

Sol Environment Limited

Unit 5.3, Paintworks,
Bristol, BS4 3EH

t. +44 (0) 1684 572727
enquiries@sol-environment.co.uk



William Wallace,
Wales Permitting Centre (Cardiff),
Natural Resources Wales,
Cambria House,
29 Newport Road,
Cardiff,
CF24 0TP

Date: 16th November 2022

Our Ref: SOL2106RA01

Dear William,

RE: REAL ALLOY UK LIMITED – WAUNARLWYDD WORKS EPR/EP3935UC/V008

Further to your letter dated 10th November 2022, please find below response to each of your questions in turn:

- 1. Regarding impacts from emissions to air as a result of increase the waste throughout from 65,000 tonnes to 80,250 tonnes per annum*

Provide either provide

a) An H1 assessment and/or detail modelling on the potential impacts at the nearby human and ecological receptors as a result of the increase in annual mass emissions from using both furnaces at full capacity all year.

Or

b) The original model if applicable to the proposed variation along with supporting evidence and justification to demonstrate applicability.

Please find the most recent air quality assessment that was carried out for the site provided within Annex 1 of this letter.

As stated within the report, all predictions have been performed using worst case operating times of 100% operation of the furnaces throughout the year.

The currently permitted throughput of 65,000 tonnes per annum was based on Furnace 1 operating 24 hours 7 days a week and Furnace 2 operating 24 hours 5 days a week. The increase to 80,250 tonnes per annum would allow Furnace 2 to also operate 24 hours 7 days a week.

Therefore, due to the air quality modelling assessing the impacts of the furnaces operating 100% of the time, the assessment is still applicable to the increase in tonnage.

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2. *Noise impact assessment*

Provide the tabulated values for background measurement La90,15min that was used for the report.

Please find an excel spreadsheet detailing the requested background measurements attached to the email submission.

Should you have any further questions in relation to the above please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'S Rainey', with a horizontal line extending from the end of the signature.

Sophie Rainey

ANNEX 1: AIR QUALITY ASSESSMENT

ANNEX 2: BACKGROUND NOISE MEASUREMENTS