

THE NORTHWEST SEAPORT ALLIANCE
MEMORANDUM

MANAGING MEMBERS
ACTION ITEM

Item No. 8E
Date of Meeting December 7, 2021

DATE: November 22, 2021

TO: Managing Members

FROM: John Wolfe, CEO

Sponsor: Jason Jordan, Director, Environmental and Planning Services

Project Manager: Steve Nicholas, Environmental Senior Project Manager

SUBJECT: Northwest Ports Clean Air Strategy Implementation Plan and Adoption of Resolution 2021-08 – Second Reading

A. ACTION REQUESTED

Request that the Managing Members of The Northwest Seaport Alliance adopt Resolution 2021-08, thereby adopting the NWSA's 2021-2025 Clean Air Implementation Plan.

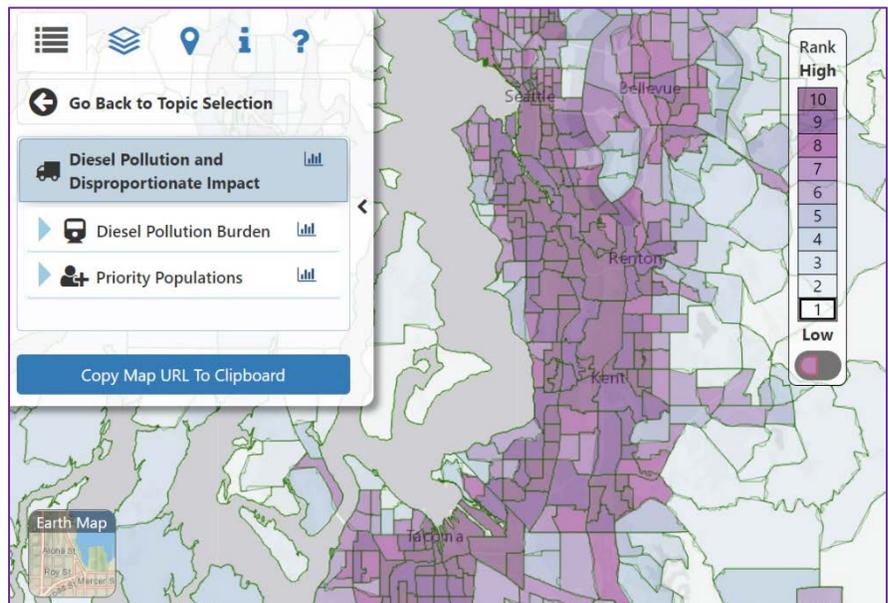
B. SYNOPSIS

The 2020 Northwest Ports Clean Air Strategy (NWPCAS) – unanimously adopted by the Managing Members of The Northwest Seaport Alliance (NWSA) in April 2021 – sets a bold new vision for clean air and climate action by the NWSA: “*phase out emissions from seaport-related activities by 2050.*” This implementation plan outlines the key actions the NWSA will take in the next five years (2021-2025) to advance that vision and the NWSA’s interim targets for greenhouse gas (GHG) emission reduction: 50% by 2030, and 70% by 2040. In all, the implementation plan lays out 46 milestones to be achieved by the end of 2025. The NWSA’s Air Quality & Sustainable Practices Team will be responsible for coordinating implementation of this plan, tracking progress against these milestones, and reporting annually to senior executives, the Managing Members, and our government, industry, community, and NGO partners and stakeholders. Staff briefed the Managing Members’ Environmental Working Group (Commissioners Ang, Cho, Felleman, and Meyer) on October 14; the Working Group was very supportive of the final draft of the plan as presented. Staff briefed the Managing Members on the plan at the 1st Reading on November 2, culminating in a unanimous vote to advance the plan to this 2nd Reading.

C. ISSUES RAISED AT 1ST READING

- Shore Power Program: The Managing Members directed staff to accelerate shore power system planning for Washington United Terminals, Pierce County Terminal, and Terminal 30. The Implementation Plan includes an action to update planning work on these terminals by the end of 2023, to include results of the South Harbor Electrification Roadmap. A section has also been added to the funding strategy section that summarizes the Tacoma Harbor projects and communicates our associated funding needs.
- South Harbor Electrification Roadmap (SHERM): Given the importance of the SHERM to critical infrastructure planning and installation, the Managing Members encouraged staff to complete the study as soon as possible. We have accelerated the delivery date of the gateway-wide infrastructure plan from 2024 to 2023.
- Timeliness of emissions data: The Managing Members noted that, because of COVID 19 and other factors, a longer-than-usual lag occurred between the 2016 Puget Sound Emissions Inventory (PSEI) and the 2020 update of the NW Ports Clean Air Strategy. Staff will work with partners to re-sync the emissions inventory update and Strategy development in the next renewal cycle.
- Environmental Health Disparities map: The Managing Members asked to see diesel pollution-related layers of the state Department of Health’s Environmental Disparities Map, which are the most directly relevant to the NWSA Clean Air Implementation Plan. That map layer presented below focuses specifically on diesel emissions and disproportionate impact. Similar to the broader map of environmental health

disparities shown during the 1st Reading, this map shows many census tracts located near seaports – and throughout the Kent Valley – that are ranked high regarding disproportionate impact to diesel pollution.



- Wording of Resolution 2021-08: The Managing Members requested that Resolution 2021-08 include a reference to "the NWSA's commitment to a fair, just, and equitable transition to zero-emissions." That change has been made.

D. IMPLEMENTATION HIGHLIGHTS

- T-5 shore power system is under construction and design is completed for the Husky Terminal shore power system.
- The lighting upgrade at East Blair 1 Terminal is complete; the lighting upgrade at the North Intermodal Yard is underway and slated for completion by June 2022.
- The Clean CHE demonstration project at the South Intermodal Yard is progressing nicely. Three of six electric yard tractors are expected to arrive in December, with the other three arriving in early 2022.
- The Request for Proposals to provide technical support to the South Harbor Electrification Roadmap is out, and staff expects to have a consultant on-board by the end of the year.
- The scoping assessment for the Puget Sound Clean/Zero-Emission Truck Collaborative is nearing completion; a report with recommendations is expected by the end of the year.
- The next phase of the Clean Truck Program's pre-2007 truck scrap-and-replace incentive program will start soon, pending Managing Members' approval of the federal DERA grant that will fund that phase.
- Staff are gearing up to pursue funding opportunities through the recently passed Infrastructure Investment & Jobs Act, as well as the Build Back Better Act (if it, too, passes).

E. ATTACHMENTS TO THIS REQUEST

- Computer slide presentation
- Resolution No. 2021-08
- Final NWSA 2021-2025 Clean Air Implementation Plan

F. PREVIOUS ACTIONS OR BRIEFINGS

Date	Action
November 2, 2021	NWSA Managing Members conduct first reading of NWSA 2021-2025 Clean Air Implementation Plan
October 14, 2021	Briefing for NWSA Managing Members Environmental Working Group
April 6, 2021	NWSA Managing Members, conduct second reading of Joint Resolution 2021-01; resolution is unanimously adopted by Managing Members, Port of Seattle Commission, and Port of Tacoma Commission
February 2, 2021	NWSA Managing Members conduct first reading of 2020 NWPCAS Resolution 2021-01 and were briefed on 2020 NWPCAS proposed implementation plan development
January 12, 2021	Port of Seattle commission briefed on final 2020 NWPCAS and Port of Seattle's proposed implementation plan
December 11, 2020	Briefing Memo to NWSA Managing Members
September 1, 2020	Third briefing for NWSA Managing Members
August 6, 2019	Second briefing for NWSA Managing Members
July 3, 2018	First briefing for NWSA Managing Members; authorization of ILA with Vancouver-Fraser Port Authority
December 2018, June 2019, January 2020, June 2020, August 2020, November 2020, January 2021	Briefings for NWSA Managing Members Environmental Working Group
April 2018	Briefing on the 2016 Puget Sound Maritime Air Emissions Inventory results
December 2013	Port of Seattle and Port of Tacoma Commissions adopt NWPCAS 2013 update
January 2008	Port of Seattle and Port of Tacoma Commissions adopt original NWPCAS