June 3, 2020

To Whom It May Concern.

My name is Dr. Corby G. Anderson and I have over 40 years of diversified global experience in Industry and Academic positions at both Montana Tech and Colorado School of Mines. I hold a PhD in Mining Engineering – Metallurgy and several International Professional Registrations including a License as a Professional Chemical Engineer in the USA.

I am writing today as a private citizen in support of the proposed Waelz Sustainable Products (WSP) project in Indiana, and as an Engineer and an expert in Extractive Metallurgy I feel a responsibility to my field to address a great number of inaccuracies and mistruths being propagated specifically about the proposed project and more generally the Waelz kiln process.

The Waelz Kiln is a safe, proven, and established process that has been used to extract Crude Zinc Oxide from Electric Arc Furnace Dust (EAFD) for decades. The process is environmentally friendly and creates little in the way of emissions. In fact, the United States Environmental Protection Agency (EPA) has identified the Waelz Kiln process as the Best Available Technology for this application.

Specifically, the Waelz Kiln process is pyro metallurgical, meaning heat with a reductant, namely carbon, is used to extract metals from the EAFD raw material. The two main elements extracted are zinc and iron, which are both saleable products. Consequently, there is no waste generated by this process, adding to its appeal as a model of sustainable development and contributor to the circular economy.

I first became aware of the WSP project when it was presented at the University of KU Leuven Sustainable Metals and Mineral Institute in Belgium last spring and again at the Recycling Metals Conference held in Indianapolis last summer. Many delegates from the global metallurgical industry were present at both conferences and the presentations were well received and the project was widely recognized as a state-of-the-art, safe model of sustainable development.

The Waelz Kiln process is deemed environmentally friendly because of the safe, proven way EAFD is converted to saleable products with little to no waste or emissions. Modern facilities equipped with proper mitigation and capture

technologies can achieve high capture efficiency and minimal emissions, therefore posing no adverse effect on the employees or residents. After discussions with the company, I can attest that WSP will be utilizing the proper capture technologies best suited to protect the health and safety of its employees and residents.

Furthermore, it should be noted that a major driving force for the economics of this process is to capture as much of the particulate generated as possible. The company is therefore incentivized to install state-of-the-art fume extraction systems to minimize emissions into the atmosphere, preventing the loss of valuable product.

Additionally, by extracting zinc units from the EAFD in a recycling process, WSP is preventing more zinc ore mining to produce zinc metal. This results in the preservation of our global natural zinc resources for future generations and a reduction in the energy used to produce zinc metal through the more conventional, energy-intensive process.

In summary, I would ask that all interested parties focus on the clear, scientific facts regarding WSP. As an experienced Registered Engineer with a PhD degree, I have reviewed the facts and therefore support WSP. Thank you.

Eur Ing Dr. Corby G. Anderson PE CEng QP FIMMM FIChemE