

Independent Assurance Statement

Introduction

DNV Business Assurance USA, Inc. (DNV) has been commissioned by the management of Micron Technology, Inc. (Micron) to carry out an independent limited level assurance engagement of Selected Information for calendar year 2021 and, where marked, for Financial Year 2021 and Calendar Year 2018, as presented in Micron’s 2021 Sustainability Disclosures (the “Report”) aligned with the SASB Semiconductor Standard. The assurance was carried out January through April 2022.

Micron has sole responsibility for preparation of the data and external report. DNV, in performing our assurance work, is responsible to the management of Micron. Our assurance statement, however, represents our independent opinion and is intended to inform all stakeholders including Micron.

Scope of Assurance

The scope of work agreed with Micron includes the following:

Organizational boundary

- All global facilities under Micron’s operational control

Data Verified for the period of January 1, 2021, to December 31, 2021 (CY 2021)

- Energy
- GHG emissions
- Water
- Waste

Data Verified for the period of September 4, 2020, to September 2, 2021 (FY 2021)

- Employee Health and Safety (H&S)
- Recruiting and Managing a Global and Skilled Workforce
- IP Protection and Competitive Behavior
- Monetary Losses because of Legal Proceedings

Data Verified for the period of January 1, 2018, to December 31, 2018 (CY 2018)

- GHG emissions

Data Verified for the period of January 1, 2018, to December 31, 2021

- Responsible Business Alliance Validated Assessment Program Average Site Audit Score

Topic	Accounting Metric	Unit of Measure
Greenhouse Gas Emissions	(1) 2021 Gross global Scope 1 and 2 emissions (2) 2021 Scope 1 emissions breakdown (3) 2018 Gross global Scope 1 and 2 emissions (4) 2018 Scope 1 emissions breakdown	Metric tons (MT) CO ₂ e

Greenhouse Gas Emissions	2021 GHG Intensity 2018 GHG Intensity	Metric Ton CO2-e/unit of prod
Greenhouse Gas Emissions	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion and analysis
Energy Management in Manufacturing	(1) Total energy consumed (2) Percentage grid electricity (3) Percentage renewable	Megawatt hours (MWh) Percentage (%)
Water Management	(1) Total water withdrawn (2) Total water consumed (3) Percentage of each in regions with high or extremely high baseline water stress	Cubic meters (m ³) Percentage (%)
Waste Management	(1) Amount of hazardous waste from manufacturing (2) Hazardous waste diverted	kilograms (kg) Percentage (%)
Employee Health & Safety	Description of efforts to assess, monitor and reduce exposure of employees to human health hazards	Discussion and analysis
Employee Health & Safety	Total amount of monetary losses because of legal proceedings associated with employee health and safety violations	Reporting currency
Recruiting & Managing a Global & Skilled Workforce	Percentage of employees that are (1) foreign nationals, (2) located outside of the United States (located offshore), (3) attending diversity and inclusion training and (4) numbers of participants in Employee Resource Groups	Percentage (%) No.
Product Lifecycle Management	Review specific energy efficiency statements: <ul style="list-style-type: none"> Transitioning from DDR4 to DDR5 products is expected to reduce DRAM power consumption by approximately 14%. 	Discussion and analysis
Materials Sourcing	The average of the Responsible Business Alliance (RBA) Validated Assessment Program (VAP) audit scores received by the manufacturing locations of Micron and its subsidiaries at the applicable calendar year end	Average VAP audit score

Intellectual Property Protection & Competitive Behavior	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	Reporting currency
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We do not express any conclusions on any other information that may be published on Micron’s website or sustainability disclosures for the current reporting period or for previous periods. This is our second year of providing assurance for Micron.

Level of Assurance

We performed a limited assurance engagement in accordance with the *International Standard on Assurance Engagements (ISAE) 3000 (revised) – ‘Assurance Engagements other than Audits and Reviews of Historical Financial Information’*, issued by the International Auditing and Assurance Standards Board. This standard requires that we comply with ethical requirements and plan and perform the assurance engagement to obtain limited assurance.

DNV applies its own management standards and compliance policies for quality control, in accordance with *ISO/IEC 17021:2015-1 - Conformity Assessment Requirements* for bodies providing audit and certification of management systems, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

The procedures performed in a limited assurance engagement vary in nature and timing and are less detailed than those undertaken during a reasonable assurance engagement, so the level of assurance obtained is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. We planned and performed our work to obtain the evidence we considered sufficient to provide a basis for our opinion, so that the risk of this conclusion being in error is reduced, but not reduced completely.

DNV’s assurance engagements are based on the assumption that the data and information provided by the client to us as part of our review have been provided in good faith. This includes but is not limited to sales and acquisitions, square footage, occupancy rates, data coverage, property type, and financial/operational control.

Assurance Team

Role	Name
Project Manager	Angela Reed
Lead Verifier	Shruthi Poonacha Bachamanda
Lead Verifier	Dave Knight
Technical Reviewer	Shaun Walden

Assurance Methodology

DNV is a leading provider of sustainability services, including verification of GHG emissions data and other environmental metrics. Our environmental and social assurance specialists work in over 100 countries.

In that respect, the environmental footprint inventories have been evaluated against the following reporting criteria:

- World Business Council for Sustainable Development (WBCSD) / World Resources Institute (WRI) Greenhouse Gas Protocol, A Corporate Accounting and Reporting Standard REVISED EDITION
- Sustainability Accounting Standards Board, Semiconductors Sustainability Accounting Standard, October 2018

DNV used a risk-based approach throughout the assurance engagement, concentrating on the areas that we believe are most material for both Micron and its stakeholders. DNV applied a materiality threshold of five percent for all GHG emissions, energy consumption, and water consumption and fifteen percent for waste generated.

The assurance process involved a series of 30 to 60-minute interviews with the accountable party(ies) and/or senior manager(s) responsible for collating the information at a corporate level to:

- Perform a walkthrough to understand how data is managed and reported and the systems, legal registers, processes and procedures used
- Interview of managers and data users representing relevant functions for supporting the environmental inventory management process
- Review the controls in place to confirm data and information accuracy
- Confirm the scope and boundaries of the data included
- Understand the status of in scope litigation as listed in 10-K to confirm no outcomes with current/pending cases within reporting scope
- Requests for further evidence and documentation in support of testimony and system observations

The assurance process includes desk review of the submitted documentation, data records and sources relating to the performance metrics and corporate environmental footprint data claims.

- Review of the processes and tools used to collect, aggregate, and report on all data and metrics
- Assessment of environmental and other information systems and controls, including:
 - Selection and management of all relevant environmental data and information
 - Processes for collecting, processing, consolidating, and reporting the environmental data and information
 - Systems and processes that ensure the accuracy of the performance data and information
 - Design and maintenance of the environmental and employee workforce and safety information system
 - Systems and processes that support the environmental and employee workforce and safety information system
 - Performed sample-based audits of the processes for generating, gathering, and managing the data
- Performed key data recalculations to confirm accuracy
- Examination of the social, governance, and environmental data and information to develop evidence for the assessment of the claims and assertions made
- Evaluation of whether the organization conforms to the reporting criteria
- Evaluation of whether the evidence and data are sufficient and support Micron's environmental, social and performance claims

Data Verified

Greenhouse Gas Emissions – CY2021

• Greenhouse Gas Emissions		
○ Scope 1 Emissions	3,459,483	MT CO ₂ e
○ Process GHG gases	2,477,358	MT CO ₂ e
○ Heat Transfer Fluid	455,538	MT CO ₂ e
○ Fuel Combustion	493,123	MT CO ₂ e
○ Refrigerant	24,889	MT CO ₂ e
○ Solvent Combustion	8,090	MT CO ₂ e
○ Mobile Sources	485	MT CO ₂ e
○ Scope 2 Emissions (location-based)	3,448,513	MT CO ₂ e
○ Scope 2 Emissions (market based)	3,961,500	MT CO ₂ e
○ Change in GHG Emissions Intensity (in CY2021 from CY2018 baseline)		40%

Greenhouse Gas Emissions – CY2018

• Greenhouse Gas Emissions		
○ Scope 1 Emissions	2,945,735	MT CO ₂ e
○ Process GHG gases	1,861,215	MT CO ₂ e
○ Heat Transfer Fluid	613,251	MT CO ₂ e
○ Fuel Combustion	434,967	MT CO ₂ e
○ Refrigerant	31,241	MT CO ₂ e
○ Solvent Combustion	4,544	MT CO ₂ e
○ Mobile Sources	517	MT CO ₂ e
○ Scope 2 Emissions (location-based)	2,672,875	MT CO ₂ e
○ Scope 2 Emissions (market based)	3,177,989	MT CO ₂ e

Energy Management in Manufacturing – CY2021

• Total Energy Consumed	10,418,310	MWh
• Percentage Grid Electricity		74.7%
• Percentage Renewable		0.01%

Water – CY2021

• Total Water Withdrawn	55,903,918	m ³
• Total Water Consumed	13,227,858	m ³
• Percentage of Water Consumed from Regions with High or Extremely High Baseline Water Stress		1%

Waste – CY2021

• Amount of Hazardous waste from Manufacturing	151,084,776	Kg
• Hazardous Waste diverted (excluding energy recovery)	120,334,345	Kg
• % of Hazardous Waste diverted (excluding energy recovery)		79.6 %
• Total Waste generated	226,581,065	Kg
• Hazardous and non-hazardous waste diverted (including energy recovery)	203,824,075	Kg
• % Waste diverted (RRR%) (including energy recovery)		90.0 %

Materials Sourcing

- RBA Average Site Audit Score, as of December 31, 2021 193.2

Recruiting & Managing a Global & Skilled Workforce – FY2021

- Percentage of employees that are:
 - Foreign Nationals 5 %
 - Located Outside of the United States (Located Offshore) 76 %
 - Attending diversity and inclusion training (e.g. Unconscious Bias) 99.9 %
- Participation in Employee Resource Groups 12,763

Employee Health & Safety – FY2021

- Total monetary losses as a result of legal proceedings associated with employee health & safety violations \$2,166

Intellectual Property Protection & Competitive Behavior – FY2021

- In FY21, Micron incurred no monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations.

Assurance Opinion

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the information and data within the Report is not fairly stated and has not been prepared, in all material respects, in accordance with the criteria stated. This conclusion relates only to the information in the Report and is to be read in the context of this Assurance Statement.

Independence

DNV was not involved in the preparation of any part of Micron’s data or report. This is our second year of providing assurance for Micron. We adopt a balanced approach towards all stakeholders when performing our evaluation.

DNV Business Assurance USA, Inc.

Katy, Texas

May 31, 2022



This Independent Assurance Statement is for the sole use and benefit of the party contracting with DNV Business Assurance USA, Inc. to produce this Independent Assurance Statement (the “Client”). Any use of or reliance on this document by any party other than the Client shall be at the sole risk of such party. In no event will DNV or any of its parent or affiliate companies, or their respective directors, officers, shareholders, employees or subcontractors, be liable to any other party regarding any statements, findings, conclusions or other content in this Independent Assurance Statement, or for any use of, reliance on, accuracy, or adequacy of this Independent Assurance Statement.

The purpose of the DNV group of companies is to promote safe and sustainable futures. The USA & Canada Sustainability & Supply Chain Services team is part of DNV Business Assurance, a global provider of certification, verification, assessment and training services, helping customers to build sustainable business performance.