

***Issued MBNMS Permits, Amendments and Authorizations
(10/1/2018 to 11/28/2018)***

***Report created for the
December 14, 2018***

Monterey Bay National Marine Sanctuary Advisory Council Meeting

MBNMS-2007-030-A11

Permit Type: Research

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

Project Title: Monterey Accelerated Research System (MARS) supplemental research projects not analyzed in the EIR/EIS

Project Location(s): These projects will be connected to the trawl resistant science node at the end of the MARS cable, or conducted within the vicinity of the cable within MBNMS.

Permitted Activity: Alteration of the submerged lands and discharge for the installation, monitoring, use, continued placement, maintenance, repair, and removal of scientific equipment upon the seafloor for use in conjunction with the existing Monterey Accelerated Research System (MARS) cable.

Permitted dates: December 1, 2018 through December 1, 2020

Comments/Notes: Amended to add the live video feed to the whale falls project (MBNMS-2018-013) and separate out DeepSea Connect project

MBNMS-2013-011-A4

Permit Type: Authorization

Permit Holder Name (Affiliation): Tom Luster (Energy, Ocean Resources, and Federal Consistency Division) and Ian Crooks (California American Water)

Subject/Location: NOAA's Monterey Bay National Marine Sanctuary Authorization of California Coastal Commission Coastal Development Permit Amendment No.: 9-14-1735-A4 and A-3-MRA-14-0050-A4 to California American Water Company to operate and decommission a test slant well at the CEMEX site in the City of Marina, County of Monterey.

Permitted Activity: With this current amendment application, Cal-Am seeks an amendment to Special Condition 6 to allow Cal-Am to conduct limited periodic maintenance pumping until February 28, 2020.

Permitted dates: through February 28, 2020

MBNMS-2018-002-A1

Permit Type: research

Permit Holder Name (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: January 1, 2019 and December 31, 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.

MBNMS-2018-035

Permit Type: Special Use Permit

Permit Holder Name (Affiliation): Charles Kurtmen (Stillwater Yacht Club)

Project Title: Stillwater Yacht Club Harbor Moorings

Project Location(s): within the mooring field of the Stillwater Yacht Club

Permitted Activity: Discharge and recovery of 23 seasonal single-point buoys in Stillwater Cove and placement on the submerged lands of the anchors of those buoys to establish moorings for use by Stillwater Yacht Club owners and/or sponsored research or enforcement projects.

Permitted dates: November 1, 2018 through November 1, 2023

Comments/Notes: Fee assessed

MBNMS-2018-040

Permit Type: Research

Permit Holder Name (Affiliation): Dr. Amy Wagner (California State University - Sacramento)

Project Title: Marine Geology field trip

Project Location(s): Monterey Bay

Permitted Activity: Alteration of soft submerged lands to collect up to eight (8) sediment samples, each of approximately 0.5 cubic meters of soft sediment, with a grab sampler to process marine sediment samples for microfossil and grain size analysis.

Permitted dates: October 19, 2018 through October 20, 2018

Comments/Notes: Confirmed that sites do not overlap with MARS cable

MBNMS-2018-038

Permit Type: Research

Permit Holder Name (Affiliation): Dr. Carl Lamborg (University of California, Santa Cruz)

Project Title: Mercury in Monterey Bay Canyon Sediments

Project Location(s): within the vicinity of Monterey Canyon in Monterey Bay

Permitted Activity: Alteration of soft submerged lands to collect 50 gram sediment samples at 16 sites (approximately 800 grams of soft sediment total) with a Gomex sampler to analyze the methylation of mercury in submarine canyons.

Permitted dates: October 15, 2018 through October 15, 2019

Comments/Notes: Confirmed that sites are outside of Soquel Canyon SMCA

MULTI-2018-007

Permit Type: Research

Permit Holder Name (Affiliation): Elizabeth Clarke (NOAA National Marine Fisheries Service)

Project Title: West Coast Deep-Sea Coral Initiative (WCDSCI), Shimada October 2018

Project Location(s): CBNMS: EFH proposal area named "Cordell Bank Modification 3" and within the Rockfish Conservation Area (RCA) Northeast of Cordell Bank; GFNMS: Point Arena Biological Area (PABA) south Point Arena Modification South; MBNMS: East of Sur Ridge, Sur

Canyon Slot Canyons and La Cruz Canyon/West of Piedras Blancas; and CINMS: Northeastern side of Santa Cruz Island and North side of Anacapa Island, in depths of 50 to 300 meters

Permitted Activity: The following activities are authorized by this permit to characterize deep-sea habitats and deep sea coral biology, ecology, life history and responses to human impacts to better protect and conserve deep-sea coral and sponge ecosystems: Alteration of submerged lands of the sanctuaries for collection of biological and geological samples and landing the ROV, Collection of sponges and corals after consultation with the lead scientist by the watch lead or ROV pilot, Collection of invertebrates, other than sponges and corals, and shells, Collection of up to 4 scoops of up to 500 ml of sediment each, per ROV dive, Collection of up to 2 push cores per ROV dive, and Collection for up to 3 rocks per ROV dive; Discharge and recovery of one (1) NMFS Seabed AUV for daytime operations to survey the seafloor; and Take and possession of sanctuary resources within CINMS Federal Marine Reserves, Collection of deep sea corals after consultation with lead scientist by the watch lead or ROV pilot

Permitted dates: October 9, 2018 through November 8, 2018

Comments/Notes: Permittee holds NMFS LOA for incidental take

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

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