

MBNMS Permit Report

March 26, 2010



MULTI-2010-001

Effective Date:04/01/2010 Expiration Date:12/31/2012

Project Title:Introduced Species Study

Applicant Name:Dr. Stacy Kim

Affiliation:Moss Landing Marine Laboratories

Project Summary:

The Marine Invasive Species Act of 2003, as specified in Chapter 491, Statutes of 2003 stipulates that the California Department of Fish and Game (CDFG) conduct appropriate studies necessary to develop a list of non-indigenous aquatic species (NAS) occurring in the marine and estuarine waters of the state. The CDFG's Office of Spill Prevention and Response (OSPR) will provide the lead role for the NAS investigations. OSPR had identified potential areas along the outer California coast from the Oregon border to Mexico and in San Francisco Bay as well as other major bays, harbors and ports in the state to conduct field and laboratory studies for the presence of NAS. These areas include a variety of natural habitat types such as rocky reef, sandy beaches and muddy soft bottom as well as man-made and floating structures. Outer Coast site locations include prominent headlands that are proximate to shipping lanes as well as other locations where ballast water exchange could likely result

Latest Event:

02/26/2010 Application withdrawn by applicant

MULTI-2009-005-A1

Effective Date:09/21/2009 Expiration Date:12/31/2011

Project Title:Ecology and populations dynamics of white sharks in the north eastern Pacific

Applicant Name:Dr. Barbara Block

Affiliation:Stanford University

Project Summary:

Sharks will be attracted to the surface using a seal decoy and lured close to a small research boat. To overcome its fear of the boat, the researchers will dispense a small amount of marine mammal blubber scent into the water to heighten the shark's hunger motivation. Satellite and acoustic tags will be placed externally using a dart applied to the dorsum. To estimate foraging success and energy budgets, a small number of stomach tags will be deployed internally via feeding with the tag wrapped in a piece of seal or whale meat (under NMFS authorization). Shark attracting will occur



each season within sanctuary waters between September 1 and March 1 except at the Farallon Islands where field work will extend no later than Nov 30. Individuals will be catalogued and monitored using individual fin morphology images taken with still and video cameras.

Over the next 2 years up to 100 individuals may be tagged broken down by tag/sample type as follows: Acoustic tags: 40 per year - up

Location Description –

Shark attraction activities in the GFNMS offshore Pt Reyes and Farallon Islands and in MBNMS off Ano Nuevo Island, California.

Latest Event:

12/08/2009 Additional information requested

MBNMS-2010-010

Effective Date:02/15/2010Expiration Date:05/29/2011

Project Title:Authorization of CA Coastal Commission CDP for seawall and seacave project in Capitola. The CC approved this project on 10/07/09.

Applicant Name:Mr. Richard & Nancy Swan

Affiliation:Green Valley Corporation

Project Summary:

The project is to fill a sea cave with erodable concrete in order to protect the Swan residence, which is in danger of failure. The CC approved a CDP which eliminates the existing condition prohibiting future shoreline armoring that applies to the Green Valley Corporation property and allows construction of an approximately 115-ft section of contoured concrete seawall fronting the Green Valley Corporation property and adjacent to an existing seawall on the Swan property.

Location Description - Proposed:

Construction at the toe of the bluff below 4850 Cliff Drive, Capitola

Latest Event:

03/05/2010 Authorization issued

MBNMS-2010-009 -

Effective Date:04/15/2010 Expiration Date:05/31/2011

Project Title:Latitudinal variations in the population dynamics of the seaweed limpet *Lottia inessa* and its host kelp *Egregia menziesii*



Applicant Name:Ms. Evelyne Sui Ling Kuo

Affiliation:University of California, Davis

Project Summary:

This research includes the installation, maintenance, and recovery of scientific equipment including, bolts, wall anchors, temperature data loggers, stainless steel cages, and associated equipment in the rocky intertidal to determine latitudinal variations in the population dynamics of the limpet (*Lottia innessa*) and its host kelp (*Egregia menziesii*).

Location Description - Proposed:

Rocky intertidal habitats:

Terrace Point (UCSC Long Marine Lab/Younger Lagoon Reserve)

West Beach at Hopkins Marine Life Refuge (Lovers Point SMR)

Stillwater Cove (Carmel Bay SMCA)

Latest Event:

03/04/2010 Permit issued

MBNMS-2010-007

Effective Date:07/05/2010 Expiration Date:08/01/2015

Project Title:The Feast of Lanterns Annual Fireworks Celebration in Pacific Grove

Applicant Name:Ms. Sue Renz

Affiliation:Pacific Grove Feast of Lanterns

Project Summary:

Fireworks will be fired from the recreational trail at the foot of Fountain Avenue at approximately 9:15 pm. PyroSpectaculars is the vendor, and will be detonating 567 pyrotechnic shells.

Location Description - Proposed:

Fireworks will be fired from the recreational trail at the foot of Fountain Avenue

Latest Event:

01/19/2010Application received

MBNMS-2010-006 - Pending

Effective Date:07/01/2010 Expiration Date:10/01/2010

Project Title:Limekiln State Beach Rock Slope Protection Project



Applicant Name:Ms. Cecilia Boudreau

Affiliation:Caltrans

Project Summary:

Caltrans is proposing a project to repair the existing rock slope protection (RSP) located along the northern 1/3 of Limekiln State Beach. Limekiln State Beach is located along State Route (SR) 1 at post mile 21.1 near Big Sur, Monterey County.

The ocean side embankment, which houses the north abutment of Limekiln Creek Bridge, is continually exposed to high energy surf and erosion due to its close proximity to the ocean and nearly vertical slope, see Attachment A: Site Photos. Previous attempts at protecting the embankment from coastal erosion include two crib walls, an attenuation wall and rock slope protection.

The embankment has been armored by existing RSP on three occasions since the mid 1990's. The objective of placing the RSP was to protect the existing northern crib wall, which is continuously being battered by high surf. Previous placements of RSP as large as 12+ ton rocks have been pulled offshore by the tractive forces of wave action.

Location Description - Proposed:

The portion of the project that lies on or below the MHW can be seen in Layout Sheet 1 of Attachment A: Project Mapping,=. Longitude is -121.52058005W. Latitude is 36.00918659N.

Latest Event:

02/17/2010 Authorization issued

MBNMS-2009-034

Effective Date: Expiration Date:

Project Title:Base Line Studies

Applicant Name:Ms. Eleanor Rewerts

Affiliation:California Ships to Reefs, Inc. (CSTR)

Project Summary:

The stated research proposal of the "Base Line Studies" is two-fold. In brief, the first phase of the study would include SCUBA surveys to collect base line data on the proposed sink site (north of Monterey breakwater) and control site (off Del Monte Beach) at least one year prior the sinking event. The second phase of the study would continue similar SCUBA surveys on the artificial reef and control site to establish what occurs on the new reef, how the reef affects the existing nearby reef(s), and by what mechanism life on the new reef is recruited and becomes established. The



surveys would include installation of stainless steel screw anchors (or rods), transect lines, and quadrats on the seafloor.

Location Description - Proposed:

Southern Monterey Bay

Coordinates:

36 36.638N, 121 53.409W

36 36.193N, 121 53.117W

Latest Event:

03/03/2010 Application denied

MBNMS-2009-014

Effective Date: Expiration Date:

Project Title: State Parks MPWC Search & Rescue Operations, Monterey District

Applicant Name: Mr. Eric Abma

Affiliation: California Department of Parks & Recreation, (CDPR)

Project Summary:

Develop and maintain public agency MPWC SAR operating skills critical for hazardous incident response at sea under adverse conditions. Public safety agencies bordering the MBNMS have a primary mission to protect and save human life in coastal waters within sanctuary boundaries. SAR professionals have found MPWC to be uniquely suited for rescuing people in distress from high surf and nearshore areas due to the vessels' high-speed, shallow draft, instant thrust capabilities, and excellent maneuverability and survivability in high-energy ocean environments. In order to maximize use and safe operation of these craft under such conditions, a robust training and proficiency curriculum must be maintained in the area where the craft will be deployed for emergency response. Operators must be familiar with the areas and sea conditions they will be called upon to enter under duress to complete search and rescue missions. Public agency SAR activities directly assist the sanctuary program

Location Description - Proposed:

Area of Responsibility (AOR): Shoreline and coastal waters from the Pajaro River to Garrapata Creek.

Training will occur within the Asilomar State Marine Reserve and adjacent to the California Coastal National Monument, Salinas River National Wildlife Refuge, Salinas River State Beach, Fort Ord Dunes State Park, Monterey South Dunes Beach, Monterey State Beach, and Asilomar



State Beach.

Training will also occur within the MBNMS coastal Overflight Restriction Zone at Moss Landing.

Latest Event:

04/02/2009 Additional information received

MBNMS-2008-027

Effective Date: Expiration Date:

Project Title: Pacific Grove Bathhouse Remodel, addition, and ADA improvements to Lovers Point Park

Applicant Name: Ms. Sarah Hardgrave

Affiliation: City of Pacific Grove

Project Summary:

The proposed project includes a remodel and addition to the Old Bathhouse restaurant building and construction of ADA improvements to the building and adjoining path and walkways. The project includes renovation of the existing building to allow expansion. The existing public restrooms will be removed and relocated. The project also includes replacement of fencing, modifications to the volleyball court, and interpretive signage.

Location Description - Proposed:

The project site encompasses a portion of Lovers Point Park located in the City of Pacific Grove, adjacent to the south shore of the Monterey Bay

Latest Event:

10/20/2008 Additional information received

MBNMS-2006-005

Effective Date: Expiration Date:

Project Title: Duke Energy Moss Landing Power Plant NPDES Permit

additional information needed

Applicant Name: Honorific RWQCB

Affiliation: Regional Water Quality Control Board



Project Summary:

Ocean discharge from the power plant. The Moss Landing Power Plant NPDES permit has been on Administrative Extension since October 2005. Water Board staff plans to propose a renewed NPDES for the facility in 2007, after the federal court issues its decision regarding litigation over Clean Water Act Section 316(b) regulations.

Also the existing permit for the MLPP is still in litigation due to a lawsuit by Voices of the Wetlands.

A renewed MLPP permit will not be enacted until the courts resolve these issues.

Location Description - Proposed:

Moss Landing Power Plant
Ocean Outfall

Latest Event:

09/15/2006 Additional information requested

