



PORT of OLYMPIA
Serving All of Thurston County

Green Marine: Sustainable Ports

Megan Folkers
Environmental Specialist
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1

Introduction

Green Marine Environmental Certification Program

- Established in 2007, Green Marine is the top environmental certification for the maritime industry.
- The Port of Olympia has maintained involvement since 2016.
- Voluntary program promoting continual progress.
- Uses port-specific performance measures to help reduce environmental impact.



2

2

Program Overview



3



3



1. Annual Self-Evaluation

Criteria:

- Air Emissions - Greenhouse Gas & Pollutants
- Aquatic Ecosystems
- Community Impacts
- Community Relations
- Dry Bulk Handling & Storage
- Environmental Leadership
- Spill Prevention & Stormwater Management
- Underwater Noise
- Waste Management



4

2. External Verification

- Every other year, the Port must complete a successful audit of Green Marine results by a professional verifier.
- Review of Port documentation.
- On-site visit.

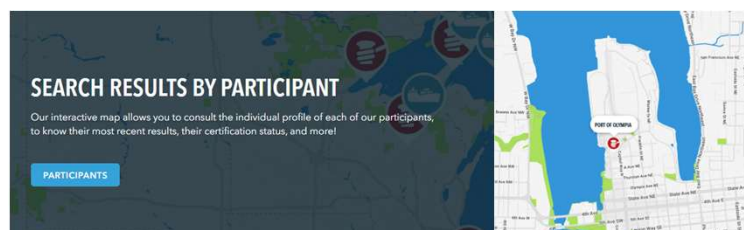
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5

3. Publishing of Results

- Results each year are posted for all participants on the Green Marine webpage.



6



4. Continual Improvement

- To maintain our Green Marine certification, we must show yearly improvement in at least one performance indicator until all indicators reach Level 2 or higher.



7



2024 Improvement

- We achieved a Level 3 Air Emissions performance
 - Calculated greenhouse gas emissions from fuel consumption and cargo handling operations.
 - Utilized the Puget Sound Maritime Emissions Inventory to analyze historical and current air pollutant and GHG data.
 - Evaluated options for replacing petroleum-based products with eco-friendly biofuels.



8

Next Steps

11



11

Program Future

2025 Plan for Improvement – Community Relations

- *"Maintain or improve the quality of relations with various stakeholders through open and transparent communications"*
- 2024 – Level 2
- 2025 – Level 3
 - Environmental activities focused on community benefit
 - Organization and participation of shoreline clean-up activities
 - Public disclosure of strategic plan related to sustainability



12



12

Thank you!
Questions and Comments

13

