

MBNMS Permit Activity Report
August 1, 2007

MBNMS-2007-019

Effective Date: tbd

Expiration Date: tbd

Project Title: Stillwater Pier Maintenance and Repair Project

Applicant Name: Ms. Cheryl Burrell

Affiliation: Pebble Beach Company Planning Department

Project Summary:

The concrete pile foundations supporting the Stillwater Cove pier have abraded at their base due to wave run-up induced pebble and sand abrasion. This past spring when beach sand levels were very low due to winter beach sand scour conditions, piles slightly above and below the water line were exposed enough to allow inspection of the concrete sections that have significantly abraded since installation.

Location Description - Proposed:

Stillwater Cove pier, Pebble Beach Co.

Coordinates:

Latest Event:

07/26/2007 Additional information requested

MBNMS-2007-018

Effective Date: tbd

Expiration Date: tbd

Project Title: Effects of Tegula Grazing on the Productivity and Reproductive Output of the Giant Kelp, *Macrocystis pyrifera*, in Central California

Applicant Name: Ms. Selena McMillan

Affiliation: Moss Landing Marine Laboratories

Project Summary:

The purpose of this study is to evaluate how the most abundant kelp forest herbivore in central California, the turban snail *Tegula*, affects the productivity, reproductive output, and survivorship of *Macrocystis pyrifera* within Californian giant kelp forests. The effects of the most abundant of this grazer genus, *Tegula pulligo*, will be investigated using experimental field manipulations of *M. pyrifera* sporophytes at Stillwater Cove in Carmel and the Monterey Bay Aquarium, offshore Cannery Row.

Location Description - Proposed:

Latest Event:

07/27/2007 Additional information received

MBNMS-2007-017 - Pending

Effective Date: 08/01/2007

Expiration Date: 06/01/2008

Project Title: Evaluating the "zone of impact" of land runoff in the Monterey Bay National Marine Sanctuary

Applicant Name: Ms. Lauren Garske

Affiliation: University of California, Davis

Project Summary:

This project is directed at understanding how oceanographic circulation transports pollutants from land runoff (including rivers) to coastal ecosystems. Studies would be comprised of: (i) identification of high priority areas based on nearshore circulation patterns; (ii) water quality sampling and assessment at selected sites using a combination of time-series monitors and grab samples, and (iii) spatial surveys of water quality and bio-indicators.

Location Description - Proposed:

This sampling will be done between the outward edge of the surf zone and approximately 1km offshore near the following sites (coordinates are general):

San Lorenzo Rivermouth (36.964 N, 122.033 W)
Soquel Creek (36.962 N, 121.953 W)
Pajaro Rivermouth (36.851 N, 121.811 W)
Salinas Rivermouth (36.750 N, 121.809 W)
Carmel Rivermouth (36.534 N, 121.931 W)

Latest Event:

07/17/2007 Additional information received

MBNMS-2007-016 - Active

Effective Date: 07/09/2007

Expiration Date: 06/30/2012

Project Title: Coastal Data Information Program (CDIP) Monterey Canyon Outer Buoy

Applicant Name: Ms. Julie Thomas;

Affiliation: University of California at San Diego UCSD SIO Sc

Project Summary:

The location of the buoy would provide the wave parameters for this area. Monterey Bay is a complex area to measure waves due to the Canyon. By installing a buoy at this site, data and wave models will be provided to the maritime community in order to enhance marine safety. The buoy transmits real-time wave data which can be viewed by the public at <http://cdip.ucsd.edu>.

Location Description - Proposed:

Monterey Canyon Outer Station 156

8 Miles WSW of Moss Landing
Proposed location: 36° 45.6' N 121° 56.8' W
Water depth: 92 Fathoms

Latest Event:

07/06/2007 Permit issued
07/05/2007 Application deemed complete

MBNMS-2007-015

Effective Date: 06/19/2007

Expiration Date: 06/25/2007

Project Title:Peppermill Casino Filming in the MBNMS

Applicant Name:Mr. Joe Kukler

Affiliation:Peppermill Casinos Inc

Project Summary:

PCI would like to film through MBNMS the morning of June 19 traveling from Monterey Bay to Cambria on Hwy 1, Using only existing vista points on Hwy 1 to view the Sanctuary. Peppermill Casino Inc. (PCI) provides HD footage for all formats by traveling to exotic and scenic locations to film landscape footage in all three formats. PCI's cinematographers never alter the setting, capturing the surrounding in its raw beauty. No actors are hired, no scripting is done. PCI is proud to show footage from world-class locations in a "window into the world" view. Our set up is simply to set tripods down and shoot. No alteration of any location is done in any way. No lighting is done, no special needs are required. Peppermill Casinos staff is responsible for all articles and leaves nothing behind.

Location Description - Proposed:

from Monterey Bay to Cambria on Hwy 1.

Coordinates:

Latest Event:

06/08/2007 Permit not required

MBNMS-2007-013 - Active

Effective Date: 07/04/2007

Expiration Date:07/05/2010

Project Title:San Mateo County Harbor District's annual Independence Day fireworks display

Applicant Name:Mr. Dan Temko

Affiliation:Pillar Point Harbor

Project Summary:

A maximum of 1014 aerial display shells will be ignited during the one-hour show. The aerial display will consist of shells which typically explode anywhere from 250 to 1200 feet above ground level (AGL).

Location Description - Proposed:

Pillar Point Harbor

Coordinates:

Latest Event:

06/13/2007 Permit signed copy received

MBNMS-2007-011

Effective Date: 07/06/2007

Expiration Date:07/06/2012

Project Title:RWQCB NPDES Permit No. CA0047996 for the Carmel Area Wastewater District

Applicant Name:Mr. Matthew Keeling

Affiliation:Regional Water Quality Control Board RWQCB

Project Summary:

The Carmel Area Wastewater District is currently discharging treated sewage pursuant to Order No. R3-2002-026. This application is essentially a renewal of existing operations with some improvements to management practices.

Location Description - Proposed:

within Carmel Bay

Coordinates:

36 32' 00" N
121 55' 43" W

Latest Event:

07/09/2007 Additional information requested

MBNMS-2007-010

Effective Date: tbd

Expiration Date: tbd

Project Title:Car Wreckage Removal Via Helicopter

Applicant Name:Mr. Troy Garber

Affiliation:Aris Helicopters

Project Summary:

Using a Sikorsky S-58 helicopter Aris plans to lift an automobile wreckage off the shoreline at the 58th mile marker along Highway 1 in Big Sur near the area known as Hurricane Point. Aris ground personnel will arrive on site at least two hours prior to the lift at approximately 0530 or 0600 to survey the site and rig items to be lifted. The aircraft will arrive on site (from Moffett Field) at approx 0800.

Location Description - Proposed:

at mile marker 58 along Highway 1 within the vicinity of Hurricane Point.

Coordinates:

Latest Event:

04/26/2007 Additional information requested

MBNMS-2007-007

Effective Date: 10/01/2007

Expiration Date: 11/01/2007

Project Title:Deployment of two prototype instruments known as station keeping buoys, which harness their energy from either wind, wave, or solar energy.

Applicant Name:Dr. Marcia McNutt

Affiliation:MBARI Monterey Bay Aquarium Research Institute /

Project Summary:

The goal of this project is to conduct engineering and performance tests on these buoys. Additionally there would be approximately four acoustic tests (154db).

This project is sponsored by the Defense Advanced Research Projects Agency (DARPA/ DoD) with support activities provided by MBARI.

Location Description - Proposed:

within the Monterey Bay

Coordinates:

Latest Event:

02/09/2007 Additional information received

MBNMS-2006-032

Effective Date: tbd

Expiration Date: tbd

Project Title:Cambria Community Services District (CCSD) Desalination Project; Proposed Geotechnical Investigation Activities

Applicant Name:Mr. Robert Gresens

Affiliation:Cambria Community Services District

Project Summary:

The CCSD is proposing to conduct geotechnical and hydrogeological activities within the MBNMS at San Simeon State Beach as it relates to a potential future desalination facility.

An USACE EA will be prepared for this project.

Location Description - Proposed:

San Simeon State Park Beach

Coordinates:

Latest Event:

12/01/2006 Additional information requested

MBNMS-2006-031 - Active

Effective Date: 06/15/2007

Expiration Date:09/01/2007

Project Title:USACE Federal Maintenance Dredging at Moss Landing Harbor

Applicant Name:Mr. Bill Brostoff

Affiliation:US Army Corps of Engineers

Project Summary:

The US Army Corps of Engineers is the lead agency for this project. The USACE completed a Draft EA for this project. The proposed project is to remove approximately 50,000 cys of accumulated dredged material with a hydraulic cutter-head dredge or possibly a hopper dredge and discharge it either for beach nourishment or at the recently-relocated SF-12 disposal site.

The proposed work includes the maintenance dredging of 45,000 cubic yards (cu.yds.) of shoaled sediment in the Moss Landing Harbor federal channels with beach and ocean disposal as follows: (1) 13,500 cu.yds. of clean sandy material from the entrance channel will be disposed as beach nourishment at the historically used South Spit Beach disposal site, a 500-foot-long section of beach located immediately north of the old Sandholdt Pier site; and (2) 31,500 cu.yds. of clean silty material from the Entrance and Lagoon Channels will be disposed at the EPA-approved SF-14 offshore disposal site, located 1.3 nautical miles offshore.

Location Description - Proposed:

Disposal of dredged material either at the beach nourishment location outside of MBNMS jurisdiction, or at SF 14.

Coordinates:

Latest Event:

06/15/2007 Authorization issued

MBNMS-2006-030

Effective Date: tbd

Expiration Date: tbd

Project Title:City of Santa Cruz Pilot Desalination Facility

Applicant Name:Ms. Linette Almond

Affiliation:Santa Cruz City Water Department

Project Summary:

The CCC has received an application for a proposed pilot-scale desalination test facility to be constructed and operated by the City of Santa Cruz Water Department. The purpose of the proposed pilot scale facility is to allow for the gathering of information needed for the design and construction of a potential future full-scale Seawater Reverse Osmosis Desalination Plant.

Location Description - Proposed:

The proposed pilot-scale desalination project is located on University of California property within the City limits of Santa Cruz.

Coordinates:

Latest Event:

07/27/2007 Additional information received

MBNMS-2006-023-A1 - Active

Effective Date: 07/29/2006

Expiration Date:08/01/2010

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

Applicant Name:Ms. Colleen Greenlee

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

Coordinates:

Latest Event:

07/24/2007 Amendment issued

MBNMS-2006-009

Effective Date: tbd

Expiration Date: tbd

Project Title:Filming of the movie "Oceans"

Applicant Name:Mr. Johann Mousseau

Affiliation:Galattee Films

Project Summary:

They are in the production stage of a movie entitled "Oceans" which will film ocean creatures from around the world and highlight problems facing oceans today.

ADDITIONAL INFO REQUESTED....

Location Description - Proposed:

within the MBNMS

Coordinates:

Latest Event:

11/22/2006 Additional information requested

MBNMS-2006-008

Effective Date: tbd

Expiration Date: tbd

Project Title:Sink a Wreck Project

Applicant Name:Dr. Harry Wong

Affiliation:Chiropractor

Project Summary:

The proponents of this project are evaluating 5-10 sites for the sinking of a decommissioned US Navy ship (approximately 300+ feet in length) within the MBNMS. Their ideal location would allow for a 5-10 minute boat ride, and would be within recreational diving depth.
additional information required....

Location Description - Proposed:

tbd

Coordinates:

Latest Event:

02/23/2006 Additional information requested

MBNMS-2006-005

Effective Date: tbd

Expiration Date: tbd

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. Th 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

Coordinates:

Latest Event:

09/15/2006 Additional information requested

MBNMS-2005-018-A4 - Active

Effective Date: 05/04/2007

Expiration Date:12/31/2009

Project Title:PISCO Partnership for Interdisciplinary Studies of Coastal Oceans

Applicant Name:Mr. Peter Raimondi

Affiliation:PISCO Partnership for Interdisciplinary Studies of

Project Summary:

To conduct scientific investigations by installing, maintaining, and recovering, moorings, mooring arrays, instrument platforms, quadrat stations, transects, individual Acoustic Doppler Current Profilers, vexar cages, and associated equipment in order to study physical oceanography, fish movement, detritus, intertidal studies,and biodiversity.

Location Description - Proposed:

throughout the MBNMS

Coordinates:

Latest Event: 07/31/2007Additional information received