

# **MBNMS Permit Activity Report**

**September 25, 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-2001-033**

**Steve Davenport  
UCSC Long Marine Lab**

### **NMFS / UCSC Seawater Intake Project**

*Permit Period:* No permit dates entered

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

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

Discharge or deposit (within the

*Permit Status:* review

*App.status:* additional information requested

*Location:* Long Marine Lab, SC County

*Summary:* The University currently operates an ocean intake/ seawater system at the Long Marine Lab, but the existing system does not have the production capability to accommodate NOAA's need. Plans are proposed to add a new seawater intake, upgrade seawater filtering and provide greater

*Abstract:* three 16-inch new intake pipes will protrude approximately two feet out of the vertical cliff face under water with a coarse screen secured onto the pipe ends. these intake lines will be put into place by horizontal boring through the mudstone bedrock from a vertical excavated caisson just over 50 feet inland of the cliff face, lining the boring with a plastic pipe, and filling the

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2001-053**

**Colonel Kevin M. Rice**  
**DOD, Department of the Army**

### **Emergency Operations involving Removal of Stillwell Hall**

*Permit Period:* 9/1/2002 to 3/30/2003

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

*Type Of Permit:*

*Permit Status:* CCC denial of project

*App.status:*

*Location:* stillwell hall, former fort ord, Monterey

*Summary:* Continuous coastal bluff erosion and storm surge activity have resulted in undermining the southwest corner of the building. The foundation has been further exposed to the elements and rendered susceptible to failure

*Abstract:* The project scope involves the demolition of Stillwell Hall, removal of the protective rock material placed directly below the building covering the bluff and shoreline, and allowing for the restoration of the site to a natural state.  
the building would be demolished while working material away from the bluff to prevent debris from falling onto the beach and potentially entering the ocean. protective construction barriers will be

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**MBNMS-2002-012**

**Mr. Marcus Monte**  
**Monte Foundation**

### **Monte Foundation fireworks**

*Permit Period:* 10/12/2002 to 10/12/2002

*Activity:* Discharge or deposit (within the Sanctuary).

*Type Of Permit:* Authorization of other agency permits

*Permit Status:* permit issued

*App.status:* application received

*Location:* Seacliff beach at the cement ship

*Summary:* the monte Foundations fireworks event is scheduled for October 12, 2002 at Seacliff State Beach at the cement ship. the fireworks will start at approximately 8 pm and last for 25 minutes

*Abstract:* Pyrotechnic information to be delivered to mbnms in august

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-020**

**Edward Thornton  
Naval Postgraduate School**

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

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

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

*Activity:* Operating motorized personal watercraft outside operating zones.  
Alteration of, or construction or placement

*Permit Status:* review

*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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### **MBNMS-2002-026**

**RWQCB  
Regional Water Quality Control Board**

#### **General NPDES Permit for discharges from Aquaria and Aquaculture**

*Permit Period:* 9/20/2002 to 9/20/2007

*Type Of Permit:* Authorization of other agency permits

*Activity:* Discharge or deposit (within the Sanctuary).

*Permit Status:* comment letter sent

*App.status:* staff report rec'd

*Location:* central coast

*Summary:* Permit for the flow-through water for facilities that contain, grow, hold, or study aquatic animals

*Abstract:* The waste discharges that would be permitted under this General Permit: involve similar threats to water quality, discharge similar types of waste, require similar effluent limitations, require similar monitoring.

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-027**

**Arijas A. Rakstins**

**USACE, US Army Corps of Engineers**

**dredge disposal from the Federal Channel area within the Moss Landing Harbor**

*Permit Period:* 9/10/2002 to 10/10/2002      *Activity:* Discharge or deposit (within the Sanctuary).  
*Type Of Permit:* Authorization of other agency permits

*Permit Status:* comments on draft EA sent

*App.status:*

*Location:* SF 12

*Summary:* the proposed project is for the maintenance dredging of Moss Landing Harbor. the federal project consists of dredging the entrance channel to a depth of -15 feet with an additional -1 foot overdepth

*Abstract:* the project as outlined could use a hydraulic cutterhead to remove 40,295 cubic yards of sandy and silty material from the entrance channel. the volumes indicated would be for the year 2002.

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

**USACE**

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

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

*Permit Status:* review

*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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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **MBNMS-2002-029**

**Steve Scheiblaue**

#### **Monterey Harbor dredging**

*Permit Period:* 9/11/2002 to 9/11/2007      *Activity:* Discharge or deposit (within the Sanctuary).  
*Type Of Permit:* authorization of other agency permit

*Permit Status:* no permit req'd, disposal above MHW      *App.status:*

*Location:* Monterey

*Summary:* This project proposes to dispose 10,000 cubic yards of dredge spoils above the mean high tide line of Del Monte Beach for beach nourishment purposes. Dredge spoils not suitable for beach disposal shall be disposed of at an upland location (Marina Landfill).

*Abstract:* CCC permit states that all dredge disposal, suitable for beach nourishment and greater than 80% sand, must be disposed of on Del Monte beach above the mean high tide.

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

**Dr. Marlene Noble**

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

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

*Permit Status:* review      *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**

**SIMoN**

**Moss Landing Marine Labs MLML**

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

*Permit Period:* 10/1/2002 to 12/30/2003      *Activity:* Alteration of, or construction or placement on, the seabed.

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

*Permit Status:* application review complete

*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**

#### **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:* application review complete

*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-2002-033**

**John O'Sullivan  
Monterey Bay Aquarium**

### **Monterey Bay Aquarium Substrate Collection**

*Permit Period:* 10/15/2002 to 10/15/2007    *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Educational, natural or historic resource value

*Permit Status:* review

*App.status:* application received

*Location:* within the Monterey Bay

*Summary:* the MBA request permission for a 5-year permit to collect substrate.

*Abstract:* Collection will be done in both the intertidal and subtidal areas of the monterey Bay. All collections will be done in a manner that minimizes any impact on animal and plant life. Small hand tools and varied collect sites will be used.

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**MBNMS-2002-034**

**RWQCB**

### **Waste Discharge Requirement (WDR) for local sewage collection agencies tributary to Monterey Regional Wastewater Plant**

*Permit Period:* Starts: 11/1/2002; no end date    *Activity:* Discharge or deposit (within the Sanctuary).  
*Type Of Permit:* WDR

*Permit Status:* comment letter sent

*App.status:*

*Location:* tributary to Monterey Regional Wastewater Plant

*Summary:* This order sets specific sewer collection system operation and maintenance requirements, regulates the collection systems described in the WDR, and upholds State Water Quality Standards.

*Abstract:*

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MULTI-2002-002**

**Dr. Peter Dutton  
NOAA**

**low altitude overflights for detection and capture of leatherback sea turtles**

*Permit Period:* 7/1/2002 to 12/31/2005      *Activity:* Overflights below 1,000 feet in restricted areas.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* MBNMS permit issued      *App.status:* additional information received

*Location:* within MBNMS & GFNMS, along 50 fathom curve

*Summary:* the purpose of this study is to determine abundance, habitat utilization, migratory behavior and foraging ecology of leatherback turtles in CA waters.

*Abstract:* aerial surveys will be coordinated with ongoing mammal surveys conducted under GFNMS/MBNMS/CINMS-04-98. Aircraft will need to circle over turtles to guide capture vessels to the vicinity.

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