

***Issued MBNMS Permits, Amendments and Authorizations
(2/14/2018 to 4/5/2018)***

***Report created for the
April 20, 2018***

Monterey Bay National Marine Sanctuary Advisory Council Meeting

MBNMS-2018-005

Permit Type: Research

Permit Holder Name (Affiliation): Anne Dekas (Stanford University)

Project Title: Field Trip for Stanford Course ESS 210: Techniques in Environmental Microbiology

Project Location(s): Sandy substrate of Monterey Bay

Permitted Activity: Alteration of soft submerged lands to collect two sediment samples (approximately 0.25 m³ of soft sediment) with a Van Veen sampler as part of a graduate level course on environmental microbiology.

Permitted dates: April 9, 2018 and April 14, 2018

Comments/Notes: Previous permit MBNMS-2017-012

MULTI-2017-010-A2

Permit Type: Research

Permit Holder Names (Affiliation): Dr. Mark Carr and Dr. Pete Raimondi (University of California, Santa Cruz)

Project Title: Partnership for Interdisciplinary Study of Coastal Oceans (PISCO)

Project Location(s): GFNMS and MBNMS

Permitted Activity: Alteration of the submerged lands and temporary discharge related to the installation, maintenance, and recovery of scientific instrumentation and equipment to conduct large scale, long-term subtidal and intertidal monitoring studies of coastal oceanographic processes, and rocky intertidal and kelp forest communities throughout the Sanctuaries.

Permitted dates: April 1, 2018 to April 1, 2021

Comments/Notes: Multiple Sanctuary permit for which MBNMS is the processing lead. Permittees have CDFW SCP and have had ONMS permits dating back to 1999. A2 added 2 intertidal study sites in GFNMS and 3 subtidal study sites in Elkhorn Slough in MBNMS plus a time extension was incorporated.

MBNMS-2017-033-A2

Permit Type: Authorization

Permit Holder Name (Affiliation): Michael Thomas (Caltrans)

Project Title: Revised MBNMS authorization, MBNMS-2017-033-A2, for Caltrans Highway Repair at Mud Creek Landslide Complex, Post Mile Marker 8.8; Authorization of California Coastal Commission Emergency Coastal Development Permit G-3-18-0005

Project Location(s): Mud Creek Landslide Complex

Permitted Activity: Caltrans now plans to also construct approximately 1,500 linear feet of rock slope protection (RSP) that will be 37 feet deep and 31 feet tall, and which will be placed across the toe of the slide and above the mean high tide line. Excavated slide material will be placed atop the RSP and back-filled up the slope to create a stable embankment beneath the highway travel lanes. The project does not involve any direct ocean or off-site disposal of slide material

so there will be no direct placement of rocks in MBNMS. However, it is anticipated that as wave action on the toe continues to erode the slide, the rocks will likely come to reside in Sanctuary waters. The head of the toe is in waters 60 feet deep or more, which is a high-energy ocean environment and erosion is expected to continue in this area of the slide. Lastly, all construction activities will take place above mean high water.

Permitted dates: January 24, 2018 through January 24, 2019

Comments/Notes: Previous permit MBNMS-2017-033-A1

MBNMS-2018-002

Permit Type: research

Permit Holder Names (Affiliation): Kevin Smith, Ph.D. and Paul Leary, Ph.D. (Naval Postgraduate School)

Project Title: Autonomous System Deployments for Environmental Monitoring

Project Location(s): Within Monterey Bay pelagic environment and on the soft substrate of MBNMS

Permitted Activity: Discharge and recovery of Wave Gliders and buoys, both drifting and moored, with associated passive acoustic sensors and placement on the soft submerged lands of the Sanctuary of moorings for the buoys, an acoustic modem echo-repeater mooring and a passive acoustic monitoring system for approximately four (4) one-week missions per tool per year and annual abandonment on the submerged lands of the Sanctuary of up to eight (8) biodegradable burlap sack sand bags to test equipment and conduct environmental monitoring.

Permitted dates: February 28, 2018 and February 28, 2019

Comments/Notes: One of the applicants, Kevin Smith, has previously been issued MBNMS permits and amendments for similar work: MBNMS-2013-005, MBNMS-2013-028 through MBNMS-2013-028-A2 and MBNMS-2016-022. The R/V Fulmar will be used to deploy and recover the gliders as in the past.

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

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