

WHAT'S NEXT?

Clean Air Plan

Update the Port's Clean Air Plan to advance sustainable freight technologies, improve air quality, remain economically competitive, and advance the AB 617 Community Air Protection Program efforts, in partnership with the San Diego Air Pollution Control District.



Terminal Improvements

TAMT Microgrid construction scheduled to begin in early 2020, will reduce greenhouse gas emissions and electrical utility costs, and improve operational resiliency.

Blue Economy Incubator Projects

Launch the two latest pilot projects with ECONcrete Inc. that will test concrete formed tidepools as an alternative to rip-rap and ecoSPEARS that will test passive removal of contaminants from Bay sediment.

San Diego Bay Wave Monitoring Project

Deploy sensors in San Diego Bay to measure wave activity and predict coastal flooding, in partnership with the Center for Climate Change Impacts and Adaptation at Scripps Institution of Oceanography.

Natural Resource Survey

Conduct bay-wide survey to assess the health of the fish eco-system in San Diego Bay as part of the Integrated Natural Resources Management Plan.



Port of San Diego Environment champions the safekeeping and environmental care of our dynamic waterfront. We are proud to be a leader in protecting our water, air and land to ensure the complete ecosystem of San Diego Bay remains a vital natural resource for generations to come.

The delicate balance of a healthy San Diego Bay ecosystem is upheld through a collaborative network of programs and initiatives, each working on innovative ways to keep our waterfront sustainable.

A YEAR OF ENVIRONMENTAL CHAMPIONSHIP HIGHLIGHTS

- 1

Implemented 5 successful campaigns through the San Diego Gas & Electric (SDG&E) Local Government Partnership to engage employees and Port businesses in energy efficiency and conservation. Over **2,000 individual sustainability actions** were taken across Government, Maritime, Hospitality, and Industrial sectors.
- 2

Provided water quality and biological monitoring efforts for **10 in-water construction projects** within the San Diego Bay.
- 3

Installed **27 electric vehicle charging stations at 3 Port facilities.**
- 4

Launched the **1st** commercial seaweed aquaculture project in San Diego Bay, including the first culinary seaweed operation in the Southern California Bight.
- 5

The Port and California State Lands Commission completed a Preliminary Assessment Report for the San Diego Ocean Planning Partnership outlining **5 recommendations** to inform ocean related decision-making.
- 6

Conducted restoration efforts at Grand Caribe Isle including the planting of **280 native plant species** in partnership with San Diego Audubon Society.
- 7

Funded 10 local non-profit environmental education programs reaching approximately **26,000 youth** within the San Diego Bay watershed.
- 8

Implemented the Terminal Stormwater Action Plan to proactively prevent water quality impacts from activities at the Port's marine terminals, resulting in **11 individual Best Management Practice (BMP) plans**, new monitoring plan, inspection schedule, and **new inlet filters at 71 locations.**
- 9

Became Green Marine Certified, a renowned environmental certification program for the North American marine industry, achieving top rankings in **7 out of 8** environmental categories.
- 10

Completed a comprehensive Sea Level Rise Vulnerability Assessment and Coastal Resiliency Report which identifies an adaptive management framework to reduce coastal flooding and support Public Trust Uses in San Diego Bay, pursuant to AB 691.





#THATSMYBAY: RAISING AWARENESS ON POLLUTION PREVENTION

Continued the successful #ThatsMyBay pollution prevention social media outreach series including short videos with fun, loveable characters who spread the word on how to keep San Diego Bay clean.



‘Stache Your Trash

Featuring:  
Trash Trooper Troy

134,775  
ONLINE VIEWS

Date Posted: 6/18/18



Keep a Monkey Grip on Your Trash

Featuring:  
Hang-On Hank

61,998  
ONLINE VIEWS

Date Posted: 8/14/18



Mime Your Butts!

Featuring:  
Mike the Mime

34,052  
ONLINE VIEWS

Date Posted: 9/13/18



Keep a Lid on It!

Featuring:  
Trash Trooper Trish

55,431  
ONLINE VIEWS

Date Posted: 12/19/18



Bay BroTOCOL

Featuring:  
Brocean Bros

72,741  
ONLINE VIEWS

Date Posted: 02/01/19



Check Yo’ Waterway

Featuring:  
Lil’ Wrapper

119,667  
ONLINE VIEWS

Date Posted: 03/14/19



Keep the Seas Plastic Free!

Featuring:  
Pollution Pirate Pete

67,230  
ONLINE VIEWS

Date Posted: 06/03/19

Combined Social Media Views  
(YouTube & Facebook) as of August 2019 | [youtube.com/portofsandiego](https://www.youtube.com/portofsandiego)

545,894

POUND FOR POUND CLEANUP CHAMPIONS



Removed over **33,000 pounds of trash** from San Diego Bay in one year using the Marine Debris Removal Vessel, an original Blue Economy Incubator Pilot Project.



Participated in and sponsored **five cleanup events** around the Bay and hosted the first annual #ThatsMyBay Service Day, removing approximately **22.6 tons of trash** with the assistance of 1,630 volunteers.



Removed over **3,000 pounds of discarded fishing line and gear**, as well as sunken bikes and scooters around public fishing facilities.

SUSTAINABILITY AT A GLANCE: PORT OPERATIONS



42%

Decrease in  
**Water Use** since  
2008



28%

Decrease in  
**Energy Use** since  
2008



32%

Decrease in  
**Greenhouse Gas Emissions** since  
2008



\$10 MILLION

**saved** due to  
energy and water  
conservation since  
2008



440,000

kilowatt hours of  
**renewable energy**  
produced in 2018

LEVERAGING PARTNERSHIPS  
FOR A GREENER PORT

Granted a \$4.8 million California Natural Resources Agency Urban Greening Grant for the construction of a bicycle and pedestrian multi-use path for the Chula Vista Bayfront.

Installed **9 charging stations** at B Street Cruise Terminal to support electric forklifts for cargo handling in partnership with SDG&E.

Leveraged funds from a \$10 million TIGER grant from the U.S. Department of Transportation for infrastructure improvements at Tenth Avenue Marine Terminal (TAMT). Installed an innovative modular wetland system to capture and treat stormwater from **41.4 acres**, four times above the required 9.3 acres.

Received a \$75,000 SANDAG Environmental Mitigation Program Grant for predator management and monitoring of endangered California least terns and threatened snowy plovers. **109 least tern nests** were observed in the 2019 season.



Printed on Recycled Paper