

INDEPENDENT LIMITED ASSURANCE STATEMENT



To: The Stakeholders of Micron

Introduction and objectives of work

Apex Companies, LLC (Apex) has been engaged by Micron Technology, Inc. (Micron) to provide limited assurance of selected sustainability data included in its 2024 Sustainability Report. This assurance statement applies to the Subject Matter included within the scope of work described below.

This information and its presentation in the 2024 Sustainability Report ('the Report') are the sole responsibility of the management of Micron. Apex was not involved in the drafting of the Report. Our sole responsibility was to provide independent assurance on the accuracy of the Subject Matter. This is the second year in which we have provided assurance over Micron's Sustainability Report.

Scope of work

The scope of our work was limited to assurance over select environmental and social data and information including greenhouse gas (GHG) emissions, energy use, water use, waste by disposition, health and safety, workforce, product lifecycle management, materials sourcing, intellectual property protection and competitive behavior data and responsible business alliance audit scores (Table 1).

Our assurance does not extend to any other information included in the Report.

Reporting Boundaries

The following are the boundaries used by Micron for reporting sustainability data:

- Operational Control
- Worldwide

Reporting Criteria

The Subject Matter needs to be read and understood together with the following reporting methodologies for determining the information, as described in the Report:

- World Resources institute (WRI) and World Business Council for Sustainable Development (WBCSD) Greenhouse Gas Protocol Corporate Accounting and Reporting Standard;
- Sustainability Accounting Standards Board (SASB) Standards for Technology & Communications – Semiconductors (TC-SC), Version 2018-10;
- Company protocol.

Limitations and Exclusions

Excluded from the scope of our work is any verification of information relating to:

- Activities outside the defined verification periods;
- Text or other written statements provided in the Report.

This limited assurance engagement relies on a risk-based selected sample of sustainability data and the associated limitations that this entails. This independent assurance statement should not be relied upon to detect all errors, omissions or misstatements that may exist.

Responsibilities

This preparation and presentation of the Subject Matter in the Report are the sole responsibility of the management of Micron.

Apex was not involved in the drafting of the Report or of the Reporting Criteria. Our responsibilities were to:

- obtain limited assurance about whether the Subject Matter has been prepared in accordance with the Reporting Criteria;

- form an independent conclusion based on the assurance procedures performed and evidence obtained; and
- report our conclusions to the stakeholders of Micron.

Assessment Standards

- We performed our work in accordance with Apex's standard procedures and guidelines for external Assurance of Sustainability Reports and International Standard on Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information (effective for assurance reports dated on or after Dec. 15, 2015), issued by the International Auditing and Assurance Standards Board, and ISO 14064-3 Second edition 2019-04 on Greenhouse gases – Part 3: Specification with guidance for the verification and validation of GHG statements.
- A materiality threshold of ± 5 -percent was set for the assurance process.

Summary of Work Performed

As part of our independent assurance, our work included:

1. Assessing the appropriateness of the Reporting Criteria for the Subject Matter;
2. Conducting interviews with relevant personnel of Micron;
3. Reviewing the data collection and consolidation processes used to compile the Subject Matter, including assessing assumptions made, and the data scope and reporting boundaries;
4. Reviewing documentary evidence provided by Micron;
5. Reviewing Micron systems for quantitative data aggregation and analysis; and
6. Assessing the disclosure and presentation of the Subject Matter to ensure consistency with assured information.
7. Performing an in-person site visit of the Micron facility in Manassas, Virginia.

Conclusion

On the basis of our methodology and the activities described above:

- Nothing has come to our attention to indicate that the Subject Matter has not been properly prepared, in all material respects, in accordance with the Reporting Criteria; and
- It is our opinion that Micron has established appropriate systems for the collection, aggregation and analysis of quantitative and qualitative data included in the scope of work.

Statement of Independence, Integrity and Competence

Apex is an independent professional services company that specializes in Health, Safety, Social and Environmental management services including assurance with over 30 years history in providing these services.

Apex has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

No member of the assurance team has a business relationship with Micron, its Directors or Managers beyond that required of this assignment. We have conducted this verification independently, and there has been no conflict of interest.

The assurance team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of Apex's standard methodology for the verification of greenhouse gas emissions and sustainability data.



Trevor A. Donagh, Lead Assuror
Apex Companies LLC
Pleasant Hill, California



David Reilly, Technical Reviewer
Apex Companies LLC
Santa Ana, California

May 31, 2024

This assurance statement, including the opinion expressed herein, is provided to Micron and is solely for the benefit of Micron in accordance with the terms of our agreement. We consent to the release of this statement to the public or other organizations, but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this statement.

Table 1 - Reporting Year 2023 Micron Data Subject to Assurance		
Type	Unit	2023
GHG Emissions¹		
Scope 1 and 2 GHG Emissions		
Total Scope 1 GHG emissions	Metric tons of carbon dioxide equivalent (MTCO ₂ -e)	2,698,572
Scope 2 GHG emissions (Location-based, not included in report)	Metric tons of carbon dioxide equivalent (MTCO ₂ -e)	3,936,763
Scope 2 GHG emissions (Market-based)	Metric tons of carbon dioxide equivalent (MTCO ₂ -e)	4,138,062
Decrease in GHG emissions intensity (in CY2023 from CY2018 baseline) ²	Metric tons of carbon dioxide equivalent (MTCO ₂ -e)	56%
Energy¹		
Total energy consumption (Scope 1 and 2)	Megawatt hours	11,388,860
Renewable Energy Consumed Globally	Megawatt hours	393,806
Purchased renewable electricity	Megawatt hours	393,561
Renewable electricity generated on-site	Megawatt hours	245
Purchased steam and cooling	Megawatt hours	186,635
Percentage Grid Electricity (of total energy)	Percentage	77%
Percentage Renewable Electricity (of total energy)	Percentage	3%
Renewable Energy Consumed in U.S.	Megawatt hours	110,331
Percentage renewable electricity consumption in U.S. (of total energy)	Percentage	10%
Water¹		
Total water withdrawn	Thousand cubic meters	56,138
Total water consumed	Thousand cubic meters	14,319
Percentage of water withdrawn in regions with high or extremely high baseline water stress	Percentage	18%
Waste¹		
Total waste generated	Metric tons	195,564
Amount of hazardous waste from manufacturing	Metric tons	131,201
Hazardous waste diverted (excluding energy recovery)	Metric tons	64,363
Total waste reduction, reuse, and recycling rate	Percentage	94%
Employee Health and Safety¹		
Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	Discussion and analysis	yes
Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	USD	0

Recruiting & Managing a Global & Skilled Workforce³		
Percentage of employees that are foreign nationals	Percentage	5%
Percentage of employees that are located offshore	Percentage	80%
Product Lifecycle Management³		
Company approach to declarable substances contained in products	Discussion and analysis	yes
Product efficiency claims noted in the report (DDR5 1-beta node efficiency claims)	Discussion and analysis	yes
Materials Sourcing³		
Description of the management of risks associated with the use of critical materials	Discussion and analysis	yes
Intellectual Property Protection & Competitive Behavior³		
Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	Discussion and analysis	0
Responsible Business Alliance³		
Average Responsible Business Alliance audit score	Score	198.2

1) GHG emissions, energy, water, waste and employee health and safety data were reported and verified for Calendar Year 2023 (January 1, 2023-December 31, 2023).

2) Apex did not verify 2018 GHG emissions. Apex verification was limited to the units of production in 2018 and 2023, the 2023 GHG emissions and the emissions intensity calculation.

3) The Recruiting and Managing a Global Skilled Workforce, Materials Sourcing, Intellectual Property Protection and Competitive Behavior, and Responsible Alliance metrics data were reported and verified for Fiscal Year 2023 (September 3, 2022-September 1, 2023).

Table 2 - Reporting Year 2020 Micron Data Subject to Assurance		
Type	Unit	CY2020
GHG Emissions		
Scope 1 and 2 GHG Emissions		
Total Scope 1 GHG emissions (2020 baseline, IPCC 2019 update) ⁴	Metric tons of carbon dioxide equivalent (tCO ₂ -e)	3,047,919
Scope 1 emissions from Process GHGs (2020 baseline, IPCC 2019 update)	Metric tons of carbon dioxide equivalent (tCO ₂ -e)	2,108,631

4) Apex solely verified emissions from process GHGs for CY2020. All remaining Scope 1 data was not reviewed or verified by Apex.