

THE NORTHWEST SEAPORT ALLIANCE
MEMORANDUM

MANAGING MEMBERS
ACTION ITEM

Item No.	<u>9C</u>
Date of Meeting	<u>August 1, 2023</u>

DATE: July 24, 2023

TO: Managing Members

FROM: John Wolfe, CEO

Sponsor: Jason Jordan, Director, Environmental & Planning

Project Manager: Nicola Graham, Project Manager I, Environmental

SUBJECT: ILA and Briefing: Workforce Development with University of Washington for WA Sea Grant Fellowship (2023-2024)

A. ACTION REQUESTED

Request Managing Members of the Northwest Seaport Alliance (NWSA) authorization for the Chief Executive Officer or their delegate to enter an Interlocal Agreement (ILA) between The Northwest Seaport Alliance (NWSA) and the University of Washington (UW) Sea Grant Fellowship Program, under which the NWSA will host one full-time Hershman Fellow for one year, from September 2023 to September 2024 at a cost of \$60,000.

B. SYNOPSIS

The NWSA has been a host organization for Fellows from the Washington Sea Grant Hershman Fellowship Program for the last two years and was accepted as a host organization again for 2023-2024. The NWSA has applied for and matched with one fellow, who will work with the Air Quality and Sustainable Practices Team.

The fellow that will join the Air Quality and Sustainable Practices team holds a Master's Degree in Marine Affairs from the School of Marine and Environmental Affairs at the University of Washington. She has experience working as an Environmental Specialist for FEMA, and as a researcher into environmental justice data for WA Department of Fish and Wildlife. She will bring considerable technical and professional skills to the NWSA's efforts to implement the Northwest Ports Clean Air Strategy (NWPCAS).

The fellow will work full-time for a year, beginning in September 2023. Under the ILA, the NWSA will pay the UW Washington Sea Grant Program \$60,000 for the year to cover our share of the costs of the Fellowship. The NWSA will also provide supervision, mentorship, and workspace and equipment as necessary.

C. OVERVIEW OF 2023-2024 WASHINGTON SEA GRANT (WSG) HERSHMAN FELLOWSHIP OPPORTUNITY

The WSG Hershman Fellowship offers a unique professional and educational opportunity for recently finished graduate students engaged in studies pertaining to ocean and coastal policy issues. Its goal is to offer students first-hand experiences working for organizations that are involved in crafting marine and natural resource policies and allows them to share their academic expertise with their host offices, which include government agencies, nonprofits, and tribes throughout Washington State. Host offices with programs that address coastal and marine issues through natural and social science research, local and traditional knowledge, policy, management, environmental justice, and/or equity-centered work are encouraged to participate, making NWSA a perfect fit for the program.

This will be the third year the NWSA has participated in the WSG program. The NWSA first participated in the 2021-2022 academic year, initially hosting one fellow in the Air Quality and Sustainable Practices (AQSP) team. In the second year of NWSA participation (in the 2022-23 academic year), the NWSA hosted two fellows – one (Abigail Ames) in the AQSP team, and one (Harshitha Sai Viswanathan) in the Planning team. Abigail has been an integral part of the AQSP team over the past year, leading development and implementation of the team’s community engagement program, the NWSA’s Green Marine self-evaluation and verification, and development of a clean air and climate web portal. Harshitha has helped the Planning team this past year with its resiliency planning work and is the only employee at the organization dedicated wholly to resilience work. She has helped the Resilient Gateway project team with the Vulnerability Assessment and Response Framework, piloted seasonal hazard communications efforts, helped facilitate customer outreach following hazardous events, and explored relevant resiliency-focused funding opportunities. Both fellows have contributed valuable work to the organization.

The NWSA applied to be a host organization for a 2023-2024 Hershman Fellow, and our application was selected in May 2023. In June NWSA staff participated in an intensive, two-day matching workshop led by UW during which the nine Hershman Fellow finalists and seven host organizations (NWSA, Washington State Department of Ecology, WA Department of Fish and Wildlife, Makah Tribe, Hoh Tribe, The Nature Conservancy, and Puget Sound Partnership) made presentations and interviewed each other. Following the workshop, the NWSA was matched with Andrea Richter-Sanchez, a recent graduate of the UW School of Marine and

Environmental Affairs, where she earned a Master's Degree in Marine Affairs, and a Graduate Certificate in Climate Science. Andrea brings considerable technical and professional expertise, and we expect her to be an important contributor to the NWSA's environmental and planning program.

If this ILA is approved, Andrea will join the NWSA Air Quality and Sustainability starting in September of 2023. A key focus of Andrea's work plan will be continuing to develop and implement the AQSP team's community engagement program including implementation of an ongoing community engagement framework, development and maintenance of *NW Clean Ports*, a clean air and climate web portal and coordination of our *Ports Clean Air Quarterly* newsletter. Andrea will also support our efforts to participate in and influence development and implementation of international, federal, and state policies, especially the Climate Commitment Act, Clean Fuel Standard and HEAL Act.

With the growing focus on clean air and climate solutions, environmental justice, and community engagement this is a timely opportunity to augment our capacity in these areas. The WSG program is a great opportunity to bring fresh energy and talent into the organization in an economical way, while also providing valuable experience and professional development opportunities for young professionals coming out of one of our state's graduate schools and looking to begin a career in the maritime sector.

D. SUMMARY OF 2022 – 2023 WSG FELLOWSHIP WORK
Abigail Ames – Air Quality & Sustainable Practices Fellow
NW Clean Ports

www.nwcleanports.com will be a first-of-its-kind public web portal that gives people first-hand insight into the efforts of the port to tackle climate change and improve air quality in near-port communities and across the state of Washington. In addition to general information about how ports operate, air pollutants and climate change, and our programs to reach zero emissions by 2050 or sooner, this site will offer a view of our current progress toward clean air and climate milestones in the Clean Air Implementation Plans. This progress dashboard sets us apart from all other North American ports and is key to building trust with near-port communities through consistency and transparency. This site has been led by Abigail and is a joint effort of the NWSA, Port of Seattle and Port of Tacoma. The web portal is slated to be completed before Abigail's departure in September.

Clean Air Quarterly

[Clean Air Quarterly](#) is a joint publication from NWSA, Port of Tacoma, and Port of Seattle, which provides quarterly updates on air quality efforts across the gateway. Each issue contains summaries of the latest work coming from the Ports and interviews with staff and industry, government and community partners who are creating change in near-port communities. Allison Lu, NWSA's first Fellow, created

the first issues of Clean Air Quarterly in direct response to hearing the community ask for consistent communication and to do so in multiple media to engage a broader audience. Clean Air Quarterly is available from the NWSA Newsroom, by email subscription, and print editions.

Green Marine Verification & Certification

Green Marine is a voluntary sustainability certification for the maritime industry which encourages continual improvement and accountability for environmental health. NWSA has been a member of Green Marine since 2015 and since then have demonstrated yearly improvements across the nine categories of operations included in Green Marine's scoring process. A third-party accredited verifier is required to evaluate NWSA's self-evaluated scores and final scores are revealed at the Green Tech conference which was held in Seattle in June 2023. Abigail developed new organizational workflows to complete our Green Marine self-evaluations which align with digital best practices and organizational goals and presented NWSA's Tacoma Harbor community engagement program as a case study for North American ports to reference in order to achieve their own engagement goals.

Community Engagement

Abigail has greatly expanded NWSA's capacity for community outreach, implementing PoT's Tacoma Harbor Engagement Framework by assisting and attending events hosted in Seattle's Duwamish Valley and the Tacoma Tidelands, fostering internal collaboration, and assisting in hosting events across our gateway. Abigail has contributed to several events including:

- Duwamish Youth Climate Resilience Panel 2023
- Puyallup Tribe Earth Day 2023
- Duwamish Alive! 2023
- Truck & Bike Safety Fair 2023
- White River High School Career Day 2022
- Maya's Salmon Planting Event 2023
- Infrastructure Evolution 2023
- Tacoma Pride 2023

Harshitha Sai Viswanathan – Planning & Logistics Fellow

Resilient Gateway

Harshitha worked with the Planning Team to help develop the Vulnerability Assessment and Response Framework (VARF) as part of the NWSA's Resilient Gateway Program. She worked with the project team to manage and condense

technical information on the eight hazards and helped co-create the methodology for ranking risk factors relative to NWSA and Gateway vulnerabilities. She participated in conducting subject matter expert meetings with NWSA and homeport staff to collect relevant information and perceptions of risk pertaining to areas of vulnerability on terminal and across the gateway. In addition, she explored aspects of science communication to better disseminate information in a form that is comprehensible, accessible, and palatable for a broad and diverse audience.

NWSA Seasonal Hazard Report

Harshitha developed the first NWSA Seasonal Hazard Report to inform planning efforts by documenting and sharing information on significant climate and weather-related events within the Gateway. The first report summarized climate and weather-related milestones and primarily focused on regional events. It addressed the nature, scope, and impacts of these events relative to how they affect the NWSA terminals and the Gateway. She also explored the use of platforms such as Microsoft Sway to share the results.

NWSA Hazard-Focused Tenant Engagement

Harshitha worked with the Planning and Real Estate teams to support engagement with our customers on hazard and resiliency topics. She developed a questionnaire that was sent out to NWSA tenants to gather their observations and experiences on the impacts of climate and weather-related events. This was our first proactive tenant engagement effort to gather hazard observations and this pilot project focused on how the record tides and ice storms observed in December 2022 affected tenants' facilities, operations, equipment, and businesses. The recorded responses were presented in an infographic along with the climate milestones project. Engaging tenants on how hazards impact our tenants helps develop new primary sources of information, aids in hazard preparedness and response efforts, and helps inform the action items of the Vulnerability Assessment and Response Framework.

Professional Development

Harshitha has also had the opportunity to participate in professional development activities during her fellowship. Harshitha was able to attend the Ocean Visions Summit conference in Atlanta and Coastal Zone Canada 2023 conference in Victoria. She also attended virtual conferences on topics of coastal resilience, and habitability and mobility in the context of climate change to expand her knowledge on concepts of ocean-based decarbonization strategies, ecosystem repair and restoration, and human adaptation within marine and coastal policies. She has been able to acquire skills in project management and evaluation through the Project Management Institute's professional certification, policy research and analysis, data

analysis and visualization, science communication, grant writing, and strategic plan development. Her exposure to concepts of climate related risks and resilience at the port has fueled her interest to expand her knowledge of themes of sustainable development from industry perspectives through a professional certificate in sustainability at the Massachusetts Institute of Technology. She has been able to develop knowledge in aspects of business management and sustainability metrics in efforts to expand the scope of strategic planning and implementation of policies that account for diverse stakeholder objectives, institutions, and ethics through effective communication, improved accountability, and transparency for the successful uptake of policies.

E. FINANCIAL IMPLICATIONS

Source of Funds

The cost of hosting one WSG fellow for the 2023-2024 academic year is \$60,000. The funds will be paid from the Air Quality and Sustainable Practices program budget.

F. ATTACHMENTS TO THIS REQUEST

- ILA between University of Washington and Northwest Seaport Alliance

Interlocal Agreement

Between the Northwest Seaport Alliance and the University of Washington (UW) on behalf of its Washington Sea Grant Program

Relating to the Washington Sea Grant Hershman Fellowships

This Agreement is made and entered into by the State of Washington, through the University of Washington ("UW"), an institution of higher education and an agency of the State of Washington, with its principal campus located in Seattle, Washington, USA, and the Northwest Seaport Alliance ("NWSA"), a municipal corporation of the State of Washington, individually a "Party" and collectively referred to as the "Parties."

RECITALS

WHEREAS, Chapter 39.34 RCW authorizes government entities to contract to perform any governmental service, activity, or undertaking which each public agency entering into the contract is authorized by law to perform;

WHEREAS, the NWSA and the UW have mutual interests in promoting environmental stewardship, economic development and social equity in the maritime industry;

WHEREAS, the UW provides administrative support for the Washington Sea Grant program, including the Washington Sea Grant Hershman Fellowship program, a one-year, paid marine policy fellowship that matches highly motivated, qualified individuals with host agencies, nonprofits or tribes throughout Washington State to offer recent graduates first-hand experiences in crafting marine and natural resource policies and allows them to share their academic expertise with their host offices;

WHEREAS, the UW has legal authority to enter into this Agreement pursuant to RCW 39.34.130 and RCW 39.26.180(3);

WHEREAS, the NWSA has legal authority under RCW 53.08 to operate and maintain seaport infrastructure, including energy, habitat restoration, climate resilience efforts, and community engagement related to seaport operations;

WHEREAS, in 2008, the ports of Seattle and Tacoma, along with the Vancouver Fraser Port Authority, first developed and adopted the Northwest Ports Clean Air Strategy (NWPCAS) to serve as a common framework for voluntary clean air and climate action, investment, and leadership across the four port authorities and throughout the Georgia Basin-Puget Sound airshed; and

WHEREAS, in 2013 the NWPCAS was updated and adopted by the ports of Seattle and Tacoma, and in 2015 the newly created The Northwest Seaport Alliance (NWSA) joined the NWPCAS collaborative; and

WHEREAS, in 2017 the Ports adopted greenhouse gas emission reduction targets aligned with the 2015 Paris Agreement: 50 percent below 2005 levels by 2030; 80 percent below 2005/2007 levels for Scope 3 (i.e., indirect) emissions by 2050; and carbon neutral for Scope 1 and Scope 2 emissions by 2050; and

WHEREAS, in 2020 the NWSA's Managing Members adopted an update to the NWPCAS that sets the aspirational vision to phase out emissions from seaport-related activities by 2050, supporting cleaner air for our local communities and fulfilling our shared responsibility to help limit global temperature rise to 1.5°C.

WHEREAS, in 2021 the NWSA's Managing Members adopted an Implementation Plan that puts forward the major actions and milestones for the first five years of working towards the NWPCAS vision to phase out emissions from seaport related activities by mid-century.

WHEREAS, the NWSA applied and was accepted to host one (1) Hershman Fellow ("Fellow") for the period of one year (2023-2024) and the purpose of this Agreement is to set out each Party's obligations with respect to the NWSA's hosting of the Fellow.

NOW, THEREFORE, the Parties agree as follows:

TERMS AND CONDITIONS

1. **Northwest Seaport Alliance:** The Northwest Seaport Alliance shall:

- a) Transmit payments that total **\$60,000** to UW upon execution of this contract. This payment is the NWSA's share of the costs of the one fellow.
- b) Provide full-time, 40-hours per week engagement for the Fellow for one calendar year on projects and initiatives within the Air Quality and Sustainable Practices team, within the following focus areas:
 - (1) ***Strengthening community engagement:*** The NWSA's 2021-2025 Clean Air Implementation calls for significant improvements in the NWSA's communications and engagement with near-port communities, including development of a quarterly newsletter, web portal, and on-going engagement program. The Hershman Fellow will play a vital role in these efforts, including serving as editor-in-chief of the newsletter and chief web portal curator.
 - (2) ***Advancing environmental justice in near-port communities:*** We know from the WA Department of Health's Environmental Health Disparities Map that people living near seaport activities are experiencing significant environmental health disparities, and that the NWSA has a key role to play in addressing those disparities. The Hershman Fellow could support the NWSA's work to better understand its role vis-à-vis these disparities and develop policies and programs to address them. One specific example could be a program to help low-income drayage truck drivers find financing to purchase zero-emission trucks as they become available and affordable in the Puget Sound region.
 - (3) ***Strengthening engagement in international, federal, and state policy development and implementation:*** The Clean Air Implementation Plan also calls for increased engagement by the NWSA in key international, federal, and state policy arenas and initiatives. The Hershman Fellow could support this work, for example by tracking key activities of the International Maritime Organization (the arm of the UN that regulates international shipping) and the International Association of Ports & Harbors (which represents ports in the international policy arena). In addition, the Fellow could support the NWSA's participation in implementation of the new state Clean Fuels Standard and/or Climate Commitment Act, which will create a state-wide carbon market and new revenue streams that could help fund port-related emission-reducing activities.

- c) Provide access to office space, equipment, training, and other items needed to perform assigned work for Fellow.
- d) Provide supervision and evaluation of the Fellow consistent with the HR policies of the NWSA.

2. **University of Washington:** The UW shall:

- a) Hire and administer fellowship stipend payments and manage and distribute professional development funds.
- b) Be available to the NWSA and the Fellow for consultation on fellowship progress when needed.
- c) Refund the NWSA a pro-rated portion of the \$60,000 payment if the Fellow chooses to terminate their employment with the UW prior to the 11th month of the fellowship.

3. **Budget.** The UW will provide one Fellow at a rate of \$60,000.

4. **Property.** Upon termination of this Agreement, each Party will retain ownership of any real or personal property acquired in its own name prior to execution of this Agreement.

- a) **Background Intellectual Property.** "Background IP" means all intellectual property that: (i) was owned or developed by a Party prior to the execution of this Agreement; or (ii) was independently developed by a Party without contribution, assistance or influence from the other party to this Agreement. Each Party will retain all rights, title and interest in their respective Background IP. To the extent such Background IP is provided or available to the Parties under this Agreement, each Party hereby grants to the other Party a non-exclusive, nontransferable, paid-up, worldwide, royalty-free license under its Background IP as may be necessary (i) for such other Party to perform its obligations under this Agreement; or (ii) for such other Party to practice rights to the Joint IP described below in Section 4.2.
- b) **Joint Intellectual Property.** "Joint IP" means all intellectual property that is developed jointly by the Parties under this Agreement. Each Party will have the right, subject to this Agreement and applicable law, to make, have made, use, offer to sell, sell, import, publicly display and publicly perform Joint IP and freely exercise, transfer, assign, license, encumber, and enforce all of its rights in the Joint IP without the consent, joinder, or participation of, or payment or accounting, to the other Party. By mutual agreement, the Parties shall identify which Party shall file patent applications, trademark applications, or any other intellectual property filing for any Joint IP.

5. **Additional Services:** The Parties can negotiate additional and non-standard services. These services must be agreed to in writing prior to implementation.

6. **Termination of Agreement:** Either Party may terminate this Agreement upon thirty days written notice to the other Party.

7. **Dispute Resolution:** Any disputes or questions of interpretation of this Agreement that may arise between the NWSA and UW shall be governed under these Dispute Resolution provisions. The NWSA and UW agree that cooperation and communication are essential to resolving issues efficiently. If disputes about the implementation of this Agreement arise, the designated contact persons for the Port and UW shall meet to discuss the issues and attempt to resolve the dispute in a timely manner. If the designated

contact persons are unable to resolve the dispute, then the Parties may pursue any legal remedies. At all times prior to resolution of the dispute, the Parties shall continue to perform and make any required payments under this Agreement in the same manner and under the same terms as existed prior to the dispute.

8. **Term of Agreement:** The term of this Agreement shall begin on 9/16/2023 and end on 09/30/2024, sufficient to allow one full year of participation by the Hershman Fellow at the Northwest Seaport Alliance.

9. **Indemnification:** To the maximum extent allowed by law, including in the case of UW, RCW 28B20.250 et seq., the Parties shall protect, defend, indemnify, and save harmless each other, their officers, officials, employees, and agents, while acting within the scope of their employment, from any and all costs, claims, judgments, penalties, and/or awards of damages, arising out of or in any way resulting from the Parties' own negligent acts or omissions in connection with performance of activities under the terms of this Agreement. Each Party agrees that its obligations under this provision extend to any claim, demand, and/or cause of action brought by, or on behalf of, any of its employees or agents. For this purpose, each Party, by mutual negotiation, hereby waives, with respect to the other Party only, any immunity that would otherwise be available against such claims under the Industrial Insurance provisions of Title 51 Revised Code of Washington (RCW). In the event that a Party incurs any judgment, award, and/or cost arising there from, including attorneys' fees, to enforce the provisions of this Article, all such fees, expenses, and costs shall be recoverable from the responsible Party to the extent of that Party's culpability. This indemnification shall survive the termination of this Agreement.

10. **Notification:** Any notice required or permitted to be given pursuant to this Agreement shall be in writing, and shall be sent by U.S. Mail and by email (with telephonic confirmation), to the following addresses unless otherwise indicated by the Parties to this Agreement:

For the UW:

Carol Rhodes

Office of Sponsored Programs

University of Washington

4333 Brooklyn Ave. N.E.

Box 359472

Seattle, WA 98195-9472 osp@uw.edu

For the Northwest Seaport Alliance:

Steve Nicholas

The Northwest Seaport Alliance

1 Sitcum Plaza

Tacoma, WA 98421 snicholas@nwseaportalliance.com

11. **Amendment:** Either Party may request changes to the provisions contained in this Agreement. Any change to this Agreement must be mutually agreed to by both Parties, in writing and executed with the same formalities as the original Agreement.

12. **Applicable Law:** This Agreement shall be governed by and construed in accordance with the laws of the State of Washington.

13. **Jurisdiction and Venue:** The King County Superior Court in Seattle, Washington shall have exclusive jurisdiction and venue over any legal action arising under this Agreement.

14. **Severability:** If any court determines that any provision of this Agreement is invalid or unenforceable to any extent, the remainder of the Agreement shall not be affected thereby and each other term, covenant or condition of this Agreement shall be valid and enforced to the fullest extent permitted by law.

15. **Waiver of Default:** Waiver of any default by either Party shall not be deemed to be a waiver of any subsequent default. Waiver of breach of any provision of this Agreement shall not be deemed to be a waiver of any other or subsequent breach. Waiver of any default or breach shall be interpreted or construed to constitute a modification of the terms of this Agreement, unless so stated in writing and signed by both Parties.

16. **Entire Agreement:** This Agreement and the Exhibits attached hereto, and by this reference incorporated herein, set forth the entire Agreement of the UW and the NWSA, and there are no other agreements or understandings, oral or written, between the UW and the NWSA concerning this Agreement.

17. **Mutual Negotiation:** The Parties agree that the terms and provisions of this Agreement have been negotiated, that the Agreement shall be deemed to be mutually negotiated and mutually drafted by both Parties, and the language in the Agreement and Exhibits shall, in all respects, be construed according to its fair meaning and not strictly for or against either Party.

18. **Legal Obligations.** This Agreement does not relieve either Party of any obligation or responsibility imposed upon it by law. No third-party beneficiaries are intended to be created by this Agreement and no third party, by law or equity, may enforce this Agreement against the Port or UW, their officers or elected officials, or any person.

19. **Counterparts:** The Parties may execute this Agreement in counterparts, which, taken together, constitute the entire Agreement.

EXECUTED BY THE UNDERSIGNED PARTIES effective as of the date last below written and posted pursuant to Chapter 39.34 RCW:

University of Washington:

The Northwest Seaport Alliance:

By:

By:

Signature

Date

Signature

Date

Print Name:

Print Name:

Title:

Title:

Item No.: 9C

Date of Meeting: August 1, 2023

ILA and Briefing: Workforce Development with University of Washington for WA Sea Grant Fellowship



THE NORTHWEST
SEAPORT ALLIANCE

SEATTLE + TACOMA

Nicola Graham, Environmental Project Manager
Abigail Ames, UW Sea Grant Fellow (AQSP) 2022-23
Harshitha Sai Viswanathan, UW Sea Grant Fellow (Planning) 2022-23

ACTION REQUESTED

Request Managing Members of the Northwest Seaport Alliance (NWSA) authorization for the Chief Executive Officer or their delegate to enter an Interlocal Agreement (ILA) between The Northwest Seaport Alliance (NWSA) and the University of Washington (UW) Sea Grant Fellowship Program, under which the NWSA will host one full-time Hershman Fellow for one year, from September 2023 to September 2024, at a cost of \$60,000.

Washington Sea Grant Hershman Fellowship

- WSG Hershman Fellowship offers a unique educational opportunity for recent graduates of master's programs engaged in studies related to ocean and coastal policy issues.
- Host offices with programs that address coastal and marine issues through natural and social science research, local and traditional knowledge, policy, management, environmental justice, and/or equity-centered work.
- Fellowships run from Sept. 2023 – Sept. 2024
- WSG Hosts in 2023 – 2024:
 - NWSA
 - WA Department of Ecology
 - WA Department of Fish and Wildlife
 - Makah Tribe
 - Hoh Tribe
 - The Nature Conservancy
 - Puget Sound Partnership



Work Samples

[2022 Climate Milestones
– Seasonal Hazard
Report and Hazard-
Related Tenant
Engagement](#)

[Story Map](#)



2022 Climate Events in Our Gateway



Professional Development Activities

Conferences

- Ocean Visions Summit 2023 (Atlanta)
- Coastal Zone Canada 2023 (Victoria)
- Climate Adaptation Initiative: Habitability and Mobility in an Era of Climate Change (New York City - Virtual)
- Nature-based Resilience in Urban Spaces (Boston – Virtual)

Certificates

- Project Management Institute Professional Certification in Project Management (In Progress)
- Professional Certificate Program in Sustainability – Massachusetts Institute of Technology (In Progress)

Tour of Zayed Port (Abu Dhabi)

- Met with port staff in various departments
- Maritime History and Culture
- Gulf Cooperation Council (GCC) Member Countries Economy Sustainability Goals

Summary of AQSP Sea Grant Fellowship 2022-23

Abigail Ames (she/they)

- B.S. Fisheries & Oceanography, Master of Marine Affairs
- Community-engaged Environmental Justice & climate change adaptation
- Work rooted in place: PNW/Salish Sea

Now with maritime experience!



Strategic Community Engagement Actions

NORTHWEST PORTS
CLEAN AIR STRATEGY

NORTHWEST PORTS CLEAN AIR STRATEGY 2020



THE NORTHWEST
SEAPORT ALLIANCE
SEATTLE + TACOMA

Northwest Ports
Clean Air Strategy
2021-2025 Implementation Plan

PORT of
vancouver

SEATTLE + TACOMA

Individualized implementation plans tailored to each port's regional communities with more than 60 milestones across both harbors



Establish frameworks for engaging community in meaningful ways



Quarterly progress updates



Community resource guide

Plus: Green Marine Certification



THE NORTHWEST
SEAPORT ALLIANCE

SEATTLE + TACOMA

Quarterly Newsletter: All Things Clean Air!

CLEAN AIR QUARTERLY
ISSUE 4 | MARCH 2023

PORT OF SEATTLE || THE NORTHWEST SEAPORT ALLIANCE || PORT OF TACOMA

LET'S CONNECT!

Welcome to the Ports Clean Air Quarterly newsletter for port-related clean air and climate activities. Each newsletter showcases projects and milestones across our gateway, features a partner who is making a difference in our region, and highlights upcoming opportunities for community engagement, such as bus tours, commission meetings, or webinars.

This edition is our Year in Review, highlighting sustainability successes from 2022. The Port of Tacoma, Port of Seattle, and the Northwest Seaport Alliance (NWSA) have made major strides towards our climate goals and so we look back on the work that made these achievements possible. We also look forward to all that remains to meet our clean air goals and look forward to working with all of you to achieve them.

Onward and upward into 2023!

YEAR IN REVIEW



Aerial photo of the Tacoma Seaport and the Port of Tacoma with Mt. Rainier in the distance.

2022 was a busy year for the Ports' maritime environmental initiatives and as we look toward all we will achieve in 2023, we want to share the brightest and best of what we have accomplished. One of these achievements was that the NWSA instituted its first clean air-focused newsletter (you're reading it right now) which provides a behind-the-scenes look at the work that goes into the deceptively complex tasks of "reaching zero emissions" and "improving air quality."

Many of these projects have been explored in more detail in past issues of this newsletter. If you'd like to learn more, visit nwsaalliance.com/newsroom to view our publication archive.



CLEAN AIR QUARTERLY

SUBSCRIBE NOW TO BE THE FIRST TO KNOW THE LATEST ABOUT OUR CLEAN AIR EFFORTS.



Contact us at nwpcas@portoftacoma.com.

Public Web Portal



CLIMATE IMPACTS

STRATEGIES

ACTIONS

PROGRESS

ENGAGE

WITH NW CLEAN PORTS

An aerial photograph of a busy port. A large container ship is docked at a pier, with its deck covered in stacks of colorful shipping containers. In the background, a large, snow-capped mountain rises above a range of hills. The water is dark blue, and the sky is clear.

Coming Soon!

Public Web Portal



CLIMATE IMPACTS

STRATEGIES

ACTIONS

PROGRESS

ENGAGE
WITH NW CLEAN PORTS

Performed as able In progress Completed On hold Late Canceled

Community Engagement and Partnerships

Industry Engagement and Partnerships

Policy Engagement and Advocacy

Infrastructure Planning and Development

Technology Assessment and Advancement

OGVs

Trucks

Getting Out in the Community!





Port Memories

Presentations:

- GreenTech 2023
- Green Transportation Summit & Expo 2023 Collaborations:
- Kate Nolan | NWSA Communications
- Leah Ammon | PoT Communications
- Peaches Thomas | PoS Community Engagement
- Heather Curbow | PoT Environmental
- Leslie Barstow | PoT Community Engagement
- Mark Miller | PoT IT
- Kalicia Bean | PTOI Sustainability

Special thanks to Anita Fichthorn for helping me to experience different parts of the port.

Thank you, Port family!



Verification Policy after reviewing such existing policies from various comparable industry certification schemes. The new policy sets out the process and requirements for participants reporting on multiple sites together.

It first addresses how individual sites are to be reported and then grouped together for each annual self-evaluation. For the verification required every second year, the policy specifies the requirements for the number of site visits and provides guidelines for reviewing documentation.

The policy's aim is to ensure that the verification of participants with multi-site reports is adequately rigorous across all the grouped sites, while still making the verification process both practical in terms of time and feasible in terms of cost.

Site visits: Participants will be required to increase the number of site visits per verification year based on the total number of locations within the group.

While the new procedures will increase the verification costs for some participants, the applicable membership's consensus deemed that as a fair response to the greater need for more robust verification requirements.

The new policies and the updated verifier accreditation and training process are expected to be in place for the verifications planned for 2024. The Smart Guide online reporting tool is currently being redesigned to facilitate the better aggregation and automation of reporting on multi-site terminals.

Green Marine leader program manager, Elizabeth Barstow, is pictured with participants and verifiers involved in the new policy development process.

2023-24 Fellowship Program (Upcoming)

- Further develop and implement the NWPCAS community engagement program:
 - Implementation of an ongoing community engagement framework;
 - Development and maintenance of NW Clean Ports web portal
 - Coordination of our Ports Clean Air Quarterly newsletter
- Support our efforts to participate in and influence development and implementation of international, federal, and state policies:
 - Climate Commitment Act, Clean Fuel Standard and HEAL Act

Financial Implications

- NWSA cost = \$60,000
- UW provides administrative support and travel/training costs for Fellow
- NWSA contribution to be paid out of AQSP program budget for 2023-2024

ACTION REQUESTED

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