

Independent Limited Assurance Report to The Mosaic Company

ERM Certification and Verification Services, Inc. (“ERM CVS”) was engaged The Mosaic Company (“Mosaic”) to provide assurance in relation to the information set out below and presented in the 2022 Sustainability Disclosure and GRI Index (“the Report”).

Engagement summary	
Scope of our assurance engagement	<p>Whether the 2022 data and related explanatory notes for the following environmental indicators are fairly presented, in all material respects, with the reporting criteria.</p> <ul style="list-style-type: none"> • Total energy (direct and indirect) and by category: direct energy and indirect energy [million GJ] • Total GHG emissions (Scope 1 & 2 location-based) [million MT CO₂e] • Scope 1 GHG emissions [million MT CO₂e] • Scope 2 GHG emissions (location-based) [million MT CO₂e] • Total Scope 3 GHG emissions [million MT CO₂e] consisting of the following categories: <ul style="list-style-type: none"> - Category 1: Purchased Goods and Services (Ammonia purchases only) - Category 3: Fuel and Energy-Related Activities - Category 4: Upstream Transportation and Distribution <ul style="list-style-type: none"> - Florida, Louisiana, Brazil, and Canada Trucking - US, Brazil, and Canada Rail - Category 11: Use of Sold Products - Category 15: Investments • Total water withdrawal and water withdrawal per source: (groundwater, municipal water, surface water (seawater and other surface water), reclaimed wastewater) [thousand cubic meters] <p>Our assurance engagement does not extend to information in respect of earlier periods or to any other information included in the Report</p>
Reporting period	1 January 2022 – 31 December 2022
Reporting criteria	<p>The Mosaic Company’s internal reporting criteria and definitions. WBCSD/WRI GHG Protocol (2004, as updated January 2015) for the Scope 1 and 2 GHG emissions.</p>
Assurance standard and level of assurance	<p>We performed a limited assurance engagement, in accordance with the International Standard on Assurance Engagements ISAE 3000 (Revised) ‘Assurance Engagements other than Audits or Reviews of Historical Financial Information’ issued by the International Auditing and Standards Board.</p> <p>The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for a reasonable assurance engagement and consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.</p>
Respective responsibilities	<p>Mosaic is responsible for preparing the Report and for the collection and presentation of the information within it, and for the designing, implementing, and maintaining of internal controls relevant to the preparation and presentation of the 2022 Sustainability Disclosure and GRI Index.</p> <p>ERM CVS’ responsibility is to provide conclusions to Mosaic on the agreed scope based on our engagement terms with Mosaic, the assurance activities performed and exercising our professional judgement.</p>

Our conclusion

Based on our activities, as described below, nothing has come to our attention to indicate that the 2022 data and information for the Report listed under ‘Scope’ above are not fairly presented in the Report, in all material respects, in accordance with the reporting criteria.

Emphasis of matter

Without affecting our conclusion, we draw attention to the explanatory notes provided by Mosaic relating to the data on page 58 of the Report, in particular the limitations relating to additional sources of Scope 1 GHG data on page 58 of the Report, which should be read in conjunction with the data.

Our assurance activities

Considering the level of assurance and our assessment of the risk of material misstatement of the selected information a multi-disciplinary team of sustainability and assurance specialists performed a range of procedures that included, but was not restricted to, the following:

- Assessing the appropriateness of the reporting criteria for the selected information.
- Interviews with management representatives responsible for managing the selected issues.
- Interviews with relevant staff to understand and evaluate the relevant management systems and processes (including internal review processes) used for collecting and reporting the selected indicators.
- In-person visits with two sites (Cajati, Brazil and Faustina, Louisiana, US) and one virtual visit (Bartow, Florida, US) to review local reporting processes and consistency of reported annual data with selected underlying source data for each indicator.
- An analytical review of the year-end data submitted by all locations included in the consolidated 2022 group data for the selected disclosures which included testing the completeness and mathematical accuracy of conversions and calculations, and consolidation in line with the stated reporting boundary.
- A check on the applicability of conversion factors and emission factors used.
- A visit to the Mosaic headquarters to interview Mosaic personnel and review program documentation, including calls with business level representatives to review calculations and assess the local internal quality and assurance process.
- A review at corporate level of a sample of qualitative and quantitative evidence supporting the reported information.
- Reviewing the presentation of information relevant to the scope of our work in the report to ensure consistency with our findings.

The limitations of our engagement

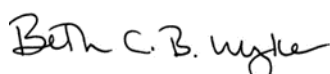
The reliability of the assured information is subject to inherent uncertainties, given the available methods for determining, calculating or estimating the underlying information. It is important to understand our assurance conclusions in this context.

Our independence, integrity and quality control

ERM CVS is an independent certification and verification body accredited by UKAS to ISO 17021:2015. Accordingly we maintain a comprehensive system of quality control, including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements. Our quality management system is at least as demanding as the relevant sections of ISQM-1 and ISQM-2 (2022).

ERM CVS applies a Code of Conduct and related policies to ensure that its employees maintain integrity, objectivity, professional competence and high ethical standards in their work. Our processes are designed and implemented to ensure that the work we undertake is objective, impartial and free from bias and conflict of interest. Our certified management system covers independence and ethical requirements that are at least as demanding as the relevant sections of the IESBA Code relating to assurance engagements.

The team that has undertaken this assurance engagement has extensive experience in conducting assurance on environmental, social, ethical and health and safety information, systems and processes, and provides no consultancy related services to Mosaic in any respect.



Beth Wyke
Head of Corporate Assurance Services
Malvern, PA

8 August 2023