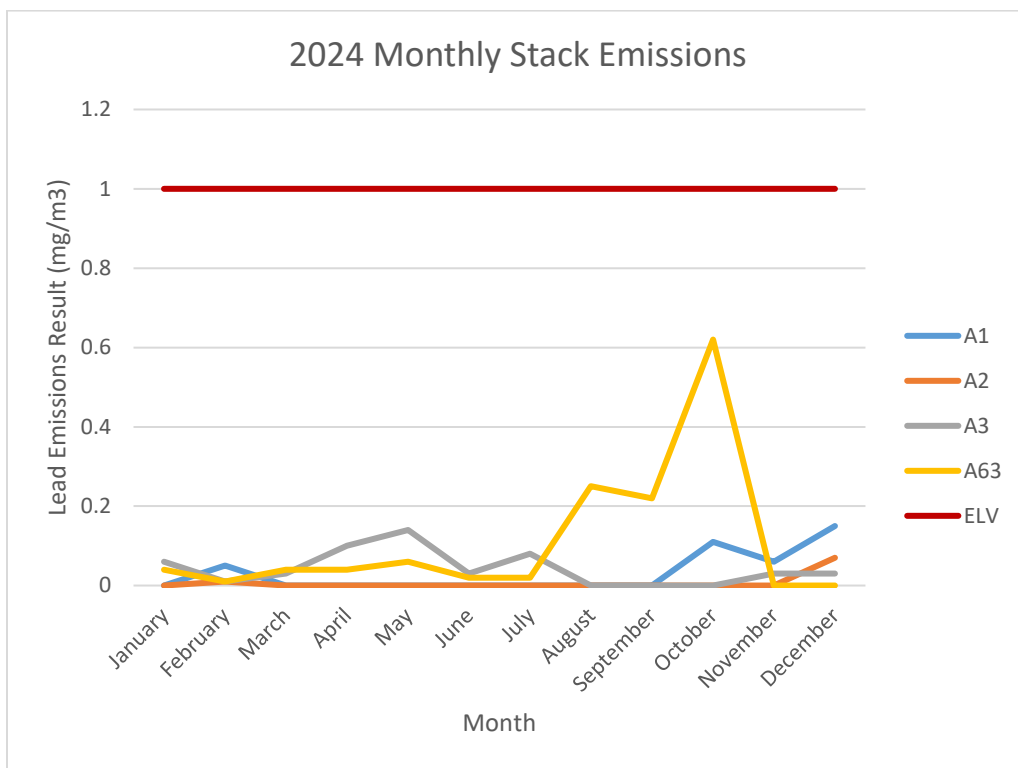


### Annual Environmental Review for 2024 – PC 4.2.2

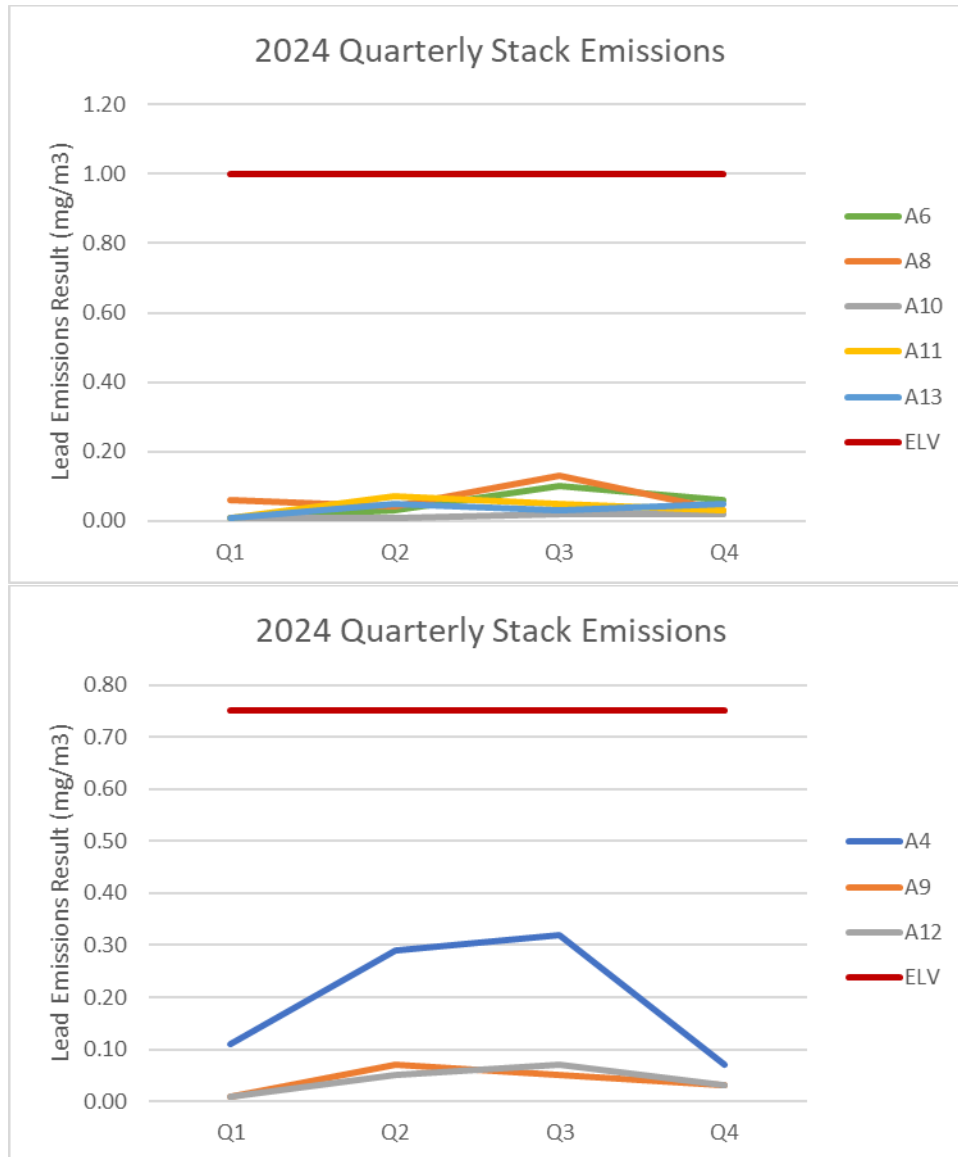
#### Form A1: Air Emissions

During 2024 all results from the air emissions monitoring were within their respective emission limit value (ELV).

The graphs below shows the trend for all air emission points.



Emissions points A1, A2, A3 & A63 are tested on a monthly basis.



Emissions points A6, A8, A10, A11, A13, A4, A9 & A12 are tested on a quarterly basis.

All air emissions points are measured for particulates. This monitoring was carried out in November 2024. The results read between 0.24 mg/m<sup>3</sup> and 0.75 mg/m<sup>3</sup>. These results are an improvement on the previous years which read between 0.25 mg/m<sup>3</sup> and 1.64 mg/m<sup>3</sup>. All of these are below the ELV of 5.00 mg/m<sup>3</sup>. Emissions points A1, A2, A3 & A63 also have Particulate Continuous Emissions Monitors fitted to allow accurate, real-time data to be monitored, collected and acted upon.

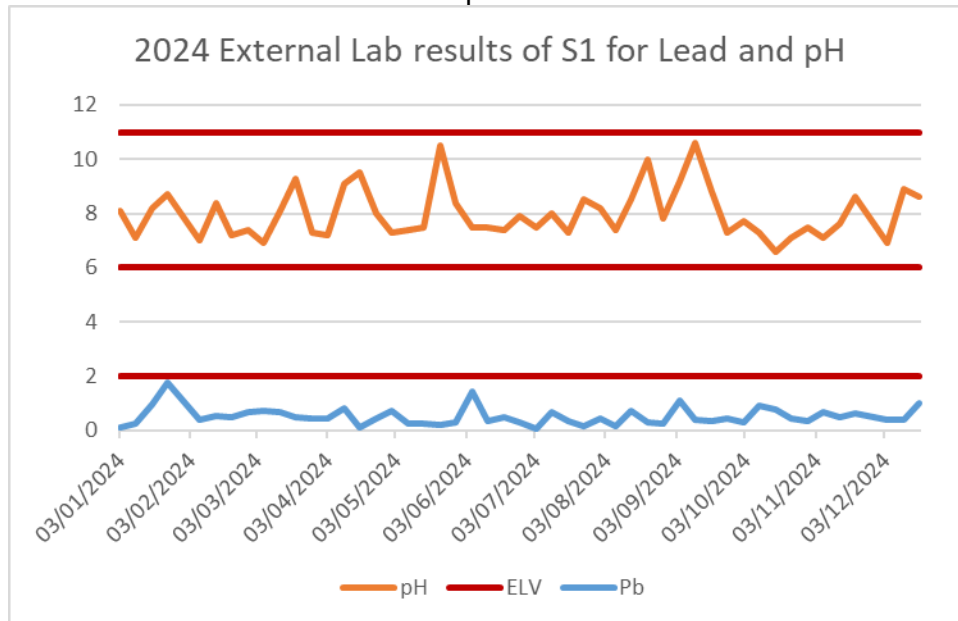
In 2024 fugitive emissions continued to be monitored using an external company to collect and test the samples. The results from the ambient monitoring for site as a whole increased by 0.01 µg/m<sup>3</sup> to 0.08 µg/m<sup>3</sup> as opposed to 2023 average of 0.07 µg/m<sup>3</sup>. Although this is an increase the result remains within the Statutory Air Quality Standard of 0.25 µg/m<sup>3</sup>. The boundary fence monitor reading has decreased back to the same level as it was in 2022 of 0.11 µg/m<sup>3</sup> from

0.14 in 2023. Whereas the canteen roof monitor has increased from 0.02 µg/m<sup>3</sup> in 2023 to 0.06 µg/m<sup>3</sup> in 2024. Investigation work has been carried out to try and understand the reason for the increase but to date a reason for this cannot be found. During 2025 monitoring of the data from the canteen roof will be analysis closely to try and see if there is an increase of decrease on the previous year.

### Form S1: Emissions to Sewer

Discharge of effluent is analysed for Lead (Pb), pH, sulphates, suspended solids and flow. All results for 2024 have been within the ELV. Internal testing is carried out whenever discharge to the sewer is occurring and external testing is carried out once a week. The results from the testing gave an average reading for Pb of 0.51mg/l from external testing and 0.50mg/l from internal testing.

The chart below shows the results for Pb and pH for 2024.

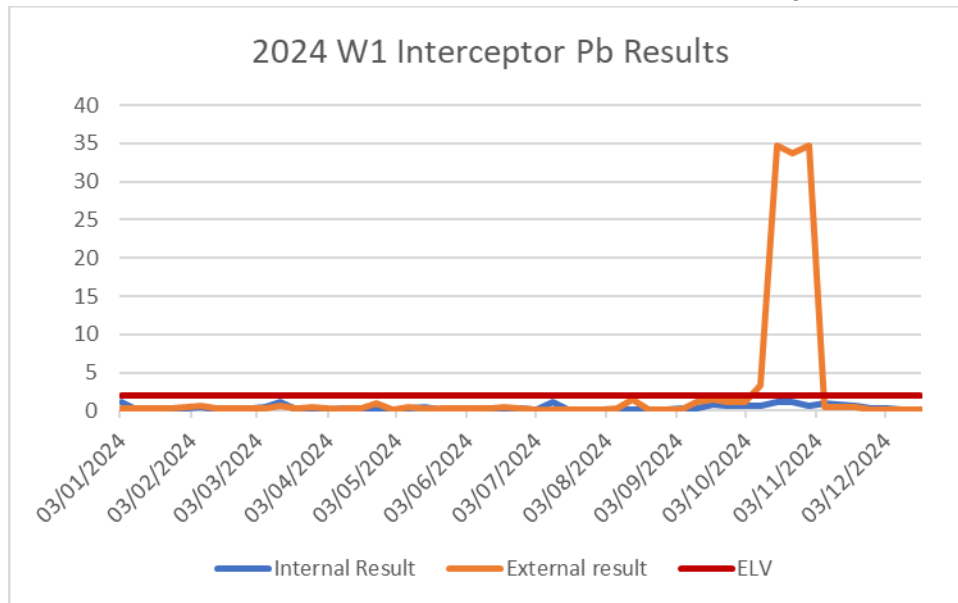


During May 2024 the continuous flow meter for emission point S1 reached the end of life and stopped working. A schedule 5 was submitted to NRW reporting this breakdown in equipment. It was agreed between NRW, Dwr Cymru and EnerSys that discharging could still take place although a temporary measure was agreed that discharging would only happen one full tank at a time to allow EnerSys to still monitor the amount of water it was discharging. The flow meter has now been replaced and continuous flow monitoring is back in place

**Form W1; Emissions to Water**

A sample from W1 is tested on a weekly basis for Pb and pH. The tests are carried out internally and externally. In 2024 there was a breach of the ELV on 16<sup>th</sup> October with a reading of 34.8. At the time of this breach the interceptor door was closed so no discharge to the ree had taken place. NRW were made aware of this via the required Schedule 5 form. As part of the investigation into this incident it was found that the pipe which takes the sample of water had slipped down to the bottom of the interceptor. As a result of this in the sample taken a lot of the debris from the bottom of the interceptor was sucked up and this is what caused the high readings. To rectify this the pipe has been secured to ensure it does not sink to the bottom of the interceptor and therefore takes a more representative sample. Also the interceptor was been cleaned out by GD Environmental. This was scheduled for Jan 2025, (cleaning takes place every 2 years) but has been brought forward.

The chart below shows the external and internal lab results for Pb for 2024.



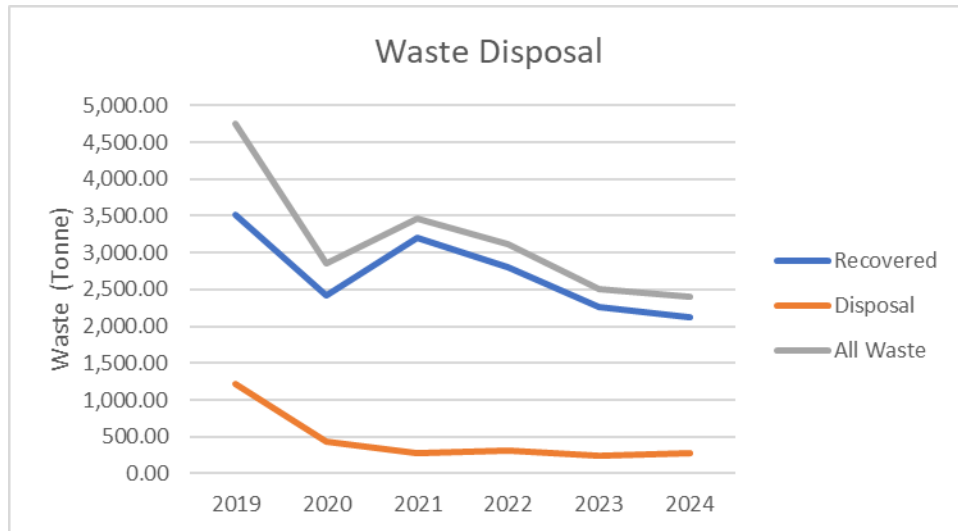
**Form WU1: Water Usage**

In 2024 the water usage decreased to 30,626 m3 from 45,479 in 2023. In 2023 a fault had been found and an action put in place to rectify this. The decrease in the amount of water used shows that the action put in place was effective and brought the usage back down in line with previous years.

**Form R1: Waste Disposal and Recovery**

During 2024 there was a decrease seen in the total amount of waste generated. There is also a decrease when this is worked out in ptp – 2024 total waste 0.12T/T compared to 2023 0.14T/T. However when looking at the amount of waste disposed there has been an increase of 20.48% in waste disposed and an increase of 6.21% in waste recovered.

The chart below shows the trend for all waste generated.



EnerSys will continue to work on reducing waste in 2025.

**Form E1: Energy Usage**

During 2024 the total amount of energy used increased from 65,754.95 to 66,999.16 which is an increase of 1.94%. The amount of CO2 produced also increased, from 11,241.28 to 11,410.67 which is an increase of 1.51%. Although there was an increase in the amount of energy used when working this out ptp there has been a decrease of 10.43%. In 2023 0.6202t/t compared to 2024 0.5555t/t. This shows that EnerSys is making its product in a more energy efficient way and is committed to continue this trend in the next year.

EnerSys has started to create renewable energy on site. During 2024 180 solar panels were installed on the site and this work will continue into 2025. Currently there is a plan in place to install at least another 150 panels and where possible this number will be increased. EnerSys has also installed 8 EV car charging points on site. These are available to be used by staff and visitors to site. As well as this 20 charging points for e-bikes have also been installed.

**Form PI1: Performance Indicators**

In 2024 there was a decrease of 23.11% in total mass release of lead to atmosphere. When working that out ptp 2024 value fell by 27.79% compared to the level 2023. In 2023 there was an increase and an action was put in place to review total mass release of lead on a monthly basis to try and identify and take action if there were any trends identified. That work was carried out and given the decrease the action appears to have been suitable and sufficient.



*Power/Full Solutions*

## **Annual Environmental Objectives**

In FY25 there were 2 environmental objective set –

- Increase the amount of renewable energy created on site
- Initiate the process of gaining ISO50001 certification

Both objectives were achieved. 180 solar panels were installed and a further 150 planned for 2025. EnerSys have worked alongside BSI to delivery training on 50001. The training covered ISO 50001 requirements, Fundamentals of change management, ISO 50001 implementor and ISO 50001 lead auditor. This training was attended by 6 employees from a selection of different functions with the company including EHS, engineering and maintenance. Following this training the next step for 2025 will be to start the process for obtaining ISO 50001 certification.

## **Organisational Changes and Progression**

During 2024 there were no organizational changes within EnerSys. This has enabled the EHS team to focus more on improvements and putting in place processes to improve environmental performance.

The EnerSys global sustainability team has become more embedded within the company in 2024. This has helped EnerSys to focus more on environmental improvements such as the solar panel work and electrical car/bicycle charging.

In 2025 EnerSys will continue the journey on installing more solar panels and will also look at projects to assist with reducing/reusing water.

**Submitted 27<sup>th</sup> February 2025**