

MBNMS Permit Activity Report
June 8, 2007

MBNMS-2007-014 - Pending

Effective Date: 09/01/2007

Expiration Date: 08/31/2009

Project Title: "Limits to ecophysiological plasticity in dynamics environments: Sharks' use of estuarine habitats in relation to salinity changes."

Applicant Name: Mr. Wes Dowd

Affiliation: University of California, Davis

Project Summary:

Acoustic receivers will be moored on the bottom of Elkhorn Slough, but they will be removed at the end of the study.

Objectives include: 1. examining the movements of leopard sharks in Elkhorn Slough in relation to salinity changes using passive acoustic telemetry techniques. 2. Interpret these behavioral movement patterns with reference to molecular and organismal physiological markers of salinity stress observed in captive leopard sharks.

Location Description - Proposed:

Within the MBNMS at Elkhorn Slough...

The receiver array will span the full length of Elkhorn Slough's main channel up to Hudson's landing, and it will include several receivers within the Northeast and Southwest Channels of ESNERR.

Coordinates:

Latest Event:

06/07/2007 Permit issued

MBNMS-2007-013

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:

05/16/2007 Application received

MBNMS-2007-012 - Active

Effective Date: 06/01/2007

Expiration Date: 12/31/2008

Project Title: Introduced Species Study

Applicant Name: Dr. Russell Fairey

Affiliation: Moss Landing Marine Labs/San Jose State University

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 (DFG) will conduct several studies, including a supplemental survey to augment the baseline data of Non-indigenous Aquatic Species (NAS) that was developed under the Ballast Water Management Act of 1999. The DFG Office of Spill Prevention and Response (OSPR) is the lead for this investigation.

The proposed survey will focus on the intertidal and subtidal habitats of the open coast. This project is important for further understanding of any NAS found along the outer California coastline as well as potential vectors of arrival, which will lead to Legislative decision-making processes.

A field sampling program to investigate intertidal and subtidal communities along the exposed outer California coast was designed and conducted during the June 2004 - February 2005 period and will continue in 2007. Sampling includes the use of qualitative

Location Description - Proposed:

Fitzgerald Marine Reserve - N 37.52309, W -122.51788 (these coordinates are the boundary points for our rocky intertidal samples taken during previous sampling in 2004). The coordinates for the boundary points for our sandy intertidal samples taken during previous sampling in 2004 are N 37.55889, W -122.731111. We will also be taking sandy subtidal samples from approximately the same lat/longs as previously sampled in 2004 (N 37.49457, W -122.47228

Ano Nuevo State Park – N 37.11199, W-122.32938 (these coordinates are the boundary point for our rocky intertidal samples taken during previous sampling in 2004). The coordinates for the boundary points for our sandy intertidal samples taken during previous sampling in 2004 are N 37.122222, W -122.333056. We will also be taking sandy subtidal samples from approximately the same lat/longs as previously sampled in 2004 (N 37.111, W -122.32016).

Pigeon Point State Park – N 37.18273, W -122.39123 (these coordinates are the boundary point for our rocky intertidal samples taken during previous sampling in 2004). The coordinates for the boundary point for our sandy intertidal samples taken during previous sampling in 2004 are N 37.430833, W -122.486944. We will also be taking sandy subtidal samples from approximately the same lat/longs as previously sampled in 2004. (N 37.18093, W -122.39149).

Point Sur – N 36.28136, W -121.86365 (these coordinates are the boundary point for our rocky intertidal samples taken during previous sampling in 2004).). The coordinates for the boundary point for our sandy intertidal samples taken during previous sampling in 2004 are N 36.350556, W -121.921389. We will also be taking sandy subtidal samples from approximately the same lat/longs as previously sampled in 2004. (N 36.78189, W -121.86829).

Coordinates:

Latest Event:

05/25/2007 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:

04/04/2007 Additional information received

MBNMS-2007-010

Effective Date:

Expiration Date:

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-2007-001 - Active

Effective Date: 04/11/2007

Expiration Date: 01/11/2010

Project Title: Temporary presence of two gabion walls at 12901 Cabrillo Hwy, Pescadero while residence is relocated

Applicant Name: Mr. Andrew Kampe

Affiliation:

Project Summary:

Temporary authorization for the presence of two gabion walls to replace two failed sections of an historic seawall to protect a single family residence, until such time that the residence is relocated to a safe distance from the bluff edge.

PROJECT LOCATION: 12901 Cabrillo Highway, Pescadero, San Mateo County.

Location Description - Proposed:

on the beach below 12901 Cabrillo Highway, Pescadero, California

Coordinates:

Latest Event:

04/16/2007 Permit signed copy received

MBNMS-2006-032

Effective Date:

Expiration Date:

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

Applicant Name: Mr. Robert Gresens

Affiliation: Cabria 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

Effective Date: 01/01/2007

Expiration Date: 03/01/2007

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.

Location Description - Proposed:

disposal of dredged material either at the beach nourishment location outside of MBNMS jurisdiction,
or at SF 12.

Coordinates:

Latest Event:

11/07/2006 Additional information requested

MBNMS-2006-030

Effective Date:

Expiration Date:

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 recieved 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:

05/04/2007 Additional information requested

MBNMS-2006-019-A1 - Active

Effective Date: 07/04/2006

Expiration Date: 07/05/2010

Project Title: Annual July 4 Fireworks event at Shamel Park

Applicant Name: Mr. Jerry McKinnon

Affiliation: American Legion Cambria Post 432

Project Summary:

Fireworks are planned to be displayed at the Shamel Park in Cambria on the beach. The fireworks will be displayed for approximately 45 minutes.

The site has been used annually for a small Independence Day fireworks display on July 4, which lasts approximately 20 minutes. The launch site is on a sandy beach at Shamel County Park, and the aerial shells are aimed to the west. Immediately north of the launch site is the mouth of Santa Rosa Creek and Lagoon. The marine venue is preferred for optimal public access and to avoid the fire hazard associated with terrestrial display sites. The fireworks display occurs at the height of the dry season in central California, when area vegetation is particularly prone to ignition from sparks or embers.

Location Description - Proposed:

Shamel Park in Cambria

Coordinates:

Latest Event:

06/06/2007 Amendment issued

MBNMS-2006-009

Effective Date:

Expiration Date:

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:

Expiration Date:

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:

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. 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:

04/19/2007 Additional information received

MBNMS-2002-020-A4 - Active

Effective Date: 04/26/2007

Expiration Date: 09/30/2010

Project Title: Rip Current Experiments (RIPEX)

Applicant Name: n/a Edward Thornton

Affiliation: Naval Postgraduate School

Project Summary:

The objectives are to measure offshore waves, rip currents, and underlying bathymetry at three energetically different sites. This permit allows for the installation of scientific instrumentation which will be cabled to shore; operation of motorized personal watercraft outside the usage zones; Operation of an All Terrain Vehicle (ATV) to conduct beach topography studies; Discharge of a Rhodamine WT tracer dye offshore Del Monte Beach, Sand City, and Marina to be used to study rip currents; all for marine research purposes within the Monterey Bay National Marine Sanctuary

Amendment #4 includes the temporary discharge of autonomous underwater vehicles equipped with an ADCP and spectrometer, as part of project enhancement for a period of approximately six weeks.

All other project conditions will remain the same.

Location Description - Proposed:

offshore Del Monte Beach, Sand City and Marina
& from Wharf 2 to the Salinas River.

Coordinates:

Latest Event:

04/25/2007 Amendment issued