



# LRQA Independent Assurance Statement

Relating to Las Vegas Sands Corp.'s Environmental Assertion for the Calendar Year 2021

This Assurance Statement has been prepared for Las Vegas Sands Corp.

## Terms of Engagement

LRQA was commissioned by Las Vegas Sands Corp. (LVS) to assure the Environmental Assertion for the calendar year 2021, (hereafter referred to as "the Assertion"). The Assertion relates to direct greenhouse gas (GHG) emissions (Scope 1), energy indirect GHG emissions (Scope 2), other indirect GHG emissions (Scope 3) from waste generation, energy consumption, renewable energy certificates, waste generation and water use.

The assurance was performed in accordance with ISO 14064 – Part 3, '*Specification with guidance for validation and verification of greenhouse gas assertions*' for the GHG data and LRQA's verification procedure for the other environmental data. LRQA's verification procedure is based on current best practice and is in accordance with ISAE 3000. The assurance criteria were:

- 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 data<sup>1</sup>; and
- LVS' reporting methodologies for the selected datasets.

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 the data and information within the Assertion and for maintaining effective internal controls over the systems from which the Assertion is derived. Ultimately, the Assertion has been approved by, and remains the responsibility of LVS.

## LRQA's Opinion

Based on LR's approach nothing has come to our attention that would cause us to believe that the total Scope 1 GHG emissions, Scope 2 GHG emissions, Scope 3 GHG emissions, energy consumption, waste generation and water use disclosed in the Assertion, as summarized in Table 1 below, are not materially correct and that the Assertion has not been prepared in conformance with the assurance criteria listed above.

The opinion expressed is formed on the basis of a limited level of assurance<sup>2</sup> and at the materiality of the professional judgement of the verifier.

## 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 2021.

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<sup>1</sup> <http://www.ghgprotocol.org/>

<sup>2</sup> 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.



**Table 1. Summary of Las Vegas Sands Corp., Environmental Assertion 2021:**

<b>GHG emissions</b>	<b>Metric tons CO<sub>2</sub>e</b>
Scope 1 GHG emissions	60,878
Scope 2 GHG emissions (location-based)	675,313
Scope 2 GHG emissions (market-based)	547,990
Scope 3 GHG emissions from waste generation	51,378
<b>Energy Consumption</b>	<b>MWh</b>
Total energy	1,276,337
Generated renewable energy	301
<b>Renewable Energy Certificates</b>	<b>MWh</b>
Total RECs	242,709
RECs	166,709
TIGRs	36,000
I-RECs	40,000
<b>Waste</b>	<b>Metric tons</b>
Total waste disposed (landfill, incineration, recycled)	109,548
Waste sent for landfill or incineration	91,789
Waste recycled	17,759
<b>Water</b>	<b>Million US Gallons</b>
Total water use	2,264.74
Municipal	2,112.70
Well water	96.46
Rainwater	0.76
Treated groundwater (nanofiltration)	25.76
Reclaimed water	20.46
Condensate	8.60
Note 1: Scope 2, Location-based and Scope 2, Market-based are defined in the GHG Protocol Scope 2 Guidance, 2015	
Note 2: RECs – Renewable Energy Certificates, TIGRs – Tradeable Instruments for Global Renewables, I-RECs – International Renewable Energy Certificates	

**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.



Signed

Dated: 10 March 2022

A handwritten signature in black ink, appearing to read 'David Hadlet', with a long horizontal line extending to the right.

David Hadlet

LRQA Lead Verifier

On behalf of Lloyd's Register Quality Assurance, Inc., 1330 Enclave Parkway, Suite 200, Houston, TX 77077

LR reference: UQA00000516

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