



# STORMWATER ACTION CENTER FACT SHEET

## Name of Project:

Port of Tacoma, North Intermodal Yard

## Location:

Port of Tacoma, Washington

## County:

Pierce County

## Watershed:

Green River Municipal Watershed

## Website:

[biocleanenvironmental.com/port-of-tacoma-washington-stormwater-project](http://biocleanenvironmental.com/port-of-tacoma-washington-stormwater-project)

## PORT OF TACOMA, NORTH INTERMODAL YARD – PORT OF TACOMA, WASHINGTON

### OVERVIEW:

After an in-depth engineering and cost analysis it was determined that a stormwater treatment system holding a current General Use Level Designation from Ecology for Enhanced Metals treatment would provide the best result in treating the Port's NIM facility's runoff. Given the above site limitations and water quality (WQ) needs, two Modular Wetlands System Linears (MWS Linear) were chosen to specifically mitigate for these pollutants of concern (POCs). The MWS Linear incorporates a number of steps, namely hydrodynamic separation of incoming sediment, media filtration, and biological filtration via a horizontal flow subsurface wetland.

### BENEFITS:

- The MWS Linear systems provided the Port with a heightened treatment level for TSS, Total Zinc and Turbidity.

### FUNDING SOURCES:

- The Northwest Seaport Alliance (owners of the port)



-  - Bio-Filtration/Green Infrastructure
-  - New/Improved Drainage Infrastructure

