

# **MBNMS Permit Activity Report**

**November 27, 2002**

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2001-002**

**Ms. Rachel Lather  
County of Santa Cruz**

### **East Cliff Drive Cliff Stabilization**

*Permit Period:* No permit dates entered

*Activity:* Alteration of the seabed.

*Type Of Permit:* Authorization of other agency permits

*Permit Status:* review

*App.status:* additional information needed

*Location:* Santa Cruz County. Seawalls in two locations, one from 33rd Avenue to 36th avenue, and

*Summary:* Seawalls in two locations, one from 33rd Avenue to 36th avenue, and the other near the terminus of 41st Avenue.

*Abstract:* Seawall Details (33rd ave- 36th ave) Length of wall = 1100 feet x height of wall 35 feet ASL = a surface area of 38,500 sq. feet.

Seawall details (41st ave) length of wall = 300 feet x height of wall 46 feet ASL = area of 13,800 sq. feet.

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**MBNMS-2002-020-A1**

**Edward Thornton  
Naval Postgraduate School**

### **Rip Current Experiments (RIPEX)**

*Permit Period:* 10/1/2002 to 9/30/2005

*Activity:* Operating motorized personal watercraft outside operating zones.

*Type Of Permit:* Research related to Sanctuary resources and qualities

Alteration of, or construction or placement

*Permit Status:* amendment issued

*App.status:* additional information received

*Location:* offshore Sand City & Marina

*Summary:* the objectives are to measure offshore waves, rip currents, and underlying bathymetry at two energetically different sites. By Installation, maintenance, and recovery of Wave-Rider buoys and an Acoustic Doppler Current Profiler (ADCP), installing and recovering a cable 3/8-inch

*Abstract:* the long-term measurements of waves measured by wave buoys and ADCP, breaking wave patterns to infer bathymetry and in situ bathymetry measurements are planned to better understand rip currents.

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-028**

**USACE**

**Moss Landing Harbor**

**Moss Landing Harbor Dredging Project-- Non-Federal Areas**

*Permit Period:* No start date entered; ends      *Activity:* Discharge or deposit (within the  
*Type Of Permit:* Authorization of other agency      Sanctuary).  
permits

*Permit Status:* awaiting USACE Public Notice      *App.status:* additional information requested

*Location:* SF 12, beach nourishment

*Summary:* this permit would allow disposal of harbor sediments at the rate of 100,000 cubic yards per year slated for disposal as beach nourishment or at SF12.

*Abstract:* more info needed

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### **MBNMS-2002-030**

**Dr. Marlene Noble**

**US Geological Survey**

**Deployment of three moorings in Monterey Submarine Canyon**

*Permit Period:* 12/1/2002 to 12/31/2003      *Activity:* Discharge or deposit (within the  
*Type Of Permit:* Research related to Sanctuary      Sanctuary).  
resources and qualities

*Permit Status:* permit issued      *App.status:* additional information requested

*Location:* canyon

*Summary:* Moorings are proposed in order to determine sediment transport and circulation patterns in the lower reaches of the canyon.

*Abstract:* Each mooring will be deployed in water depths from 800 to 1500m. the moorings will measure water column characteristics from below the canyon rim to the canyon bed. the moorings will be designed to determine if currents increase and water clarity decreases near the canyon bed. all moorings will have temperature, and down-ward looking Acoustic Doppler Current Profilers

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-031**

**Dr. Stacy Kim  
Moss Landing Marine Labs MLML**

#### **Characterization of the Benthic and Planktonic Communities of Elkhorn Slough for SIMoN**

*Permit Period:* 10/1/2002 to 10/31/2007      *Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit issued

*App.status:* additional information requested

*Location:* Elkhorn Slough

*Summary:* This work will employ researchers funded by SIMoN to develop a circulation model for Elkhorn Slough

*Abstract:* Cores will be collected within the elkhorn Slough. Cores are 10cm in diameter, and 15 cm deep. The cores will be taken by hand. 100 cores are expected to be collected over the next five years.

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### **MBNMS-2002-032**

**Jonathan Toal  
Kinnetic Laboratories Inc.**

#### **Sand City Water Supply Project Baseline Intertidal Benthic Biota Sampling Program**

*Permit Period:* 10/1/2002 to 2/28/2003      *Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit issued

*App.status:* additional information received

*Location:* Sand City

*Summary:* Baseline intertidal benthic biota sampling will be conducted to assess the status of the intertidal benthic community. sampling will be conducted along three transects. Transects will represent the predicted and 2 areas outside this zone as reference sites.

*Abstract:* This work will provide and assessment of whether brine discharge from the proposed Sand City desalination facility into the injection well will have any impact of fish, shellfish, and/or benthic organisms in the surf zone. it will be necessary to disturb the seabed and collect approximately 50 gallons of sand.

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-036**

**Ed Oyama**

**Monterey Regional Water Pollution Control**

#### **Ocean Outfall Inspection and Maintenance**

*Permit Period:* Starts: 10/30/2002; no end

*Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Authorization of other agency permits

*Permit Status:* permit not required

*App.status:* application received

*Location:* Ocean Outfall

*Summary:* to perform diver-based inspection and maintenance on our Ocean Outfall as required by the Monitoring and Reporting Program described in NPDES Permit No. 0048551.

*Abstract:*

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### **MBNMS-2002-037**

**Mary Langenfeld**

**Baldwin Productions**

#### **Commercial Overflight at Pigeon Point Lighthouse for TV commercial**

*Permit Period:* 10/4/2002 to 10/5/2002

*Activity:* Overflights below 1,000 feet in restricted areas.

*Type Of Permit:* Special use

*Permit Status:* application withdrawn

*App.status:* application received

*Location:* Pigeon Point Light

*Summary:* Overflight of 400 feet above sea level ASL

*Abstract:*

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-038**

**Edwin Grosholz**  
**University of California at Davis**

#### **Monitoring the Abundance of the Introduced European Green Crab in Elkhorn Slough**

*Permit Period:* 11/15/2002 to 8/31/2004      *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit issued

*App.status:* application received

*Location:* Elkhorn Slough

*Summary:* to measure the relative abundance of the green crab in Elkhorn Slough

*Abstract:* monitoring will involve deploying traps at 4 sites upon the seabed in the slough for a 24-hour period

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### **MBNMS-2002-039**

**Dr. Marcia McNutt**  
**Monterey Bay Aquarium Research Institute**

#### **Installation of an advanced cabled observatory in the monterey bay canyon**

*Permit Period:* Starts: 11/1/2004; no end date      *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:*

*App.status:* additional information requested

*Location:* Monterey Submarine Canyon

*Summary:* the MARS ( Monterey Accelerated Research System) cabled observatory will include one science node on 62 km of submarine cable. Details on proposed cable installation method pending.

*Abstract:* this project proposes to install an advanced cabled observatory in order to provide a remote, continuous, ong-term, large-bandwidth infrastructure for multidisciplinary, in-situ exploration, observation, and experimentation in the deep sea. This system will have the ability to operate over a 30-year lifetime.

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2002-040**

**Gregg Albright  
Caltrans**

**CCC amendment to Caltrans permit extending permit 3-97-039-A2 for placement of rip rap between post mile 63.9 and 65.9 near Piedras Blancas to 2007**

*Permit Period:* 8/16/2002 to 5/15/2007

*Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Authorization of other agency permits

*Permit Status:* permit issued

*App.status:*

*Location:* San Simeon, San Luis Obispo

*Summary:* This authorization is essentially an extension of permit MBNMS-2001-045 which expired 08-15-02. no expanded placement of rock is planned.

*Abstract:* To install rock slope protection within the intertidal zone of the Monterey Bay National Marine Sanctuary (MBNMS) adjacent to California Highway 1 milepost SLO-1-PM65.9, SLO-1-PM65.4, SLO-1-PM63.9 in San Luis Obispo County, California.

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