

***Issued MBNMS Permits, Amendments and Authorizations
(2/7/2020 to 4/13/2020)***

Report created for the

April MBNMS Office Report, in lieu of the

Monterey Bay National Marine Sanctuary Advisory Council Meeting

Letter of Authorization (LOA) under MBNMS-2019-001

Permit Type: Authorization

Permit Holder Name (Affiliation): Steve Lonhart (MBNMS)

Authorized Activity Description: Alteration of the submerged lands of the Sanctuary to collect *Pachycerianthus* sp. (tube-dwelling anemones) and *Eudistylia* sp. (feather duster worms) using hand trawls or suction systems and collection of *Balanophyllia elegans* (orange cup corals) using a hand-held tool such as a chisel or knife; Placement on the submerged lands to deploy a tripod with camera to collect 360 degree underwater images; and Small scale manipulation or removal of sanctuary resources for sanctuary research purposes, consistent with and benefiting the sanctuaries' goals and purposes.

Authorized Activity Location: Within MBNMS

Permitted dates: March 27, 2020 through December 31, 2021

MBNMS-2020-008

Permit Type: Authorization

Permit Holder Name (Affiliation): John Robertson (Regional Water Quality Control Board)

Authorized Activity Description: for the Waste Discharge Requirements NPDES General Permit For Discharges From Aquaculture Facilities and Aquariums, Order No. R3-2019-0001.

Authorized Activity Location: Within MBNMS

Permitted dates: March 27, 2020 through January 31, 2024

MBNMS-2016-020-A1

Permit Type: SUP

Permit Holder Name (Affiliation): Barry Keeler (Santa Cruz Yacht Club)

Project Title: Santa Cruz Yacht Club (SCYC) temporary Marks and Buoys

Project Location(s):

1. Start/ Finish: Approximately 36° 57.0' N, 121° 59.7' W; Depth of approximately 42 feet
2. Natural Bridges: Approximately 36° 56.6' N, 122° 3.7' W; Depth of approximately 62 feet
3. Wharf Mark: Approximately 36° 56.9' N, 122° 1.3' W; Depth of approximately 52 feet
4. Black Beach/Point: Approximately 36° 57.2' N, 121° 59.3' W; Depth of approximately 36 feet

5. Mitchell Cove: Approximately 36° 56.7' N, 122° 2.3' W; Depth of approximately 40 feet
6. SC3 replacement buoy: Approximately 36° 56.4' N, 121° 58.0' W; Depth of approximately 60 feet

Permitted Activity: Discharge and recovery of six (6) round buoys and their moorings and placement of associated anchors on the non-living substrate of the soft submerged lands of MBNMS. The buoys are used as marks for various club racing events, and for impromptu, public Wednesday night social racing activities.

Permitted dates: March 2, 2020 through November 1, 2021

Comments/Notes: No fee assessed since the additional buoy will replace MBNMS managed Motorized Personal Watercraft (MPWC) zone buoy marked "SC3" until August/September 2020

MBNMS-2020-006

Permit Type: Research

Permit Holder Name (Affiliation): Chris Scholin (Monterey Bay Aquarium Research Institute)

Project Title: Monterey Bay Aquarium Research Institute (MBARI) 5-year Research Permit

Project Location(s): within Monterey Bay National Marine Sanctuary and a limited number of activities are allowed within the Davidson Seamount Management Zone (DSMZ; see DSMZ section of Special Terms and Conditions).

Permitted Activity: Altering the submerged lands of the Sanctuary, constructing, placing, or abandoning structures, materials, or other matter on or in the submerged lands of the Sanctuary, and discharging or depositing from within or into the Sanctuary material or other matter to conduct a large and diverse suite of marine research projects within MBNMS. Moving, removing, taking, collecting, catching, disturbing, breaking, cutting, or otherwise injuring, or attempting to move, remove, take, collect, catch, harvest, disturb, break, cut, or otherwise injure, any Sanctuary resource located more than 3,000 feet below the sea surface within the Davidson Seamount Management Zone and possessing any Sanctuary resource the source of which is more than 3,000 feet below the sea surface within the Davidson Seamount Management Zone to conduct research within MBNMS.

Permitted dates: February 28, 2020 through February 28, 2025

Comments/Notes: Replaces MBNMS-2015-002

MBNMS-2020-003

Permit Type: Research

Permit Holder Name (Affiliation): Kerstin Wasson (Elkhorn Slough National Estuarine Research)

Project Title: To conduct a variety of long-term monitoring programs in Elkhorn Slough

Project Location(s): Elkhorn Slough within MBNMS

Permitted Activity: Alteration of and placement on submerged lands of MBNMS for deploying otter trawls, beach seines, anchors, traps and pots, PVC pipes, stakes and taking cores; and Discharge of bait within traps, and temporary discharge of settlement tiles, water quality sondes and floats attached to traps for various research and long-term monitoring projects to inform conservation and management strategies to better protect estuarine ecosystems.

Approximately ten (10) low overflights annually by Unmanned Aircraft Systems (UAS) at no less than 30 meters Above Sea Level (ASL) within the NOAA Regulated Overflight Zone overlapping

Elkhorn Slough in order to obtain aerial imagery and digital elevation models of estuarine habitats.

Permitted dates: February 13, 2020 through February 13, 2023

Comments/Notes: The majority of the permitted activities (except the UAS flights) have been permitted in the past under MBNMS-2007-009 (A1 and A2).

MBNMS-2020-001

Permit Type: Research

Permit Holder Name (Affiliation): John Joseph (Naval Postgraduate School)

Project Title: Naval Postgraduate School Tactical Oceanography Laboratory

Project Location(s): MBNMS

Permitted Activity: This permit authorizes alteration of the submerged lands of the sanctuary for the deployment and retrieval of an instrumented research subsurface mooring, abandonment of approximately two (2) sandbag weights and collection of approximately 20 quarts of sediment using a Van Veen sediment sampler. The permit also authorizes the temporary discharge of autonomous underwater gliders for approximately six (6) glider missions of up to four (4) weeks, two (2) Autonomous Underwater Vehicle (AUV) missions, four (4) navigation transponders to track the AUV, and approximately six (6) drifting acoustic receiver buoy missions per year. In addition, this permit authorizes the temporary discharge of four (4) expendable mobile underwater acoustic sources per year in support of Naval Postgraduate School Oceanography (NPS) course. (See Special Term and Condition #2 for further details).

Permitted dates: February 10, 2020 through December 31, 2022.

Comments/Notes: The majority of the permitted activities have been permitted in the past under MBNMS-2013-18 (A1 and A2) and MBNMS-2015-001 (A1 through A3).

MBNMS-2020-004

Permit Type: Research

Permit Holder Name (Affiliation): Dane Hardin (Applied Marine Sciences)

Project Title: Central Coast Long-Term Environmental Assessment Network (CCLEAN): Collection of Nearshore Ambient Water Samples and Sediment Samples

Project Location(s): soft bottom habitat in MBNMS

Permitted Activity: Placement on the soft submerged lands of the sanctuary, temporary discharge and alteration of the submerged lands for the deployment and removal of two instrumented research moorings two (2) times per year to determine the status and trends in the quality of nearshore ambient waters within MBNMS and Alteration of soft submerged lands of the sanctuary to collect sediment samples (approximately 0.1 m² of soft sediment each) at up to eight (8) sites annually with a Van Veen sampler to analyze the collected sediments for persistent organic pollutants and benthic organisms.

Permitted dates: February 7, 2020 through February 7, 2025.

Comments/Notes: The moorings have been historically permitted by MBNMS and permittee provides Notice to Mariners to the United States Coast Guard.

If you are interested in learning more about a specific permit, amendment or authorization action, please contact:

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