EnerSys Newport
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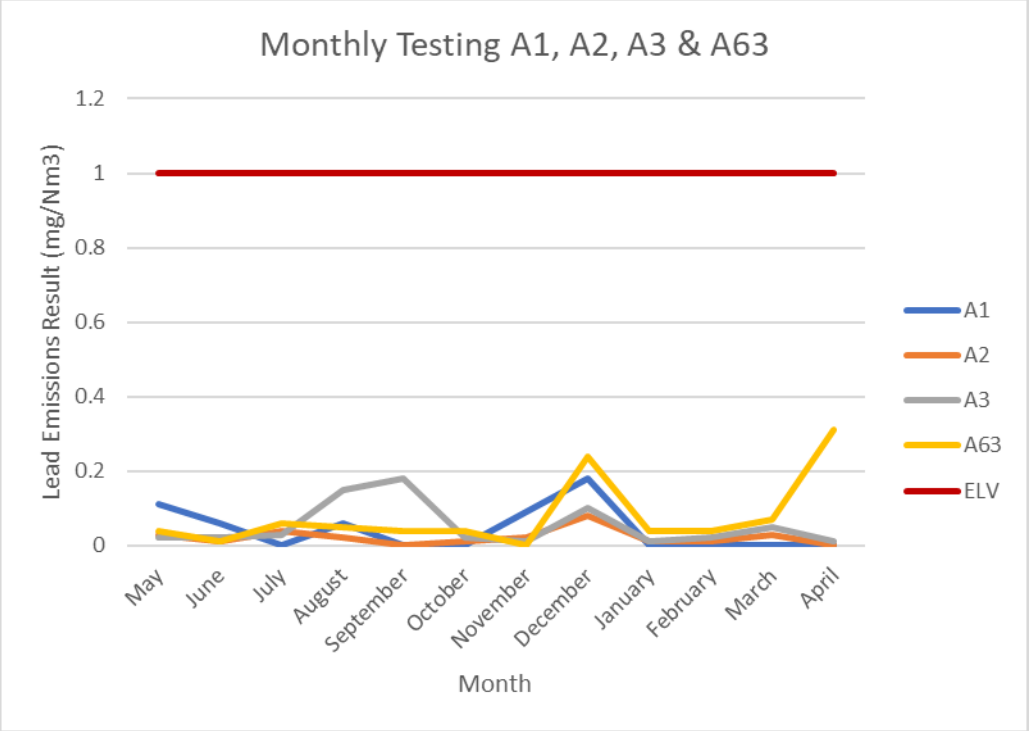
Fugitive Emissions Summary Report 2023

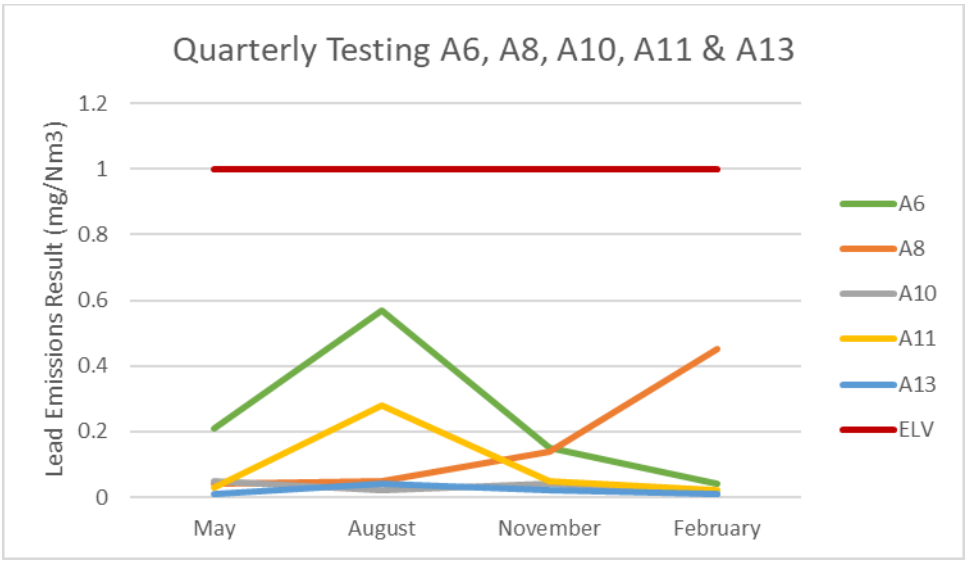
This report is submitted in line with requirements of the environmental permit – NP3030BJ which EnerSys operates under. The following report is submitted using the data from the time period May 2022-April 2023.

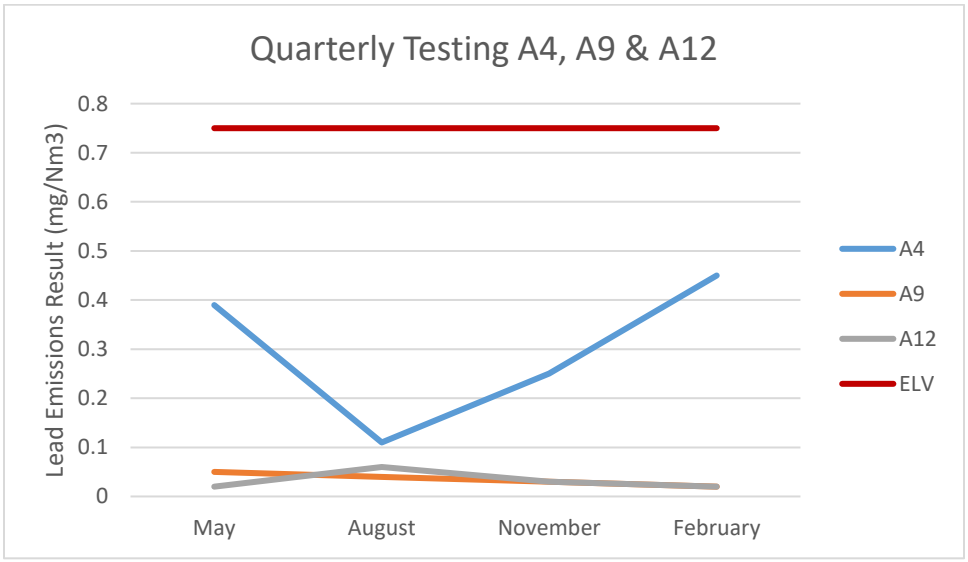
In line with Enersys' commitment to protecting the environment, preventing pollution and reducing emissions all data is analysed as soon as it is available. If there is any data that is trending in the wrong direction or an abnormal reading, then an investigation is carried out to establish the root cause for this and corrective actions are put in place to address the cause. As part of the continual improvement projects on site, (EOS – Enersys Operating System), there are a mixture are daily, weekly and monthly TPMs and KPIs that are put in place to ensure compliance with environmental requirements.

Air Emissions (A1, A2, A3, A63, A6, A8, A10, A11, A13, A4, A9 & A12)

During the reporting period above there have been no breaches of the emissions limit value (ELV) from any air emission point. The three graphs below show the trend and results from the testing of all air emission points. All results are trending well below the ELV.







Particulate Monitoring

All air emissions points are measured for particulates on annual basis. This monitoring is carried out by an external contractor and was completed in November 2022. As shown in the graph below all results are within the ELV and are comparative over the last 4 years. Emissions points A1, A2, A3 & A63 have Particulate Continuous Emissions Monitors fitted to allow accurate, real-time data to be monitored and collected. This system is monitored on a continual basis allowing Enersys to react immediately if the set levels are triggered.

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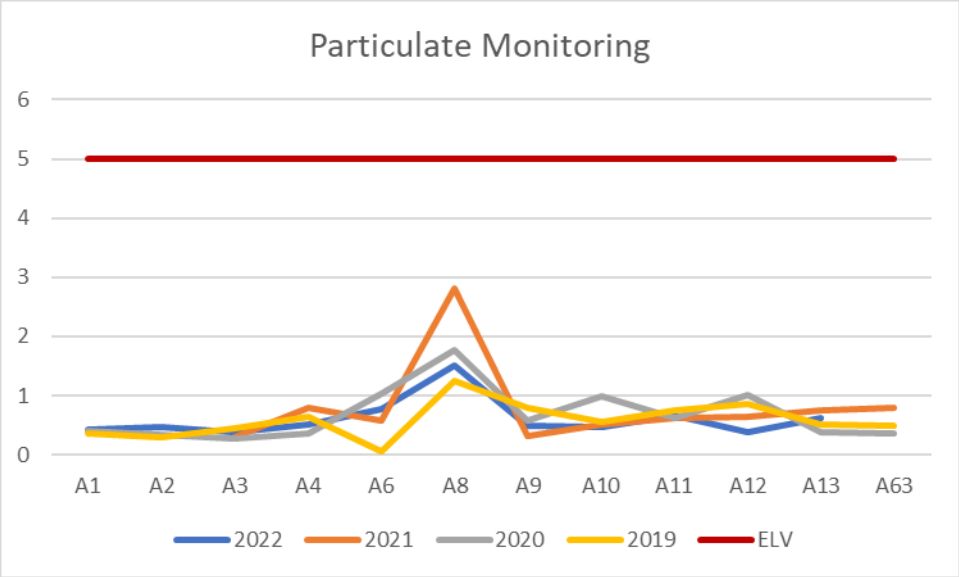


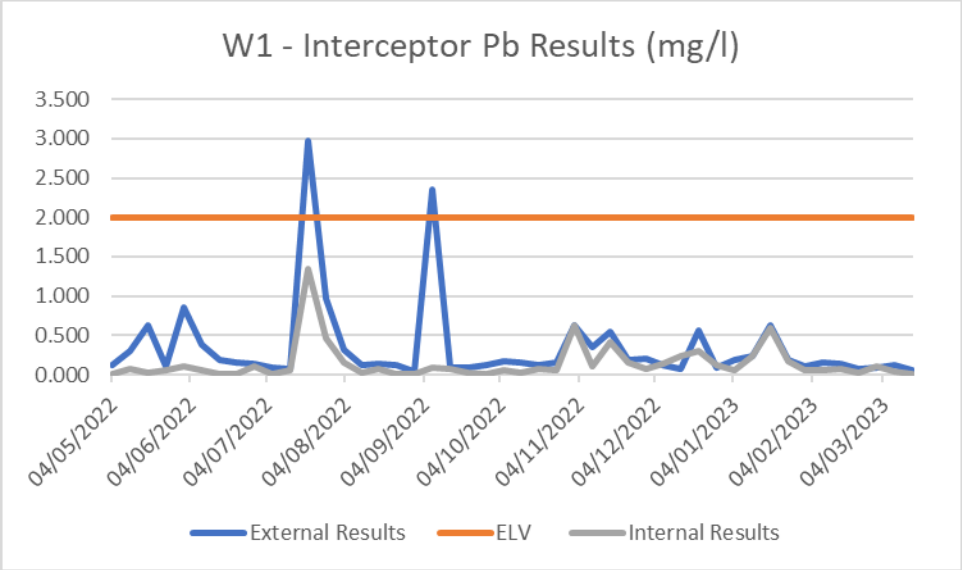
Ambient Air Emissions

Ambient air emissions are monitored at 2 locations of the site, (at the boundary fence and the canteen area). The filters from these monitors are collected and sampled by an external contractor. This is a process which was put in place in 2021 and will continue going forward. From the 2 monitors place on site, the site average was 0.07 µg/m3; this is below the Statutory Air Quality Standard ELV of 0.25 µg/m3. The average reading from the canteen roof monitor was 0.03 µg/m3 and the average reading from the boundary fence monitor was 0.13 µg/m3.

Diffuse Emissions to Water Monitoring (Interceptor, W1)

In 2022 there were 2 occasions when the external readings from W1 exceeded the ELV. These were on 20/07/2022 – reading 2.97 mg/l and 07/09/2022 - reading 2.35 mg/l, (ELV is 2.0 mg/l). Both exceedances were notified through submission of a schedule 5.

Upon investigation of the exceedances, it was determined that there was no flow to the reen at the time, therefore no further action was taken by NRW. Enersys did determine that there were some improvements that could be made internally to the testing process following this exceedance. Internal corrective actions put in place included changing the way in which internal testing is carried out to ensure the test completed is for total lead (as opposed to dissolvable lead), in line with the external testing. To investigate the use of other external labs to get a quicker turnaround of results. Both actions have been implemented. The chart below shows the external and internal lab results for Pb for 2022.



During 2022 there were issues with the W1 auto sampler unit being out of use due to an electrical fault, followed by a long wait for an engineer. Although this did not affect the ability to take a sample, (as there is a manual sampling procedure in place), it was not the most effective way of getting a composite sample. To rectify this a new auto sampler unit has been ordered and is due to be delivered and installed in May 2023.

Enersys is committed to ensuring all environmental aspects are taken seriously and works to ensure fugitive emissions remain in compliance at all times.