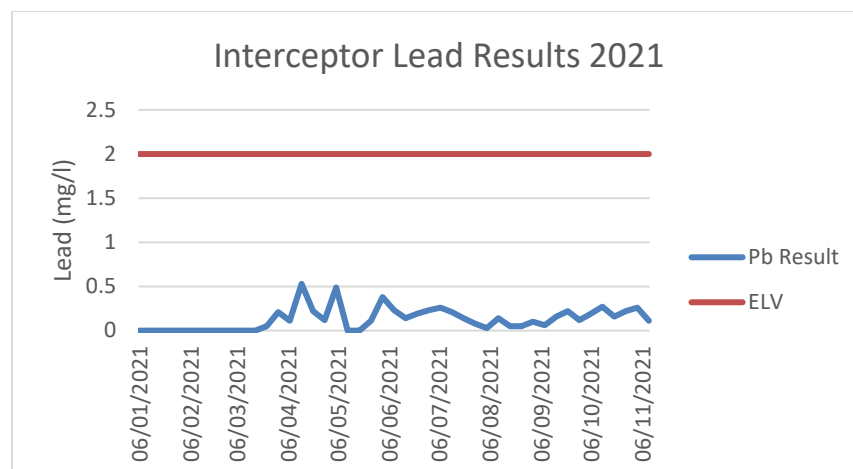
The fugitive emissions data that has been collected since this time gives the site an average of 0.07 $\mu\text{g}/\text{m}^3$. This is below the ELV for the Statutory Air Quality Standard. The canteen roof average is 0.03 $\mu\text{g}/\text{m}^3$ and the boundary fence average is 0.12. The fugitive emissions process is being monitored on a regular basis to ensure the process is stable and that the data is correct.

Form S1: Emissions to Sewer

Discharge of effluent is analysed for Lead (Pb), pH, Sulphates, Suspended solids and flow. All results for 2021 have been within the ELV. Internal and external testing is carried out to ensure any releases are within the ELV.

Form W1; Emissions to Water

Within 2021 all results for Lead from emission point W1 were below the ELV, with the highest reading being 0.53 mg/l, this is shown in the graph below.



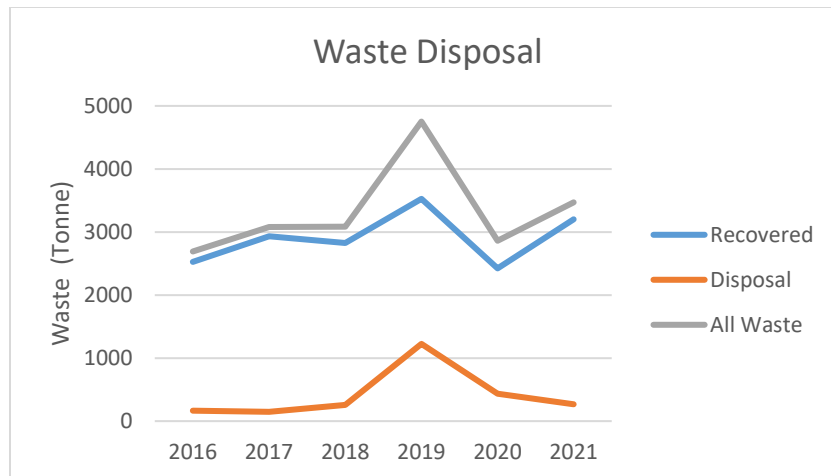
No results were available for 2 periods within 2021 - 6th January-17th March and 10th November-year end. There were no results 6th January-17th March due to a failure of the pump within the interceptor. A new pump was sourced but there was long lead time on receiving this item from the supplier. To ensure this does not happen again a spare is now held on site.

The second period of no results was due to an electrical fault on the interceptor, this has since been repaired. There have been corrective actions put in place to ensure this does not reoccur and that reporting is completed in line with permitting conditions. The corrective actions included repairing the interceptor sampler unit, putting in place a system that allows for manual sampling if the sampler unit is broken, reviewing internal policies and retraining staff on the requirements of these.

Form R1: Waste Disposal and Recovery

During 2021 overall waste disposal increased. The 2 main reasons for this increase are an increase in production output and an increase in staff numbers. Staff numbers rose to 461 in December 2021 compared to 395 in December 2020, an increase of 66 staff. Production on site in 2021 increased by nearly 20%.

Although waste on site has increased, a significant proportion of the waste is sent for recovery as opposed to disposal. Below is a graph showing the trend over the last 6 years.

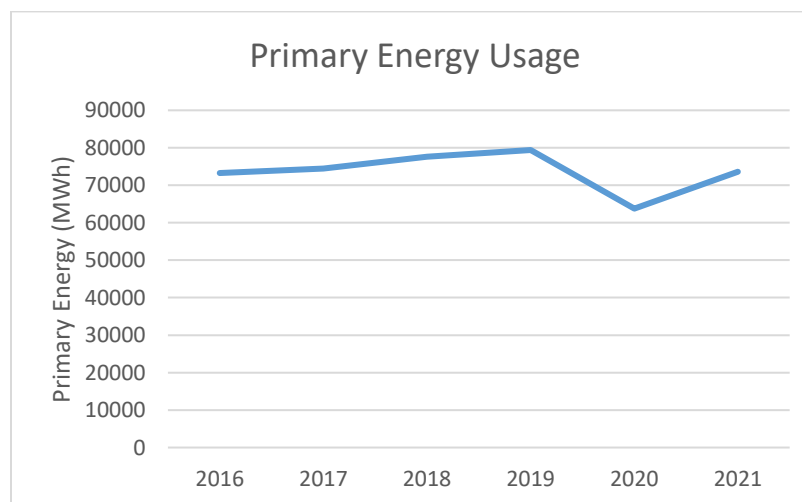


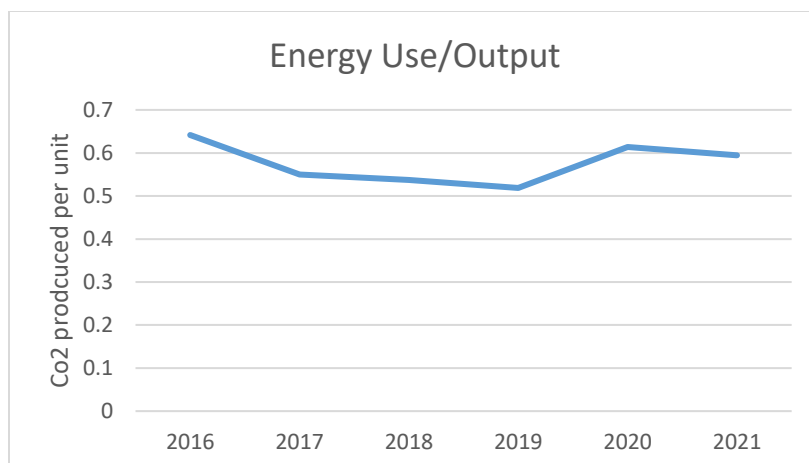
Form WU1: Water Usage

The usage of water has increased within 2021. There are a number of factors which have attributed to this. The increase in production and staff numbers will have been a contributing factor. More water would have been needed to create the product and due to the increased staff numbers more water will have been used due to the extra people required to shower due to working within the lead environment. There has also been trials held within the casting department to wash down reject plates.

Form E1: Energy Usage

The amount of primary energy used in 2021 was higher than in 2020. However, when this is compared to the CO2 produced per unit there has been a slight decrease since 2020. This shows that although more energy has been used it has been used more efficiently per unit produced. The 2 graphs below show the trend for the last 6 years.





During 2022 there is a bigger focus on energy from a corporate level within EnerSys. As a result of this Newport will be given an objective to reduce energy by a certain percentage. The actual percentage reduction has not been confirmed to date; this will be confirmed and implemented from April 2022.

Annual Environmental Objectives

For FY21 there were 2 environmental objectives –

- Maintain 100% compliance with permit reporting conditions
- Maintain accreditation to ISO14001

Unfortunately, the first objective was not met. Due to changes within the EHS department some reporting was not completed in line within our permit. Compliance Assessment Reports have been issued by Natural Resources Wales with corrective actions; these corrective actions have since been acted upon by EnerSys. The corrective actions have strengthened the policies that EnerSys has in place to ensure that all reporting requirements are understood and followed going forward.

The second objective was met. An ISO14001:2015 renewal audit transfer took place on 8th – 24th November by Bureau Veritas (BV). The findings from this audit included 1 nonconformity, (N/C) and 1 opportunity for improvement (OfI).

The N/C was raised for compliance monitoring in relation to the fugitive emissions. During the audit it was discussed with BV that it had been noticed by EnerSys that there were discrepancies with previous fugitive emissions data; this could affect the results gathered in 2019, 2020 & 2021. BV accepted the corrective actions that had already been put in place to rectify the fugitive emissions data. The N/C was raised to ensure that the corrective actions put in place are effective during the next 12 months.

The OfI related the aspects register. It was noted that although there was a scoring system in place the document did not state the significance to the aspect score. It was recommended that documenting the scoring system used will allow easier understanding of the aspects register.



For FY22 there will be at least 3 environmental objectives –

- Maintain 100% compliance with permit reporting conditions
- Maintain accreditation to ISO14001:2015
- A percentage reduction in energy, (final percentage figure to be agreed before April 22)

These objectives will start from April 2022 and finish March 2023. The objectives will be monitored throughout the year and progress in relation to these objectives will be tracked.