



Independent Assurance Statement

Provided by ISOS Group, Inc.
 On selected environmental and social metrics
 Reported by CyrusOne.

To the Management Team of CyrusOne:

ISOS Group, Inc. [“ISOS” or “we”] were engaged by CyrusOne [“Client”] to conduct moderate level type 2 assurance of environmental and social data covering the period beginning January 1, 2022 and ending December 31, 2022.

We have performed our moderate assurance engagement in accordance with the AccountAbility 1000 Assurance Standard v3 (“AA1000AS”). Our review was limited to the following environmental and social data (“Reported Information”):

- Energy,
- Greenhouse gas emissions,
- Water,
- Occupational safety metrics.

We have not performed any procedures with respect to other environmental and social data reported by the Client and, therefore, no conclusion on the Report as a whole is expressed.

CyrusOne’s Responsibilities

The Company’s management are responsible for:

- Preparing the Reported Information in accordance with generally accepted reporting practices,
- The accuracy and completeness of the Reported Information,
- The design, implementation and maintenance of internal controls relevant to the preparation of the Reported Information to provide reasonable assurance that the Reported Information is free from material misstatement, whether due to fraud or error,
- Ensuring the Reported Information is fairly stated in accordance with the applicable criteria and for the content and statements contained therein.

Criteria

The assurance process was intended to provide an independent opinion confirming that the Client has complied with procedures for data management at the company and minimized degrees of error by adequately:

- Sourcing data to populate relevant data management systems,
- Enforcing management and quality controls across the reporting period,
- Aggregating and converting metrics into the correct unit of measure, and
- Properly calculating total figures.

Boundary

Organizational Boundary	CyrusOne owns and operates carrier-neutral data centers in North America and Europe where it provides colocation and peering services.
Reporting Boundary	The reporting boundary consists of all operational facilities within the organizational boundary. Facilities under development are excluded except for construction contractor safety metrics and diverse supply chain spend metrics.
Assurance Boundary	The assurance boundary was limited to the Client’s fifty-nine (59) operational assets and included facilities under development for construction contractor safety and diverse supply chain spend metrics only.
Environmental Data Boundary	The GHG emissions boundary followed the operational control methodology specified in the GHG Protocol. The same boundary was applied for energy and water metrics.

Limitations and Exclusions

Greenhouse gas quantification is unavoidably subject to inherent uncertainty because of both scientific and estimation uncertainty and for other non-financial performance information the precision of different measurement techniques may also vary. Furthermore, the nature and methods used to determine such information, as well as the measurement criteria and the precision thereof, may change over time. No visit to the Client’s headquarters or facilities was conducted throughout this engagement. However, a sample set of properties were reviewed in more granularity and tested for data accuracy. It was determined that these limitations and exclusions do not materially impact the performance criteria or assurance engagement.

Methodology

The assurance procedures undertaken were to determine the strength of the systems in place. ISOS Group:

- Engaged a sample of individuals responsible for performance measurement,
- Evaluated current management systems for performance data collection, compilation, calculation, reporting, and validation,
- Determined consistency of assessing materiality, management approach, and application of quality control procedures,
- Validated alignment to standard reporting protocols to ensure accurate claims to the quantitative methodology and approach and assurance claims,
- To verify quantitative claims, both at the aggregate level and on a sample basis, and test accuracy, consistency, completeness, and reliability, ISOS Group:
 - Conducted a portfolio assessment analyzing performance results to uncover any errors, misstatements, gaps, or performance anomalies,
 - Brought all findings to the Client’s attention to address and confirmed resolution,
 - Selected the following properties for testing and analysis, including cross-reference to primary source data to uncover variances and address any exclusions and other limitations:
 - Northern Virginia - Sterling VI (Sterling, VA, USA)
 - London I (London, England)
 - Somerset (Somerset, NJ, USA)

Findings

Based on the process and procedures conducted, there is no evidence that the Reported Information are not materially correct. Our analysis suggests that these metrics provide a fair representation of the Client’s environmental and social impacts to stakeholders for the stated period and reporting boundary.

Application of the AA1000AP

Findings and conclusions concerning adherence to the AA1000 AccountAbility Principles:

Inclusivity	CyrusOne has identified four key stakeholder groups with whom it engages: Customers, Shareholders, Communities, and Employees. CyrusOne could consider the development of a stakeholder map outlining engagement methods, expectations and results of engagement.
Materiality	CyrusOne outlines its materiality assessment process in its annual Sustainability Report. CyrusOne conducts its environmental materiality assessment separately from its social and governance materiality assessment. CyrusOne may consider a consolidated approach to prioritize ESG objectives.
Responsiveness	CyrusOne publishes an annual sustainability report outlining timely progress on key sustainability issues. The report is aligned to leading reporting standards and is both clear and extensive in its content.
Impact	CyrusOne outlines performance measurement within its sustainability report, including the criteria for and progress on its sustainability goals. CyrusOne may consider alignment to generally accepted goal setting criteria, such as the Science-Based Target Initiative.

Observations

Observations include:

- The Reported Information was prepared using nine months of primary data and three months of forecasted data. ISOS Group makes no conclusions on the forecast model used to prepare the Reported Information.
- CyrusOne procures offsets for scope 1 emissions sources. Renewable energy instruments are applied to scope 2 market-based emissions calculations and are sourced from customer-procured RECs, green tariffs, and retail offerings.
- Refrigerant surveys are completed every three years. 2022 refrigerant data is based upon a 2021 survey. European sites' refrigerant estimates were added in 2022. The next survey will be in 2024.

Restriction of Use

This assurance report is made solely to the Client in accordance with the terms of our engagement, which include agreed arrangements for disclosure. Our work has been undertaken so that we might state to the Client those matters we have been engaged to state in this moderate assurance report and for no other purpose. Our moderate assurance report should not be regarded as suitable to be used or relied on by any party wishing to acquire rights against us other than the Client for any purpose or in any context. Any party other than the Client who obtains access to our moderate assurance report or a copy thereof and chooses to rely on our moderate assurance report (or any part thereof) will do so at its own risk. To the fullest extent permitted by law, we accept or assume no responsibility and deny any liability to any party other than the Client for our work, for this independent moderate assurance report, or for the conclusions we have reached.

Statement of Competency and Independence

ISOS Group is an independent professional services firm that specializes in sustainability reporting under the Global Resources Initiative (GRI), CDP, and GRESB and is a provider of external assurance services. ISOS Group is a Global Reporting Initiative Certified Training Partner for the United States and a CDP Silver Education and Training Partner in the United States. Our team of experts have the technical expertise and competency to conduct assurance to the AA1000 assurance standard, which meets the criteria for assurance of environmental and social data.

No member of the assurance team has a business relationship with the Client, its Directors, or Managers beyond that required of this assignment. We conducted this assurance independently and, to our knowledge, there has been no conflict of interest. ISOS Group has a strong code of ethics and maintains high ethical standards among its staff in their day-to-day business activities. The assurance team has extensive experience in conducting assurance engagements over environmental, social, ethical, and health and safety information systems and processes.

Further information, including a statement of competencies, can be found at www.isosgroup.com.

Signed on behalf of ISOS Group: San Diego, California – USA, January 11, 2023.



Brian Noveck
CSAP Practitioner



AA1000
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