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Independent Accountants' Review Report

The Board of Directors
Norfolk Southern Corporation:

We have reviewed the accompanying Statement of Greenhouse Gas Emissions and the related notes (the Statement of GHG Emissions) of Norfolk Southern Corporation for the year ended December 31, 2021. Norfolk Southern Corporation's management is responsible for preparing and presenting the Statement of GHG Emissions in accordance with the World Resources Institute/World Business Council for Sustainable Development (WRI/WBCSD) Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard, Revised Edition and the WRI/WBCSD Greenhouse Gas Protocol Scope 2 Guidance: An amendment to the GHG Protocol Corporate Standard (collectively, the "GHG Protocol"). Our responsibility is to express a conclusion on the Statement of GHG Emissions based on our review.

Our review was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the review to obtain limited assurance about whether any material modifications should be made to the Statement of GHG Emissions in order for it to be in accordance with the criteria. The procedures performed in a review vary in nature and timing from and are substantially less in extent than, an examination, the objective of which is to obtain reasonable assurance about whether the Statement of GHG Emissions is in accordance with the criteria, in all material respects, in order to express an opinion. Accordingly, we do not express such an opinion. Because of the limited nature of the engagement, the level of assurance obtained in a review is substantially lower than the assurance that would have been obtained had an examination been performed. We believe that the review evidence obtained is sufficient and appropriate to provide a reasonable basis for our conclusion.

We are required to be independent and to meet our other ethical responsibilities in accordance with relevant ethical requirements related to the engagement.

The procedures we performed were based on our professional judgment and consisted primarily of inquiries of management to obtain an understanding of the methodology applied, evaluation of the entity's application of the stated methodology for deriving the greenhouse gas emissions, recalculation of a selection of the greenhouse gas emissions and analytical procedures comparing changes in greenhouse gas emissions trends.

As described in note 1, environmental and energy use data are subject to measurement uncertainties resulting from limitations inherent in the nature and the methods used for determining such data. The selection by management of different but acceptable measurement techniques could have resulted in materially different measurements. The precision of different measurement techniques may also vary.

Based on our review, we are not aware of any material modifications that should be made to the Statement of GHG Emissions of Norfolk Southern Corporation for the year ended December 31, 2021 in order for it to be in accordance with the GHG Protocol.

KPMG LLP

Atlanta, Georgia
July 26, 2022

Statement of Greenhouse Gas Emissions
Year ended December 31, 2021

Operational Boundary	Emissions (in metric tons CO₂e)
Scope 1	4,165,808
Scope 2 (Market Based)	149,704
Scope 2 (Location Based)	147,906
Scope 3	1,106,117
SBTi Target	Emissions Intensity (in metric tons CO₂e / MGMTM)
Scope 1 + 2 (Location Based) Emissions Intensity	12.66

The above Scope 1 emissions exclude 47,797 tons of direct CO₂ emissions from the use of biofuels.

The accompanying notes are an integral part of the Statement of Greenhouse Gas Emissions.

Notes to the Statement of Greenhouse Gas Emissions

Year ended December 31, 2021

Note 1: The Company

Basis of Presentation

Norfolk Southern Corporation (the Company) has prepared its 2021 Statement of Greenhouse Gas Emissions (GHG) on a calendar reporting year that is the same as our financial reporting period. The Company established 2019 as its base year, in alignment with our target to achieve a 42% reduction in Scope 1 and Scope 2 greenhouse gas emissions intensity by 2034 that was validated by Science-Based Target initiative (SBTi). Base year GHG emissions were:

Operational Boundary	Emissions (in metric tons CO₂e)
Scope 1	4,784,047
Scope 2 (Location Based)	201,474
SBTi Target	Emissions Intensity (in metric tons CO₂e / MGMTM)
Scope 1 + 2 (Location Based) Emissions Intensity	13.38

The Company did not establish base year GHG emissions for Scope 3 emissions.

- Scope 1 and Scope 3 GHG Emissions information have been prepared in accordance with the World Resources Institute/World Business Council for Sustainable Development (WRI/WBCSD) Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard Revised.
- Scope 2 GHG Emissions information has been prepared in accordance with the WRI/WBCSD GHG Protocol Scope 2 Guidance: An amendment to the GHG Protocol Corporate Standard.

Collectively, the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard, Revised Edition and the GHG Protocol Scope 2 Guidance: An amendment to the GHG Corporate Standard are referred to as the “GHG Protocol” in this document.

Our policy is to restate our base year if any changes in GHG emission methodology, emission factors, organizational boundary conditions (operational or financial control), would change base year data by more than 5%. For any acquisitions, base year data for the acquired business is added to the total base year data. For any divestitures, the base year data for the divested business is subtracted from total base year emissions. No recalculations or adjustments have been made to base year emissions.

The Company’s statement of GHG Emissions includes all direct (Scope 1) and indirect (Scope 2) GHG emissions generated from all company-owned locations, which are all located in the United States as defined under the financial control method and indirect GHG emissions from fuel-and-energy-related activities (not included in scope 1 and 2), upstream transportation and

distribution, waste generated in operations, business travel (commercial air business travel, rental car usage, personal car use for business purpose), employee commuting, and upstream leased assets (Scope 3).

Carbon Credits

In 2021, the Company received a total of 51,785 carbon credits from reforestation activities in our Trees and Trains project related to 2020. We did not retire or sell any carbon credits in 2021.

Estimation Uncertainties

Environmental and energy use data included in the Statement of GHG Emissions are subject to measurement uncertainties resulting from limitations inherent in the nature and the methods used for determining such data. The selection of different but acceptable measurement techniques can result in materially different measurements. The precision of different measurement techniques may also vary.

Note 2: GHG Reporting

Greenhouse Gases

The GHG Protocol covers the accounting and reporting of seven greenhouse gases covered by the Kyoto Protocol – Carbon Dioxide (CO₂), Methane (CH₄), Nitrous Oxide (N₂O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF₆), and Nitrogen Trifluoride (NF₃).

Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF₆), and Nitrogen Trifluoride (NF₃) emissions have been omitted from our reporting as they are not material sources of greenhouse gases for the Company.

Intensity metrics are reported in metric tons of CO₂ equivalents per Million Gross Ton-Miles (MT CO₂e / MGMTM).

GHG Emission Factors

GHG Emission Source	Emission Factor Source	Data Sources and Calculation Methodologies
Scope 1 Heating	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Fuel consumption/Fuel-based method
Scope 1 Transport Fuel	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Fuel consumption/ Fuel-based method
Scope 2 and Scope 3 Grid Electricity	US Environmental Protection Agency eGRID2020	Utility Management/Electricity Consumption
Scope 2 Market-Based Electricity	2021 Green-e Energy Residual Emission Rates (2019 Data)	Utility Management/ Electricity Consumption
Scope 3 Fuel-and-Energy-Related Activities	2021 DEFRA GHG Reporting Conversion Factors	Fuel consumption/ Average-data method
Scope 3 Business Travel	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Travel Agency/Distance-based method
Scope 3 Employee Commuting	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Human Resources/Average-data method
Scope 3 Transport Fuel	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Logistics supplier/Distance-based method
Scope 3 Upstream Leased Assets	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Real Estate Department/Average-data method
Scope 3 Waste Generated in Operations	US EPA Center for Corporate Climate Leadership Emission Factor Hub	Logistics supplier/Waste-type-specific method

Emissions from purchased goods and services and capital spend have not been included in the Statement of GHG Emissions. Norfolk Southern continues to improve data gathering efforts to understand emissions from its suppliers and will include emissions from these sources in the future. Emissions from downstream transportation and distribution, processing of sold products, use of sold products, end-of-life treatment of sold products, downstream leased assets, franchises, and investments are not relevant to Norfolk Southern's business.

Global Warming Potentials

The GHG Inventory was calculated using the Global Warming Potentials (GWP) from the International Panel on Climate Change (IPCC) Fourth Assessment Report and the country appropriate emissions factors listed above. All GHG emissions are calculated in metric tons (mT) of pollutant (CO₂, CH₄, N₂O) and converted to mT of CO₂ equivalents (or "CO₂-e") using the global warming potentials (GWPs). GWPs for the Company's inventory are taken from the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report (AR4) 2007 using 100-year values.

Scope 1, 2, and 3 GHG Inventory by Type

The following tables present the Company's GHG Inventory by scope and GHG type for the year ended December 31, 2021.

GHG Type	Emissions (in metric tons CO ₂ e) (Location- Based)	Emissions (in metric tons CO ₂ e) (Market- Based)
Scope 1***		
CO ₂	4,126,770	
CH ₄	8,698	
N ₂ O	30,340	
Total Scope 1	4,165,808	N/A
Scope 2		
CO ₂	147,100	149,704**
CH ₄	301	
N ₂ O	505	
Total Scope 2	147,906	149,704
Scope 3		
CO ₂	89,991	
CH ₄	51	
N ₂ O	559	
CO ₂ e	1,015,516*	
Total Scope 3	1,106,117	N/A

*73,712 metric tons CO₂e are emissions related to waste generated in operations. The total CO₂, CH₄, and N₂O emissions breakdown for this category is not available because emissions for waste constitute only methane emissions and emission factors for waste are not broken down per GHG type. 941,803 metric tons CO₂e are emissions related to the well to tank (upstream) portion of scope 1 fuel use and a breakdown for this category is not available because emission factors are provided in kg of CO₂e per liter and therefore a breakdown per GHG type is unavailable.

**149,704 metric tons CO₂e are scope 2 market-based emissions calculated using the Green-e Residual Mix emission factors. Green-e emission factors are provided in pounds of CO₂ per MWh and therefore a breakdown per GHG type is unavailable.

*** The above Scope 1 emissions exclude 47,797 tons of direct CO₂ emissions from the use of biofuels.