



LRQA Independent Assurance Statement

Relating to Las Vegas Sands Corp's Greenhouse Gas Emissions and Environmental Assertion for the Calendar Year 2023

This Assurance Statement has been prepared for Las Vegas Sands Corp. in accordance with our contract.

Terms of Engagement

LRQA was commissioned by Las Vegas Sands Corp. (LVS) to provide independent assurance of its greenhouse gas emission inventory and environmental data, (hereafter referred to as "the Report") for the calendar year 2023 (CY2023) against the assurance criteria below to a reasonable level of assurance, and materiality of 5% for Scope 1 and 2 emissions and environmental data, and limited assurance and materiality of the professional judgement of the verifier for Scope 3 emissions and Supplier Corrective Action Implementation, using LRQA's verification procedure and ISO 14064 - Part 3 for greenhouse gas emissions. LRQA's verification procedure is based on current best practice and is in accordance with ISAE 3000 and ISAE 3410.

Our assurance engagement covered LVS's financially controlled operations and activities at owned properties, including tenant consumption, and specifically the following requirements:

- Verifying conformance with:
 - LVS' reporting methodologies for the selected datasets; and
 - World Resources Institute / World Business Council for Sustainable Development Greenhouse Gas Protocol: A corporate accounting and reporting standard, revised edition (otherwise referred to as the WRI/WBCSD GHG Protocol) for the GHG data¹.
- Reviewing whether the Report has taken account of:
 - WRI GHG Protocol Scope 3 Accounting and Reporting Standard.
- Evaluating the accuracy and reliability of data and information for only the selected indicators listed below:
 - Direct (Scope 1), Energy Indirect (Scope 2) and Other Indirect (Scope 3) GHG emissions.
 - Scope 3 GHG emissions verified by LRQA only include the following:
 - Category 1: Purchased Goods and Services;
 - Category 2: Capital goods;
 - Category 3: Fuel and Energy Related Activities;
 - Category 4: Upstream Transportation and Distribution;
 - Category 5: Waste Generated;
 - Category 6: Business Travel;
 - Category 7: Employee Commuting;
 - Category 8: Upstream Leased Assets; and
 - Category 15: Investments.
 - Water Use;
 - Waste Generation;
 - Energy Use; and
 - Supplier Corrective Action Implementation.

Our assurance engagement excluded certain data and information, as described below:

- The following sources were excluded based on their de minimis contribution to the total inventory:
 - Nassau Veterans Memorial Coliseum;
 - Fugitive emissions from vehicle air conditioning; and
 - Water used during Cotai Water Jet ferry service.
- Consumption of Town Gas at Marina Bay Sands where tenants have separate metered accounts with the utility.

¹ <http://www.ghgprotocol.org/>



LRQA’s responsibility is only to LVS. LRQA disclaims any liability or responsibility to others as explained in the end footnote. LVS’ responsibility is for collecting, aggregating, analysing and presenting all data and information within the Assertion and for maintaining effective internal controls over the systems from which the Assertion is derived. Ultimately, the Report has been approved by, and remains the responsibility of LVS.

LRQA’s Opinion

Based on LRQA’s approach, we believe that the Scope 1 and 2 emissions, energy, water, and waste data reported by LVS has, in all material respects

- Met the requirements of the criteria listed above; and
- Disclosed accurate and reliable performance data and information as summarized in Table 1 below.

The opinion expressed is formed on the basis of a reasonable level of assurance and at the materiality of 5%.

Based on LRQA’s approach nothing has come to our attention that would cause us to believe that the Scope 3 emissions and supplier corrective action implementation data and information reported by LVS has not, in all material respects:

- Met the requirements of the criteria listed above; and
- Disclosed accurate and reliable performance data and information as summarized in Table 1 below.

The opinion expressed is formed on the basis of a limited level of assurance² and at the materiality of the professional judgement of the verifier.

Table 1. Summary of Las Vegas Sands Corp. Environmental Assertion CY 2023:

GHG emissions	Metric Tons CO₂e
Scope 1 GHG emissions	119,588
Scope 2 GHG emissions (location-based) ¹	475,129
Scope 2 GHG emissions (market-based) ¹	312,144
Scope 3 Category 1 GHG emissions from Purchased Goods and Services	500,397
Scope 3 Category 2 GHG emissions from Capital goods	625,690
Scope 3 Category 3 GHG emissions from Fuel and Energy Related Activities	127,906
Scope 3 Category 4 GHG emissions from Upstream Transportation and Distribution	2,092
Scope 3 Category 5 GHG emissions from Waste Generated ²	22,939
Scope 3 Category 6 GHG emissions from Business Travel ³	15,418
Scope 3 Category 7 GHG emissions from Employee Commuting	10,656
Scope 3 Category 8 GHG emissions from Upstream Leased Assets	2,267
Scope 3 Category 15 GHG emissions from Investments	5
Energy Consumption	MWh
Total energy	1,330,231
Renewable energy generated and consumed ⁴	1,160
Renewable Energy Certificates	MWh
I-RECs	285,000
Waste	Metric Tons
Total waste generated (landfill, incineration, diverted)	67,330

² The extent of evidence-gathering for a limited assurance engagement is less than for a reasonable assurance engagement. Limited assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a limited assurance engagement is lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.



Waste sent to incineration ⁵	45,247
Waste sent to landfill	2,604
Waste diverted from disposal ⁶	19,479
Water	Million US Gallons
Total water use ⁷	2,120
Supplier Corrective Action	Number of Suppliers
Total number of suppliers supported in corrective action plan implementation	15
<p>Note 1. Scope 2, Location-based and Scope 2, Market-based are defined in the GHG Protocol Scope 2 Guidance, 2015.</p> <p>Note 2. Emissions from waste generation include waste to landfill and waste to incineration from operations and construction. Emissions from diverted waste have not been included in the Scope 3 emissions total.</p> <p>Note 3. Business Travel consists of emissions from travel by air, rail, ground transportation and ferry.</p> <p>Note 4. Renewable energy generated and consumed refers to generated renewable energy from solar thermal heat pump at The Londoner, solar electricity generated at Marina Bay Sands and solar electricity generated at Las Vegas Headquarters.</p> <p>Note 5. Waste sent to incineration includes hazardous and non-hazardous waste.</p> <p>Note 6. Waste diverted includes reuse/donation, composting, food waste digestion and animal feedstock.</p> <p>Note 7. Water use consists of municipal water at all sites. NEWater, rainwater and condensate water also used at Marina Bay Sands, Singapore.</p>	

Table 2. Breakdown of emissions by property, Marina Bay Sands, Singapore CY 2023:

	Emissions	Metric Tons CO2e
Marina Bay Sands	Scope 1	5,337
	Scope 2 (location-based)	102,938
	Scope 2 (market-based)	90,436
	Water	Million Gallons
	Total water use	385.3

Table 3. Breakdown of emissions by property, Sands China Limited, Macao CY 2023:

The Venetian Macao	Emissions	Metric Tons CO2e
	Scope 1	19,578
	Scope 2 (location-based)	109,147
	Scope 2 (market-based)	47,046
	Water	Million Gallons
Total water use	610	
The Parisian Macao	Emissions	Metric Tons CO2e
	Scope 1	4,733
	Scope 2 (location-based)	56,077
	Scope 2 (market-based)	33,341
	Water	Million Gallons
Total water use	260	
Plaza Macao	Emissions	Metric Tons CO2e
	Scope 1	520
	Scope 2 (location-based)	39,131
	Scope 2 (market-based)	15,352



	Water	Million Gallons
	Total water use	156
The Londoner Macao	Emissions	Metric Tons CO2e
	Scope 1	10,272
	Scope 2 (location-based)	141,507
	Scope 2 (market-based)	124,027
	Water	Million Gallons
Total water use	583	
Sands Macao	Emissions	Metric Tons CO2e
	Scope 1	4,649
	Scope 2 (location-based)	25,626
	Scope 2 (market-based)	1,016
	Water	Million Gallons
Total water use	121	
Cotai Water Jet	Emissions	Metric Tons CO2e
	Scope 1	54,465

Table 4. Breakdown of emissions by property, Las Vegas Corporate Headquarters CY 2023:

	Emissions	Metric Tons CO2e
Las Vegas Corporate Headquarters	Scope 1	124
	Scope 2 (location-based)	353
	Scope 2 (market-based)	465
	Water	Million Gallons
	Total water use	2

Table 5. Breakdown of emissions by property, Sands Aviation, Las Vegas CY 2023:

	Emissions	Metric Tons CO2e
Sands Aviation	Scope 1	19,911
	Scope 2 (location-based)	349
	Scope 2 (market-based)	460
	Water	Million Gallons
	Total water use	1



LRQA's Approach

LRQA's assurance engagements are carried out in accordance with our verification procedure. The following tasks were undertaken as part of the evidence gathering process for this assurance engagement:

- reviewing of organizational boundaries, operational boundaries, and data management processes;
- interviewing representatives of the organization responsible for managing data and records;
- completing a strategic assessment/risk analysis of each data set to determine an adequate sample;
- recalculating sampled sources to confirm accuracy and conformance with the reporting criteria; and
- verifying historical data and records at an aggregated level for Calendar Year 2023; and
- confirming that LVS has documented their base year and conditions for base year recalculation, and performed the necessary analysis to determine whether a base year recalculation is necessary. LVS determined that base year adjustment is not necessary at this time.

LRQA's Standards, Competence and Independence

LRQA implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065 *Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition* and ISO/IEC 17021 *Conformity assessment – Requirements for bodies providing audit and certification of management systems* that are at least as demanding as the requirements of the International Standard on Quality Control 1 and comply with the *Code of Ethics for Professional Accountants* issued by the International Ethics Standards Board for Accountants.

LRQA ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

The Data and Information Verification and ESG Report Verification are the only work undertaken by LRQA for LVS and as such do not compromise our independence or impartiality.

Signed

Dated: 11 March 2024

A handwritten signature in cursive script that reads "Brooke Farrell".

Brooke Farrell
On behalf of LRQA, Inc.
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