

Permit Reporting Interpretive Review Form

Document Title: Interpretive Review

NOP: Clause 4.2.2

Reference:

Form Overview:

Reporting requirements under consolidated permitting the following clause applies:
4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.
The reporting/interpretive review must be sent to the EA/NRW by 31st January of each year.



General Summary

ForFarmers UK has a full EMS & EnMS Management system in place and also is accredited to ISO 14001 & ISO 50001, in 2021 the site has undertaken the following to ensure permitting requirements and data is monitored & managed:

1. Site/Equipment Inspections as per EMS & EnMS Management System
2. Daily & Weekly Tiered Accountability Meetings
3. Monthly Site Meeting
4. 6 monthly site EMS & EnMS Meetings
5. Annual Internal EMS & EnMS Audit
6. Point Source Air/Water Monitoring

The requirements of clause 1.2, 1.3 and 1.4 of the permit will be undertaken on a 4 yearly basis and maintained on site.

Point Source Emissions to Air – to support Emissions to Air Reporting Form

Interpretive Review by air emission point v ELV: testing undertaken via Element Materials, EN13284-1, 3 x 30 minute sampling/line:

A1 – Cooler 1 – result of 1.70 mgm3, well below ELV of 20 mgm3, no sampling deviations. Platform improvements: All platforms should be designed in accordance with the requirements in the Environment Agency's Technical Guidance Note M1 and EN 15259.

A2 – Cooler 2 - result of 1.97 mgm3, well below ELV of 20 mgm3, no sampling deviations. Platform improvements: All platforms should be designed in accordance with the requirements in the Environment Agency's Technical Guidance Note M1 and EN 15259.

A3 – Cooler 3 - result of 1.95 mgm3, well below ELV of 20 mgm3, no sampling deviations. Platform improvements: All platforms should be designed in accordance with the requirements in the Environment Agency's Technical Guidance Note M1 and EN 15259.

A4 – Cooler 4 - result of 2.79 mgm3, well below ELV of 20 mgm3, no sampling deviations. Platform improvements: All platforms should be designed in accordance with the requirements in the Environment Agency's Technical Guidance Note M1 and EN 15259.

A5 – Grinder 1 – result of 0.51 mgm3, well below ELV of 10 mgm3, no sampling or platform deviations. Platform improvements: All platforms should be designed in accordance with the requirements in the Environment Agency's Technical Guidance Note M1 and EN 15259.

A6 – Grinder 2 – result of 0.85 mgm3, below ELV of 10 mgm3, no sampling or platform deviations. Platform improvements: All platforms should be designed in accordance with the requirements in the Environment Agency's Technical Guidance Note M1 and EN 15259.

Water Usage – to support Water Usage Reporting Form

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Total Mains Water – 4,650t was down v 2021 (-679) - We use water in the product mix (1,763t) and apply steam (1,958t) in the product to drive efficiency and reduce our overall impact from energy use. Water consumption decreased in 2022 due to the decrease in total tonnes manufactured. Not all water used goes off site as effluent.

The site also abstracts water through a bore hole, which added a further 144m³ of water to the total water usage for the site. There are plans to increase the use of abstracted water in the future.

On a tonne/tonne basis the site was consistent regardless of the tonnage decrease at 0.048 t/t

Energy Usage – to support Energy Usage Reporting Form

Interpretive Review:

Total Electricity Usage – 4,087 MWh (specific)

Total Boiler Fuel Usage – 2,130 MWh (specific)

The site was slightly more efficient in 2022 however it was held back by a reduction in demand and a major change project bringing in new employees. The site continues to drive efficiency across the significant energy using equipment in 2022 we completed Energy savings projects – new conveyors (C5 & C5A) equivalent to 0.16% primary energy savings, new elevator (E8) equivalent to 0.08% primary energy savings, Behavioural improvements on electricity equivalent 3.00% of primary energy savings.

Further Evidence

MCERTS full report – see attached

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