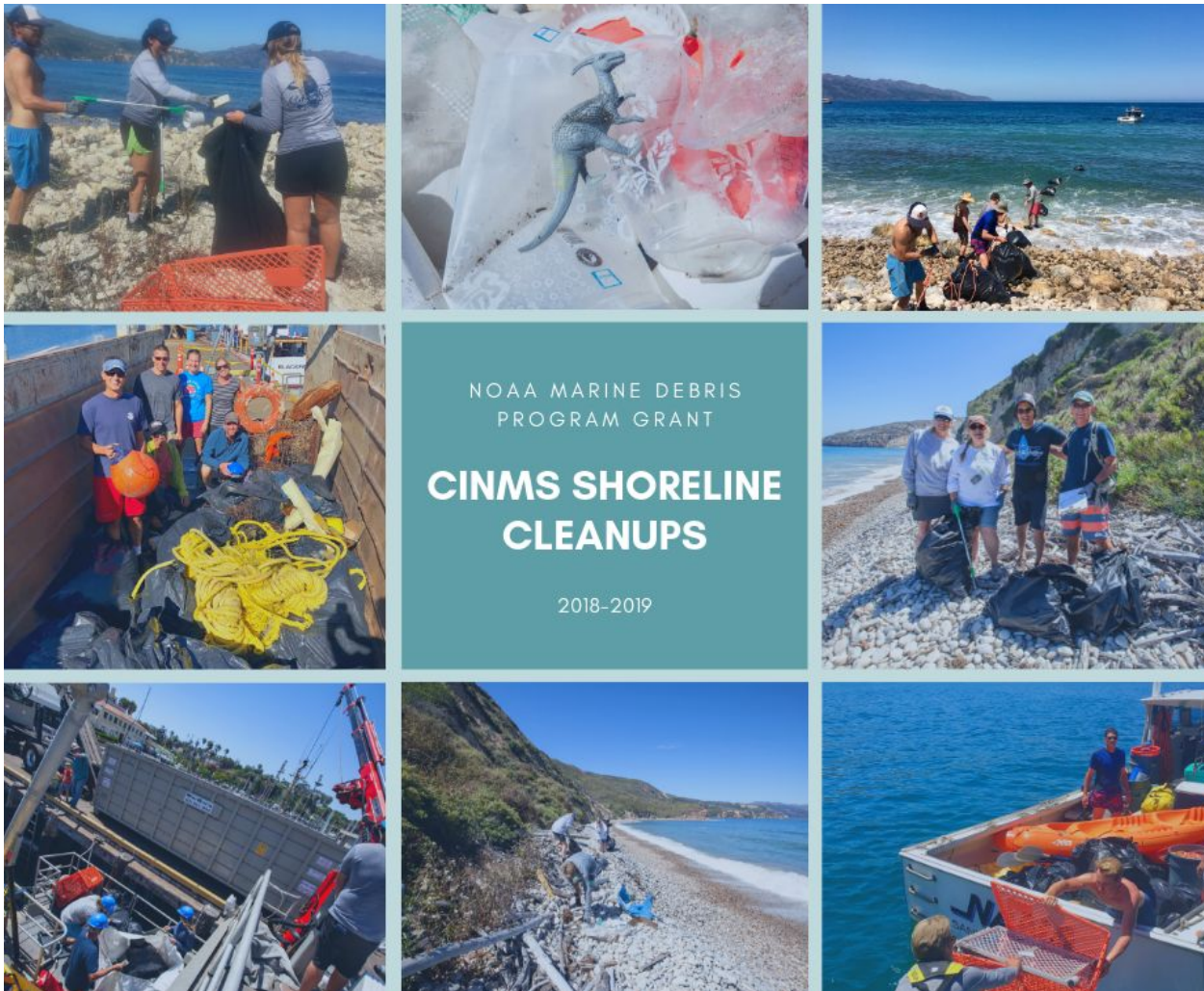

Channel Islands National Marine Sanctuary (CINMS)

Report on the 2018-2019 Shoreline Cleanups

Funding provided by

NOAA Marine Debris Program



Overview

In 2018 and 2019, the NOAA Marine Debris Program (MDP) funded island shoreline cleanups in the Channel Islands National Marine Sanctuary (CINMS). Cleanup dates hosted by the CINMS were chosen to coincide with *Get Into Your Sanctuary* weekend and *California Coastal Cleanup Day*. Commercial fisherman, Chris Voss, hosted another cleanup day at Santa Rosa Island. The cleanups enlisted a total of 92 participants, including CINMS staff and interns, Sanctuary Advisory Council members, National Park Service, California State University, local Santa Barbara lobster fishermen, and other partners.

In total, more than 60 person-days of effort were donated by volunteers to the cleanup efforts, and 8,480 pounds of debris were removed from the shorelines. This grant awarded by NOAA MDP has fostered a productive partnership between CINMS and local commercial lobster fishermen in combining efforts to clean up marine debris.

Background

The CINMS shoreline cleanup program was born out of the California Spiny Lobster Trap Loss Prevention and Recovery Project, funded by NOAA MDP in FY16. This project, developed with the guidance of veteran lobstermen from the region, identifies key best fishing practices to reduce the loss of lobster traps within the fishery and minimize the impacts of lost lobster gear. In partnership with NOAA MDP, California Department of Fish and Wildlife (CDFW), California State University Channel Islands (CSUCI), Channel Islands National Park (CINP), the SeaDoc Society, and veteran lobsterman, CINMS worked to develop best fishing practices to reduce future trap loss, create and fortify stakeholder relationships and partnerships, and organize community island cleanup efforts. These community cleanup efforts at the Channel Islands continued with NOAA MDP's funding of shoreline cleanups in 2018 and 2019.

Methods

Using lobster fishing vessels and NOAA's R/V Shearwater, cleanup crews were transported out to Santa Cruz Island to cleanup the shorelines around Chinese Harbor and Pink Ribbon/Yellowbanks. The lobstermen devised an ingenious system with their vessels'

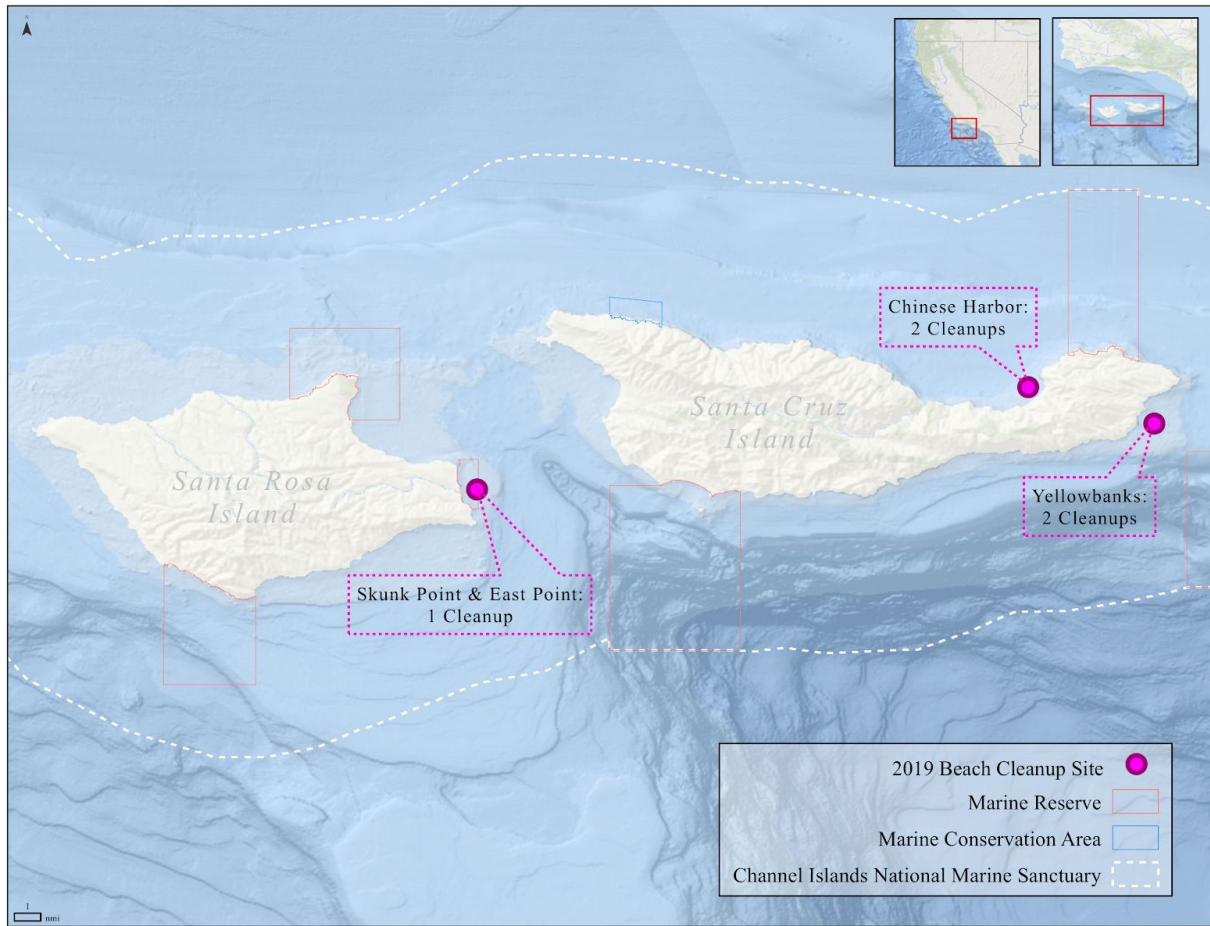
hydraulic pulley to retrieve bagged debris from the shore. All debris was then transported back to the mainland and deposited into a dumpster back at the Santa Barbara Harbor for sorting of recyclables and trash.

Budget

Budget Line Item	Amount
NOAA R/V Shearwater & Crew - 4 days @ \$3,000/day	\$12,000
Commercial Fishermen Vessel Support - 8 days @ \$1,700/day	\$16,000*
Cleanup Supplies/Support (trash bags, work gloves, kayak rental, etc.)	\$2,000
Total Budget	\$30,000
<i>National Marine Sanctuary Foundation Overhead (Commercial Fishing Vessel Support) - 15% of \$16,000</i>	<i>*\$2,400</i>
<i>In-kind Support - NOAA and partner staff</i>	<i>60 person-days</i>

Results

Item	Total
Cleanup Events (#/days)	5
Debris Removed (lbs)	8,480
Lobster Traps Removed (#)	135
Participants (#)	92
Participating Fishermen	Sam Shrout, Chris Voss, Jim Colomy
Fishermen Vessel Trips (#)	8
NOAA R/V Shearwater Vessel Trips (#)	4
Organizations Involved (#) - details below	7



Cleanup Dates/Locations

July 12, 2018

Event: Commercial Lobstermen Chris Voss led cleanup

Location: Skunk Point and East Point, Santa Rosa Island

Amount Cleaned: 2 miles of shoreline

Participants: Commercial Lobstermen

July 12, 2018

Event: Get Into Your Sanctuary Weekend

Location: Pink Ribbon/Yellowbanks, Santa Cruz Island

Amount Cleaned: 1 mile of shoreline

Participants: CINMS and Commercial Lobstermen

September 14, 2018

Event: Coastal Cleanup Day

Location: Chinese Harbor, Santa Cruz Island

Amount Cleaned: 2 miles of shoreline

Participants: CINMS and Commercial Lobstermen

August 2, 2019

Event: Get Into Your Sanctuary Weekend

Location: Chinese Harbor, Santa Cruz Island

Amount Cleaned: 2 miles of shoreline

Participants: CINMS and Commercial Lobstermen

September 21, 2019

Event: Coastal Cleanup Day

Location: Yellowbanks, Santa Cruz Island

Amount Cleaned: 1 mile of shoreline

Participants: CINMS and Commercial Lobstermen

Partner Organizations

Channel Islands National Marine Sanctuary

Channel Islands National Park

US Coast Guard

California State University - Channel Islands

Commercial Lobstermen

NOAA Marine Debris Program

CINMS Advisory Council Members

Next Steps

CINMS and its partners would like to see these shoreline cleanups become an established yearly program. Next steps could include identifying specific stretches of shoreline in most need of cleaning up in order to prioritize and ensure efficient cleanup efforts. In the future, this program could also assist with some of the objectives of the original California Spiny Lobster Trap Loss Prevention and Recovery Project. These objectives include increasing efforts to locate and quantify lobster traps already lost in the marine environment and on our beaches, and continuing to engage veteran lobstermen directly, both in preventing gear loss in the first place, and removing it from the environment.