# MBNMS Permit Activity Report

## November 25, 2003

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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:* denied by CCC

*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-2002-039

**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:* permit review

*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, long-term, large-bandwidth infrastructure for multidisciplinary, in-situ exploration, observation, and experimentaion 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-2003-009** **Bowman & Williams**
**Bowman & Williams**

**A seawall at 4540 Cliff Drive in Santa Cruz**

*Permit Period:* No permit dates entered
*Type Of Permit:* Authorization of other agency permits

*Activity:* Discharge or deposit (within the Sanctuary).
Alteration of, or construction or placement

*Permit Status:* permit review
*App.status:*
*Location:* 4540 Opal Cliffs Drive
*Summary:* additional information required
*Abstract:*

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**MBNMS-2003-017** **Bowman & Williams / Lang**
**Bowman & Williams**

**A seawall at 2-2790 East Cliff Drive**

*Permit Period:* No permit dates entered
*Type Of Permit:* Authorization of other agency permits

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

*Permit Status:* permit review
*App.status:*
*Location:* 2-2790 East Cliff Drive
*Summary:* to construct a private seawall to protect a residence
*Abstract:* more information needed

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### MNBMS-2003-022

**Phil Taylor**
**Cannery Row Marketplace, LLC**

**Geophysical survey to support installation of a seawater intake for a proposed desalination plant at Ocean View Plaza**

*Permit Period:* 11/6/2003 to 12/31/2003

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

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

*Permit Status:* authorization issued

*App.status:*

*Location:* offshore of cannery row

*Summary:* both a non-intrusive geophsical survey and a intrusive geotechnical survey utilizing water jet probing and rotary drilling to penetrate into the seafloor

*Abstract:* To conduct jet probing at 7 locations and rotary drilling to a depth of –40 feet of a single 4-inch diameter bore hole from the seabed within the 1,000 foot long offshore sand channel, offshore of the proposed Oceanview Plaza Property along Cannery Row, Monterey for the purpose of providing information necessary to further analyze the substrate as it relates to proposed pipe placement and will aid in plans for the final design of the proposed facility

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### MNBMS-2003-022-A1

**Phil Taylor**
**Cannery Row Marketplace, LLC**

**Geophysical survey to support installation of a seawater intake for a proposed desalination plant at Ocean View Plaza**

*Permit Period:* 11/6/2003 to 12/31/2003

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

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

*Permit Status:* amendment issued

*App.status:*

*Location:* offshore of cannery row

*Summary:* both a non-intrusive geophsical survey and a intrusive geotechnical survey utilizing water jet probing and rotary drilling to penetrate into the seafloor

*Abstract:* To conduct jet probing at 7 locations and rotary drilling to a depth of –40 feet of a single 4-inch diameter bore hole from the seabed within the 1,000 foot long offshore sand channel, offshore of the proposed Oceanview Plaza Property along Cannery Row, Monterey for the purpose of providing information necessary to further analyze the substrate as it relates to proposed pipe placement and will aid in plans for the final design of the proposed facility

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**MBNMS-2003-023**

**Norman Maher**
**AOA Geophysics**

**An investigation of the use of Marine Magnetotelluric (MMT) and Marine Controlled source Electromagnetic (CSEM) methods for imaging the structure of the Navy Fault in**

*Permit Period:* 10/1/2003 to 12/31/2003

*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:*

*Location:* offshore Seaside and Monterey perpendicular to the Navy Fault

*Summary:* the primarry objective of this project is to detect and map the geometry and geology of the Navy Fault using electromagnetic technology

*Abstract:* a set of 10-15 seabed recievers will be deployed in an array to form 3 transects that will cross perpendicular to the known trace of the Navy fault. the instruments will be deployed in water depths ranging from 15- 100m. the receivers wil sit on the seabed for 2-3 days during which time they will collect and stroe the signal both naturally occuring and transimiteed from

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**MBNMS-2003-023-A1**

**Norman Maher**
**AOA Geophysics**

**An investigation of the use of Marine Magnetotelluric (MMT) and Marine Controlled source Electromagnetic (CSEM) methods for imaging the structure of the Navy Fault in**

*Permit Period:* 10/1/2003 to

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

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

*Permit Status:* amendment decision made

*App.status:* amendment application received

*Location:* offshore Seaside and Monterey perpendicular to the Navy Fault

*Summary:* the primarry objective of this project is to detect and map the geometry and geology of the Navy Fault using electromagnetic technology

*Abstract:* a set of 10-15 seabed recievers will be deployed in an array to form 3 transects that will cross perpendicular to the known trace of the Navy fault. the instruments will be deployed in water depths ranging from 15- 100m. the receivers wil sit on the seabed for 2-3 days during which time they will collect and stroe the signal both naturally occuring and transimiteed from

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2003-029**

**Sean Van Sommeran**
**Pelagic Shark Research foundation**

**Tagging of white sharks at Ano Nuevo**

*Permit Period:* Starts: 10/1/2003; no end date

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

*Activity:* Attracting white sharks within State waters.

*Permit Status:*

*App.status:* draft application received

*Location:* ano nuevo island

*Summary:* application not yet received

*Abstract:* application not yet received

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**MBNMS-2003-031**

**Peter Brown**
**Discovery channel**

**To attract white sharks for the purpose of a television documentary**

*Permit Period:* No permit dates entered

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

*Activity:* Attracting white sharks within State waters.

*Permit Status:* permit denied

*App.status:* application received

*Location:* ano nuevo

*Summary:* To deploy two movable shark cages, one of which will look like a shark for the purpose of filming "Mind of the Demon: a study of cognition in white sharks" for the Discovery channel.

*Abstract:* This project proposes to deploy two hi-tech wet submersible observation vessels, one of which would be a replica of a white shark, to test individual boundaries, and modes of visual communication signals used during ritualized displays for the purpose of filming a documentary.

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### MBNMS-2003-032 CCC

**Seawall repairs to the Pacific Grove Recreation Trail**

*Permit Period:* No permit dates entered

*Type Of Permit:* Authorization of other agency permits

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

*Permit Status:* review

*App.status:* notice of CDP Waiver rec'd

*Location:* several locations along bike path---above mhw?

*Summary:* Short term repairs at 7 specific locations of the PG Rec. Trail to prevent coastal bluff failure and collapse during the 2003-2004 winter storm season

*Abstract:* These interim repair and maintenance activiites will not result in an expansion of the existing shoreline structures, and include specific measures to minimize disruption of trail use and avoid impacts to adjacent marine habitats. Long term methods for addressing erosion problems that will replace these short term repairs are currently being pursued by the City.

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### MULTI-2003-003 Gerry Mc Chesney
**US Fish and Wildlife Service**

**To conduct low altitude overflight activities within the GFNMS & MBNMS**

*Permit Period:* No permit dates entered

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

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

*Permit Status:* permit review

*App.status:* application received

*Location:* within the GFNMS & MBNMS

*Summary:* to determine the distribution and abundance of waterfowl

*Abstract:* the survey is conducted in early January using a single engine aircraft and two observers. the aircraft is flown at an altitude of 200 feet.

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