

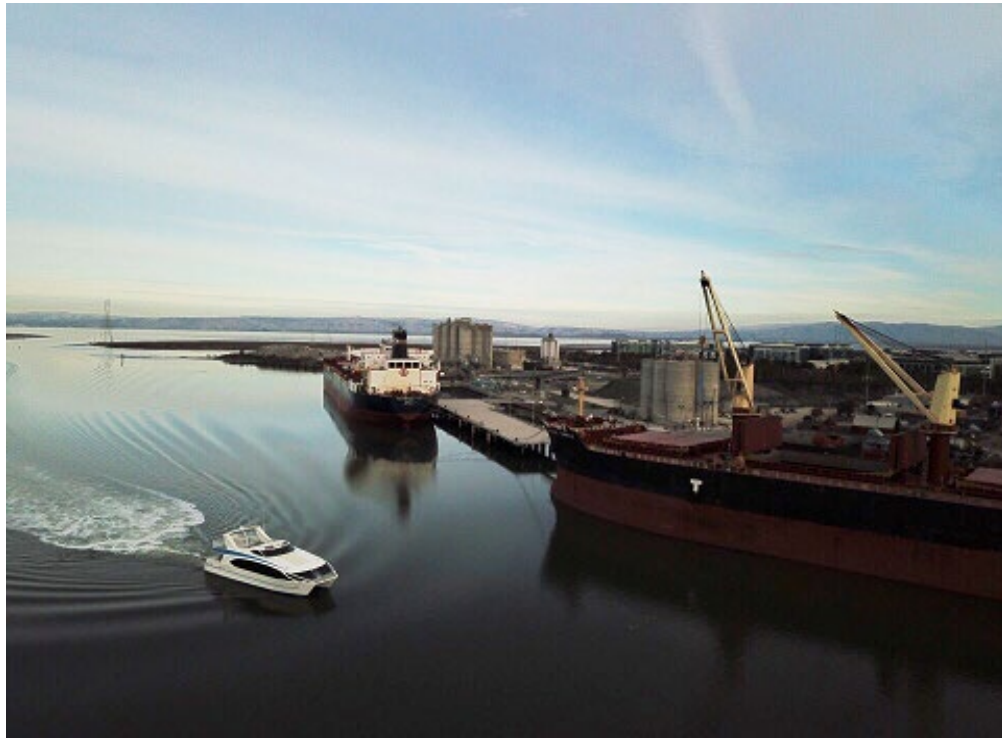


# PORT OF REDWOOD CITY

## SERVING SILICON VALLEY

### ENVIRONMENTAL STEWARDSHIP

While in use since 1851, the Port of Redwood City was founded by City Charter in 1937. The Port of Redwood City serves the Silicon Valley region and is a leading west-coast foreign trade agency. The Port's strategic location fuels the construction industry by moving construction cargo used in the region. The Port of Redwood City specializes in bulk, neo-bulk and liquid cargoes. As the only deep-water port in the South San Francisco Bay, the Port serves Silicon Valley by managing 120 acres of industrial and commercial land, including the Municipal Marina. Annually, the Port fuels economic impact to the region through facilitating cargo across port docks. The Port is looking at new opportunities to serve the Silicon Valley region through approaches that support transportation, emergency response, environmental stewardship and future infrastructure investments. Environmental Stewardship is an important priority and several environmental initiatives and green efforts are underway to support water quality, sea level rise, reuse of dredge materials and more.



### PORT WHARVES RENOVATIONS TO SUPPORT SEA LEVEL RISE

Recently the Port invested \$17M in capital infrastructure to renovate Port wharves to support sea level rise and accommodate larger ships to the Port of Redwood City.

### FEDERAL STAGING AREA DESIGNATION

As result of the wharves renovations and the ability to plan for sea level rise, the federal government, under the Federal Emergency Management Agency, designated the Port as the only South San Francisco Bay federal staging area for the deployment of regional first responders and emergency resources.

### BENEFICIAL REUSE OF DREDGE MATERIALS

Bair Island ecological reserve and a part of the Don Edwards National Wildlife refuge is located in Redwood City, close to the Port of Redwood City. The materials to restore and create habitat at Bair Island, came from dredged material in the Redwood City channel at the Port. The beneficial reuse of dredge materials for wetland restoration and other uses to support sea level rise is a major priority of the Port. The Port is actively working with State and Federal officials to activate a pilot program that would use dredge materials for beneficial uses like wetland restoration.



## CURRENT ENVIRONMENTAL PROGRAMS & INITIATIVES

The Port manages over 120 acres of Port property implementing a variety of environmental programs and initiatives as part of its maritime trade operations. Some of these efforts include:

- Maintaining State and Federal water quality standards
- Replacing utility systems to improve environmental ratings including LED lighting improvements which provide ongoing energy savings to the Port
- Managing a storm water program to reduce storm water runoff and improve water quality in and around the Port of Redwood City
- The Port of Redwood City was one of the first planning areas within the City's jurisdiction to install and utilize recycled water for its landscaping needs

## PORT TENANTS FURTHERING ENVIRONMENTAL FOCUS

Through Port lease arrangements, many tenants are furthering the Port's environmental focus by extending the Port's environmental stewardship initiatives. A few examples include:

**CEMEX-** offers the first step in recycling demolished cementitious products including sidewalks, utility lines, building materials and other cement products, diverting non-hazardous materials from the local landfills. Then CEMEX the crushes and utilizes the concrete materials for future development projects such as fill and underlayment to support new construction.

**Clean Harbors-** offers numerous alternatives to waste disposal by providing a variety of recycling, reuse and reclamation options for hazardous and non-hazardous materials—including solvents, precious metals, chemicals, oil, light bulbs, transformers and other electrical equipment.

**Seaport Refining & Environmental-** treats wastewater and is the leading non-hazardous Class-I wastewater treatment facility in northern and central California. The waste water is treated by a combination of processes that include dissolved air floatation (DAF), sedimentation/solids separation, polymer addition, pH adjustment, centrifuge and activated carbon.

