

CALIFORNIA COASTAL COMMISSION

South Coast District Office
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Th5a

Staff: A. Spencer – LB
Date: July 26, 2022

ADMINISTRATIVE PERMIT

Application No.: 5-22-0188

Applicant: University of California, Irvine- Campus Physical & Environmental Planning

Location: 600 Shellmaker Road, Newport Beach, Orange County (APN No. 440-132-29)

Project Description: Repair two dock pillar footings using a new encasing filled with Type V concrete. No grading or imported soil is proposed.

EXECUTIVE DIRECTOR'S DETERMINATION

The findings for this determination, and for any special conditions, appear on subsequent pages.

NOTE: P.R.C. Section 30624 provides that this permit shall not become effective until it is reported to the Commission at its next meeting. If one-third or more of the appointed membership of the Commission so request, the application will be removed from the administrative calendar and set for public hearing at a subsequent Commission meeting. Our office will notify you if such removal occurs.

This permit will be reported to the Commission on August 11, 2022. PLEASE NOTE THAT THIS WILL BE A VIRTUAL AND IN-PERSON MEETING. Please see the Coastal Commission's Virtual Hearing Procedures posted on the Coastal Commission's webpage at www.coastal.ca.gov for details on the procedures of this hearing. If you would like to receive a paper copy of the Coastal Commission's Virtual Hearing Procedures, please call 415-904-5202.

The in-person hearing will be held at:

**King Gillette Ranch
26800 Mulholland Hwy
Calabasas, CA 91302**

The Commission strongly encourages continued participation virtually through video and teleconferencing due to changing Covid-19 conditions.

IMPORTANT - Before you may proceed with development, the following must occur:

Pursuant to 14 Cal. Admin. Code Sections 13150(b) and 13158, you must sign the enclosed duplicate copy acknowledging the permit's receipt and accepting its contents, including all conditions, and return it to our office. Following the Commission's meeting, and once we have received the signed acknowledgement and evidence of compliance with all special conditions, we will send you a Notice of Administrative Permit Effectiveness.

BEFORE YOU CAN OBTAIN ANY LOCAL PERMITS AND PROCEED WITH DEVELOPMENT, YOU MUST HAVE RECEIVED BOTH YOUR ADMINISTRATIVE PERMIT AND THE NOTICE OF PERMIT EFFECTIVENESS FROM THIS OFFICE.

John Ainsworth
Executive Director

by: Amrita Spencer
Coastal Program Analyst

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EXHIBITS

[Exhibit No. 1 – Vicinity Map and Project Site](#)

[Exhibit No. 2 – Project Plans](#)

STANDARD CONDITIONS

This permit is granted subject to the following standard conditions:

1. **Notice of Receipt and Acknowledgment.** The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. **Expiration.** If development has not commenced, the permit will expire two years from the date the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. **Interpretation.** Any questions of intent or interpretation of any term or condition will be resolved by the Executive Director or the Commission.
4. **Assignment.** The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
5. **Terms and Conditions Run with the Land.** These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

SPECIAL CONDITIONS: See pages seven through twelve.

EXECUTIVE DIRECTOR'S DETERMINATION (continued):

The Executive Director hereby determines that the proposed development is a category of development, which, pursuant to PRC Section 30624, qualifies for approval by the Executive Director through the issuance of an Administrative Permit. Subject to Standard and Special Conditions as attached, said development is in conformity with the provisions of Chapter 3 of the Coastal Act of 1976 and will not have any significant impacts on the environment within the meaning of the California Environmental Quality Act. If located between the nearest public road and the sea, this development is in conformity with the public access and public recreation policies of Chapter 3.

FINDINGS FOR EXECUTIVE DIRECTOR'S DETERMINATION

A. PROJECT DESCRIPTION

The proposed project is repair of two existing dock pillars on the existing Shellmaker boathouse dock by placing a new encasing filled with Type V concrete on each pillar. This project does not include any grading, soil import, new fill, or any changes to the existing concrete dock footprint ([Exhibit 2](#)).

The proposed project is located in the Upper Newport Bay Ecological Reserve (UNBER), which was created in 1975 to conserve and enhance 752 acres of saltwater marsh ecosystem in the upper reaches of Newport Bay, commonly referred to as the Back Bay. More specifically, the project takes place at the University of California, Irvine (UCI) rowing facility that is used by student athletes for rowing activities that is located on Lower Shellmaker Island near the Back Bay Science Center ([Exhibit 1](#)). Shellmaker Island is located at the southern one-third of the UNBER immediately north of the Dunes Marina Boat Launch facilities at the southern boundary of the UNBER and has been under the stewardship of the California Department of Fish & Wildlife (CDF&W) since it was acquired from the County of Orange and the Irvine Company in 1974. A tidal channel separates Lower and Upper Shellmaker Island. Public access is available on Shellmaker Island, the ecological reserve along Back Bay Drive, and along trails surrounding the bay. Additionally, the California Department of Fish & Wildlife (CDF&W) provides public interactive walks and other functions available to the public at the Back Bay Science Center.

The applicant submitted an eelgrass survey for the project site conducted on September 20, 2021, which determined that eelgrass was not located at the project site. Eelgrass surveys completed between August through October are valid until the resumption of active growth (i.e., March 1). This date has passed, and the subject eelgrass survey is no longer valid for project construction. Therefore, the Commission imposes **Special Condition No. 2**, which requires a new eelgrass survey and identifies the procedures necessary to be completed prior to beginning construction. If the pre-construction eelgrass survey required by **Special Condition No. 2** shows new eelgrass beds that would be impacted by the proposed dock construction, the applicant must apply for a CDP amendment or new CDP to re-design and/or relocate the new dock to avoid eelgrass impacts consistent with Sections 30230 and 30231 of the Coastal Act which protect biological resources.

The aforementioned survey did not include an analysis of Caluierpa presence onsite. Given the potential for the Caulerpa species to take over eelgrass and other marine habitat in the project vicinity, the Commission staff requires an up-to-date Caulerpa survey be conducted prior to commencement of the project; therefore, the Commission imposes **Special Condition No. 3** to require submittal of a Caluierpa survey prior to construction. If any Caulerpa is found on the project site, **Special Condition No. 3** identifies the procedures necessary to be completed prior to beginning any construction consistent with Sections 30230 and 30231 of the Coastal Act which protect biological resources.

There is potential for the discharge of demolition or construction debris into coastal waters at the project site. This could result in adverse effects on the marine environment. The proposed development includes protective measures to ensure that coastal waters and marine resources will not be adversely affected before, during or after construction. To ensure that all impacts (pre- and post- construction) to water quality are minimized, and to reduce the potential for construction related impacts on water quality, the Commission imposes **Special Condition No. 1**, which requires, but is not limited to, the appropriate storage and handling of construction equipment and materials to minimize the potential of

pollutants to enter coastal waters; and the continued use and maintenance of post-construction BMPs. As conditioned, the proposed project minimizes impacts to biological resources consistent with Sections 30230 and 30231 of the Coastal Act.

The applicant has indicated that the project has a pending Clean Water Act Section 401 Water Quality Standards Certification under review from the Regional Water Quality Control Board (RWQCB). The applicant have also applied for a permit from the United States Army Corps of Engineers (USACE), which is pending until coastal development permit approval. To ensure that the proposed project adheres to the requirements from other resource agencies, and to account for changes to other resource agency permits that may be necessary given the design alternative required by the Commission, **Special Condition No. 5** requires the applicant to comply with all requirements, requests and mitigation measures from the California Department of Fish and Wildlife (CDFW), the RWQCB, the USACE, and the United States Fish and Wildlife Service (USFWS) with respect to preservation and protection of water quality and marine environment consistent with Section 30231, 30232 and 30233 of the Coastal Act..

B. MARINE RESOURCES

The proposed private recreational boat dock development and its associated structures are an allowable and encouraged marine-related use. The design of the project includes the minimum size and number of pilings necessary for structural stability. There are no feasible less environmentally damaging alternatives available. As conditioned, the project will not significantly adversely impact eelgrass beds and will not contribute to the dispersal of the invasive aquatic algae, *Caulerpa sp.* Further, as proposed and conditioned, the project, which is to be used solely for recreational boating purposes, conforms to Sections 30224 and 30233 of the Coastal Act.

C. PUBLIC ACCESS

The proposed development will not have any new adverse impact on public access to the coast or to nearby recreational facilities. Therefore, as conditioned, the proposed development conforms with Sections 30210 through 30214, Sections 30220 through 30224, and 30252 of the Coastal Act.

D. WATER QUALITY

The proposed work will be occurring on, within, or adjacent to coastal waters. The storage or placement of construction material, debris, or waste in a location where it could be discharged into coastal waters could result in an adverse effect on the marine environment. To reduce the potential for construction related impacts on water quality, the special conditions are imposed requiring, but not limited to, the appropriate storage and handling of construction equipment and materials to minimize the potential of pollutants to enter coastal waters. To reduce the potential for post-construction impacts to water quality the permit requires the continued use and maintenance of post-construction BMPs. As conditioned, the development conforms to Sections 30230 and 30231 of the Coastal Act.

E. LOCAL COASTAL PROGRAM (LCP)

The proposed development is located seaward of the mean high tide line and is within the Commission's original permit jurisdiction. The standard of review for development within the Commission's original permit jurisdiction is Chapter 3 of the Coastal Act. The City of Newport Beach certified LCP was certified on January 13, 2017 and may provide guidance for development. As conditioned, the proposed development is consistent with the Chapter 3 policies of the Coastal Act.

F. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

As conditioned, there are no feasible alternatives or additional feasible mitigation measures available that would substantially lessen any significant adverse effect that the activity may have on the environment. Therefore, the proposed project, as conditioned to mitigate the identified impacts, is the least environmentally damaging feasible alternative and can be found consistent with the requirements of the Coastal Act to conform to CEQA.

SPECIAL CONDITIONS

The permit is granted subject to the following special conditions:

1. Water Quality

A. Construction Responsibilities and Debris Removal

- (1) No demolition or construction materials, equipment, debris, or waste shall be placed or stored where it may enter sensitive habitat, receiving waters or a storm drain, or be subject to wave, wind, rain or tidal erosion and dispersion;
- (2) Any and all debris resulting from demolition or construction activities, and any remaining construction material, shall be removed from the project site within 24 hours of completion of the project;
- (3) Demolition or construction debris and sediment shall be removed from work areas each day that demolition or construction occurs to prevent the accumulation of sediment and other debris that may be discharged into coastal waters;
- (4) Machinery or construction materials not essential for project improvements will not be allowed at any time in the intertidal zone;
- (5) If turbid conditions are generated during construction a silt curtain will be utilized to control turbidity;

- (6) Floating booms will be used to contain debris discharged into coastal waters and any debris discharged will be removed as soon as possible but no later than the end of each day;
- (7) Non buoyant debris discharged into coastal waters will be recovered by divers as soon as possible after loss;
- (8) All trash and debris shall be disposed in the proper trash and recycling receptacles at the end of every construction day;
- (9) The applicant shall provide adequate disposal facilities for solid waste, including excess concrete, produced during demolition or construction;
- (10) Debris shall be disposed of at a legal disposal site or recycled at a recycling facility. If the disposal site is located in the coastal zone, a coastal development permit or an amendment to this permit shall be required before disposal can take place unless the Executive Director determines that no amendment or new permit is legally required;
- (11) All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil;
- (12) Machinery and equipment shall be maintained and washed in confined areas specifically designed to control runoff. Thinners or solvents shall not be discharged into sanitary or storm sewer systems;
- (13) The discharge of any hazardous materials into any receiving waters shall be prohibited;
- (14) Spill prevention and control measures shall be implemented to ensure the proper handling and storage of petroleum products and other construction materials. Measures shall include a designated fueling and vehicle maintenance area with appropriate berms and protection to prevent any spillage of gasoline or related petroleum products or contact with runoff. The area shall be located as far away from the receiving waters and storm drain inlets as possible;
- (15) Best Management Practices (BMPs) and Good Housekeeping Practices (GHPs) designed to prevent spillage and/or runoff of demolition or construction-related materials, and to contain sediment or contaminants associated with demolition or construction activity, shall be implemented prior to the on-set of such activity; and
- (16) All BMPs shall be maintained in a functional condition throughout the duration of construction activity.

B. Best Management Practices Program

By acceptance of this permit the applicant agrees that the long-term water-borne berthing of boat(s) in the approved dock and/or boat slip will be managed in a manner that protects water quality pursuant to the implementation of the following BMPs.

- (1) Boat Cleaning and Maintenance Measures:
 - a. In-water top-side and bottom-side boat cleaning shall minimize the discharge of soaps, paints, and debris;
 - b. In-the-water hull scraping or any process that occurs under water that results in the removal of paint from boat hulls shall be prohibited. Only detergents and cleaning components that are designated by the manufacturer as phosphate-free and biodegradable shall be used, and the amounts used minimized; and
 - c. The applicant shall minimize the use of detergents and boat cleaning and maintenance products containing ammonia, sodium hypochlorite, chlorinated solvents, petroleum distillates or lye.
- (2) Solid and Liquid Waste Management Measures:
 - a. All trash, recyclables, and hazardous wastes or potential water contaminants, including old gasoline or gasoline with water, absorbent materials, oily rags, lead acid batteries, anti-freeze, waste diesel, kerosene and mineral spirits will be disposed of in a proper manner and will not at any time be disposed of in the water or gutter.
- (3) Petroleum Control Management Measures:
 - a. Boaters will practice preventive engine maintenance and will use oil absorbents in the bilge and under the engine to prevent oil and fuel discharges. Oil absorbent materials shall be examined at least once a year and replaced as necessary. Used oil absorbents are hazardous waste in California. Used oil absorbents must therefore be disposed in accordance with hazardous waste disposal regulations. The boaters will regularly inspect and maintain engines, seals, gaskets, lines and hoses in order to prevent oil and fuel spills. The use of soaps that can be discharged by bilge pumps is prohibited;
 - b. If the bilge needs more extensive cleaning (e.g., due to spills of engine fuels, lubricants or other liquid materials), the boaters will use a bilge pump-out facility or steam cleaning services that recover and properly dispose or recycle all contaminated liquids; and

- c. Bilge cleaners which contain detergents or emulsifiers will not be used for bilge cleaning since they may be discharged to surface waters by the bilge pumps.

(4) Leakage Measures:

- a. Any leakage or spills must be immediately reported to the management team, Newport Beach Fire Department and/or the City of Newport Beach Hazmat Team.
- b. In the event of leakage or spill of hazardous materials to the marine environment, the source of the leakage or spill is terminated immediately.
- c. All tenant vessels should have absorbent pads on board. This product should be an oil-only absorbent product which soaks up hydrocarbons – gasoline, diesel fuel, oil, hydraulic fluids- but not water. Other absorbent products that “eat” hydrocarbons are not allowed. No boater shall pour loose remediation productions or spray any remediation products on the water at any time.

2. Eelgrass Survey(s)

- A. Pre-Construction Eelgrass Survey.** A valid pre-construction eelgrass (*Zostera marina*) survey shall be completed during the period of active growth of eelgrass (typically March through October). The pre-construction survey shall be completed prior to the beginning of construction and shall be valid until the next period of active growth. The survey shall be prepared in full compliance with the “California Eelgrass Mitigation Policy” dated October 2014 (except as modified by this special condition) adopted by the National Marine Fisheries Service and shall be prepared in consultation with the California Department of Fish and Wildlife. The applicant shall submit the eelgrass survey for the review and approval of the Executive Director within five (5) business days of completion of each eelgrass survey and in any event no later than fifteen (15) business days prior to commencement of any development. If the eelgrass survey identifies any eelgrass within the project area which would be impacted by the proposed project, the development shall require an amendment to this permit from the Coastal Commission or a new coastal development permit.
- B. Post-Construction Eelgrass Survey.** If any eelgrass is identified in the project area or the 10-meter buffer area by the pre-construction survey required by Subsection A of this condition, within 30 days of completion of construction, or within the first 30 days of the next active growth period following completion of construction that occurs outside of the active growth period, the applicant shall survey the project site and the 10 meter buffer area to determine if any eelgrass was adversely impacted. The survey shall be prepared in full compliance with the

CEMP adopted by the NMFS (except as modified by this special condition), and in consultation with the CDFW. If side-scan sonar methods are to be used, evidence of a valid permit from CSLC must also be provided prior to the commencement of each survey period. The applicant shall submit the post-construction eelgrass survey for the review and approval of the Executive Director within thirty (30) days after completion of the survey. If any eelgrass has been adversely impacted, the applicant shall replace the impacted eelgrass at a minimum final 1.38:1 ratio on-site (mitigation: impact), or at another location, in accordance with the CEMP. Any exceptions to the required 1.38:1 minimum final mitigation ratio found within the CEMP shall not apply. Based on past performance of eelgrass mitigation efforts, in order to achieve this minimum, the appropriate regional initial planting ratio provided in the CEMP should be used. Implementation of mitigation to ensure success in achieving the minimum final mitigation ratio (1.38:1) shall require an amendment to this permit or a new coastal development permit unless the Executive Director provides a written determination that no amendment or new permit is required.

3. Pre-construction Caulerpa Sp. Survey

- A.** Not earlier than 90 days nor later than 30 days prior to commencement or re-commencement of any development authorized under this coastal development permit (the “project”), the applicant shall undertake a survey of the project area and a buffer area at least 10 meters beyond the project area to determine the presence of the invasive alga *Caulerpa* sp. The survey shall include a visual examination of the substrate.
- B.** The survey protocol shall be prepared in consultation with the Regional Water Quality Control Board, the California Department of Fish and Wildlife, and the National Marine Fisheries Service.
- C.** Within five (5) business days of completion of the survey, the applicant shall submit the survey:
 - (1) for the review and approval of the Executive Director; and
 - (2) to the Surveillance Subcommittee of the Southern California Caulerpa Action Team (SCCAT). The SCCAT Surveillance Subcommittee may be contacted through California Department of Fish & Wildlife (858/467-4218) National Marine Fisheries Service (562/980-4043).
- D.** If *Caulerpa* species is found within the project or buffer areas, the applicant shall not proceed with the project until 1) the applicant provides evidence to the Executive Director, subject to concurrence by the Executive Director, that all *Caulerpa* sp. discovered within the project and buffer area has been eliminated in a manner that complies with all applicable governmental approval requirements, including but not limited to those of the California Coastal Act, or 2) the applicant

has revised the project to avoid any contact with *Caulerpa* species. No revisions to the project shall occur without a Coastal Commission approved amendment to this coastal development permit unless the Executive Director determines that no amendment is legally required.

4. Public Rights and Public Trust

The Coastal Commission's approval of this permit shall not constitute a waiver of any public rights that exist or may exist on the property. The permittee shall not use this permit as evidence of a waiver of any public rights that may exist on the property now or in the future.

5. Resource Agencies

The permittee shall comply with all requirements, requests and mitigation measures from the California Department of Fish and Wildlife (CDFW), the Regional Water Quality Control Board (RWQCB); the U.S. Army Corps of Engineers (USACE), and the U.S. Fish and Wildlife Service (USFWS) with respect to preservation and protection of water quality and marine environment. Any change in the approved project that may be required by the above-stated agencies shall be submitted to the Executive Director in order to determine if the proposed change shall require a permit amendment pursuant to the requirements of the Coastal Act and the California Code of Regulations.

ACKNOWLEDGMENT OF PERMIT RECEIPT/ACCEPTANCE OF CONTENTS

I/We acknowledge that I/we have received a copy of this permit and have accepted its contents including all conditions.

Applicant's Signature

Date of Signing