

**STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2011-0049**

APPROVING AN EXCEPTION TO THE CALIFORNIA OCEAN PLAN FOR THE HUMBOLDT STATE UNIVERSITY MARINE LABORATORY DISCHARGE INTO THE TRINIDAD HEAD AREA OF SPECIAL BIOLOGICAL SIGNIFICANCE, INCLUDING SPECIAL PROTECTIONS FOR BENEFICIAL USES, AND APPROVING A MITIGATED NEGATIVE DECLARATION

WHEREAS:

1. The State Water Resources Control Board (State Water Board) adopted the California Ocean Plan (Ocean Plan) on July 6, 1972 and revised the Ocean Plan in 1978, 1983, 1988, 1990, 1997, 2000, 2005, and 2009.
2. The Ocean Plan prohibits the discharge of waste to designated Areas of Special Biological Significance (ASBS).
3. ASBS are designated by the State Water Board as ocean areas requiring protection of species or biological communities to the extent that alteration of natural water quality is undesirable.
4. According to the Public Resources Code, all ASBS are designated as a subset of state water quality protection areas and require special protection as determined by the State Water Board pursuant to the Ocean Plan and the Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California (Thermal Plan).
5. In state water quality protection areas, waste discharges must be prohibited or limited by special conditions, in accordance with the Porter-Cologne Water Quality Control Act, California Water Code §13000 et seq., and implementing regulations, including the Ocean Plan and Thermal Plan.
6. The Ocean Plan authorizes the State Water Board to grant an exception to Ocean Plan provisions where the board determines that the exception will not compromise protection of ocean waters for beneficial uses and the public interest will be served.
7. On October 18, 2004, the State Water Board staff notified the Humboldt State University Telonicher Marine Laboratory (TML) to cease waste discharges into the Trinidad Head ASBS or to request an exception under the Ocean Plan. On December 21, 2004 the TML responded with a request for an exception to the California Ocean. The State Water Board staff then received an application for an individual exception to the Ocean Plan prohibition against waste discharges to ASBS from TML dated August 31, 2006.
8. The State Water Board finds that granting the requested exception will not compromise protection of ocean waters for beneficial uses, provided that the applicant complies with the prohibitions and special conditions that comprise the Special Protections contained in this resolution. The prohibitions and special conditions in the Special Protections, contained in [Attachment A](#) to this resolution, are intended to ensure that seawater system waste seawater discharges, storm water and nonpoint source discharges are controlled to protect the beneficial uses of the Trinidad Head ASBS, including marine

aquatic life and habitat, and to maintain natural water quality within the ASBS. The Special Protections are also intended to maintain the natural hydrologic cycle and coastal ecology by allowing the flow of clean precipitation runoff into the ocean, while preserving coastal slope stability and preventing anthropogenic erosion.

9. Natural ocean water quality has been defined by the ASBS Natural Water Quality Committee as that water quality (based on selected physical, chemical and biological characteristics) that is required to sustain marine ecosystems, and which is without apparent human influence, *i.e.*, an absence of significant amounts of: (a) man-made constituents (*e.g.*, DDT); (b) other chemical (*e.g.*, trace metals), physical (temperature/thermal pollution, sediment burial), and biological (*e.g.*, bacteria) constituents at concentrations that have been elevated due to man's activities above those resulting from the naturally occurring processes that affect the area in question; and (c) non-indigenous biota (*e.g.*, invasive algal bloom species) that have been introduced either deliberately or accidentally by man. Discharges "*shall not alter natural ocean water quality*" as determined by a comparison to the range of constituent concentrations in reference areas agreed upon via a regional monitoring program.
10. The State Water Board finds that granting the requested exception is in the public interest because the seawater system provides support for the research activities of undergraduate and graduate students with interests in the marine sciences. Research projects are conducted at TML because the laboratory has a seawater system and aquarium facilities that supports the maintenance of living marine plants and animals for observation and experimentation. Often these projects are in direct support of other state or federal agency missions related to the marine environment and its resources; faculty-sponsored research has been conducted for Redwood National Park, the National Marine Fisheries Service, Resources Legacy Fund, and the National Oceanic and Atmospheric Administration. The exception will allow TML to continue to discharge, provided that TML meets specific mitigating conditions. The exception also provides additional protections for beneficial uses that are not currently provided. The State Water Board has concluded that the exception will not compromise protection of ocean waters for beneficial uses, and the public interest will be served.
11. The State Water Board staff prepared and circulated an [Initial Study](#) and [Draft Mitigated Negative Declaration](#) for the proposed exception in accordance with the California Environmental Quality Act (CEQA) and implementing regulations. The written comment period ended on October 10, 2011.
12. The State Water Board held a public hearing on October 18, 2011 to receive comments on the proposed exception and the Mitigated Negative Declaration. The State Water Board has considered the comments and prepared written responses to the comments. The State Water Board finds, based on the whole record, including the applications, Initial Study and proposed Mitigated Negative Declaration, comments, and responses, that there is no substantial evidence that approval of the exception will have a significant effect on the environment because of the terms, special conditions, and prohibitions that comprise the Special Protections in this resolution. The Initial Study and proposed Mitigated Negative Declaration reflect the State Water Board's independent judgment and analysis.

13. Granting the exception is consistent with federal and state antidegradation policies, in 40 C.F.R. §131.12 and State Water Board [Resolution No. 68-16](#), respectively. The terms, special conditions, and prohibitions that comprise these Special Protections will not authorize a lowering of water quality, but rather will improve water quality conditions in the affected ASBS.
14. This resolution only grants an exception to TML from the Ocean Plan prohibition against waste discharges into the Trinidad Head. It does not authorize waste discharges to state waters. In order to legally discharge waste into an ASBS, the applicants must have both coverage under this exception and an appropriate authorization to discharge. Authorization to discharge for point source waste discharges to navigable waters consists of coverage under the National Pollutant Discharge Elimination System (NPDES) permit program. Nonpoint source discharges of waste must be regulated under waste discharge requirements, a conditional waiver, or a conditional prohibition.
15. The exception will be reviewed during the triennial review of the Ocean Plan. If the State Water Board staff finds cause to revoke or re-open the exceptions, the Board may do so during the triennial review or at any other time.
16. The State Water Board's record of proceedings in this matter is located at 1001 I Street, Sacramento, California, and the custodian is the Division of Water Quality.

THEREFORE BE IT RESOLVED THAT:

The State Water Board:

1. Adopts the [Mitigated Negative Declaration](#) for the proposed exception.
2. Approves the exception to the Ocean Plan prohibition against waste discharges to the Trinidad Head ASBS for discharges of waste seawater and storm water runoff by TML, provided that:
 - a. The discharges are covered under an appropriate authorization to discharge waste to the ASBS, such as an NPDES permit and/or waste discharge requirements;
 - b. The authorization incorporates all of the Special Protections, contained in Attachment A to this resolution, which are applicable to the discharge; and
 - c. Only seawater system waste seawater discharge and storm water discharges by the applicant are covered by this resolution. All other waste discharges to ASBS are prohibited, unless they are covered by a separate, applicable Ocean Plan exception.
3. Authorizes the Executive Director or designee to file the Notice of Determination with the Governor's Office of Planning and Research.

4. Authorizes the Executive Director or designee to transmit the exceptions to the United States Environmental Agency (U.S. EPA) for concurrence.

CERTIFICATION

The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on October 18, 2011.

AYE: Chairman Charles R. Hoppin
 Vice Chair Frances Spivy-Weber
 Board Member Tam M. Doduc

NAY: None

ABSENT: None

ABSTAIN: None



Jeanine Townsend
Clerk to the Board