

Staff Report 44

APPLICANT:

Gregory D. Kriesel and Jane Kriesel

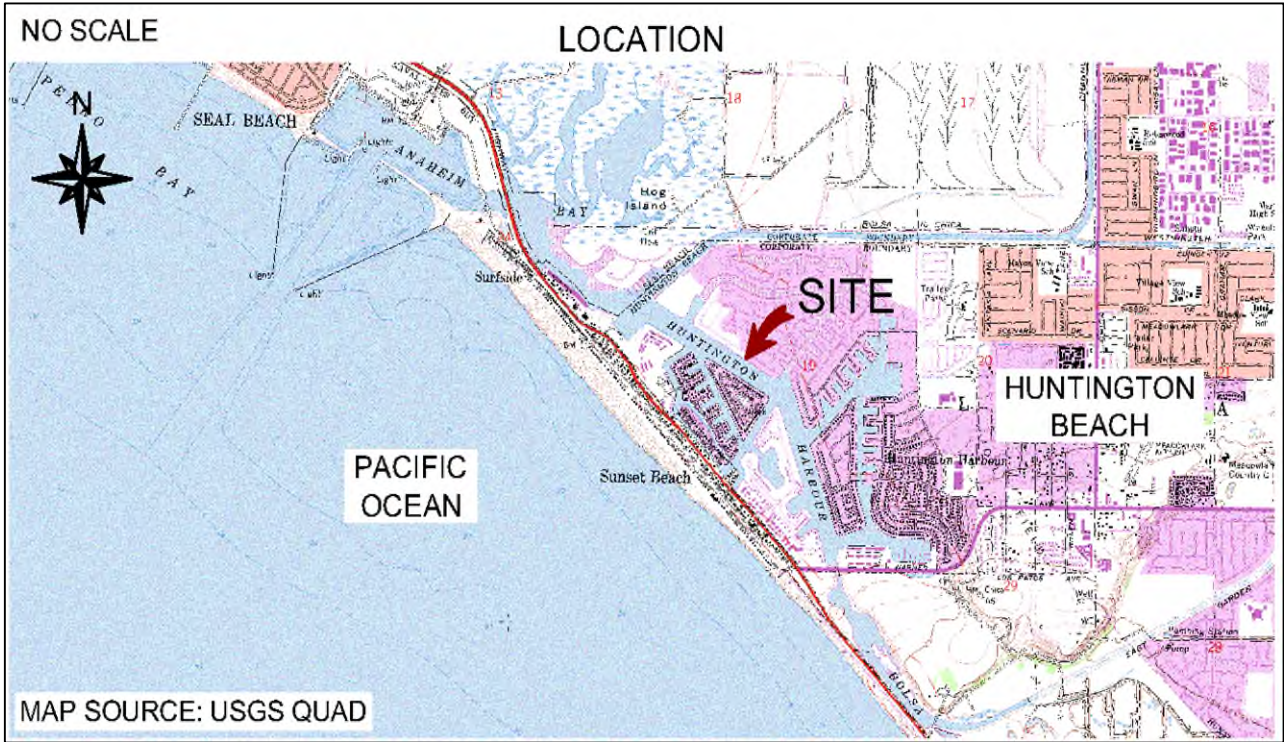
PROPOSED ACTION:

Issuance of a General Lease – Recreational and Protective Structure Use.

AREA, LAND TYPE, AND LOCATION:

Sovereign land in the Main Channel of Huntington Harbour, adjacent to 3512 Venture Drive, Huntington Beach, Orange County (as shown in Figure 1).

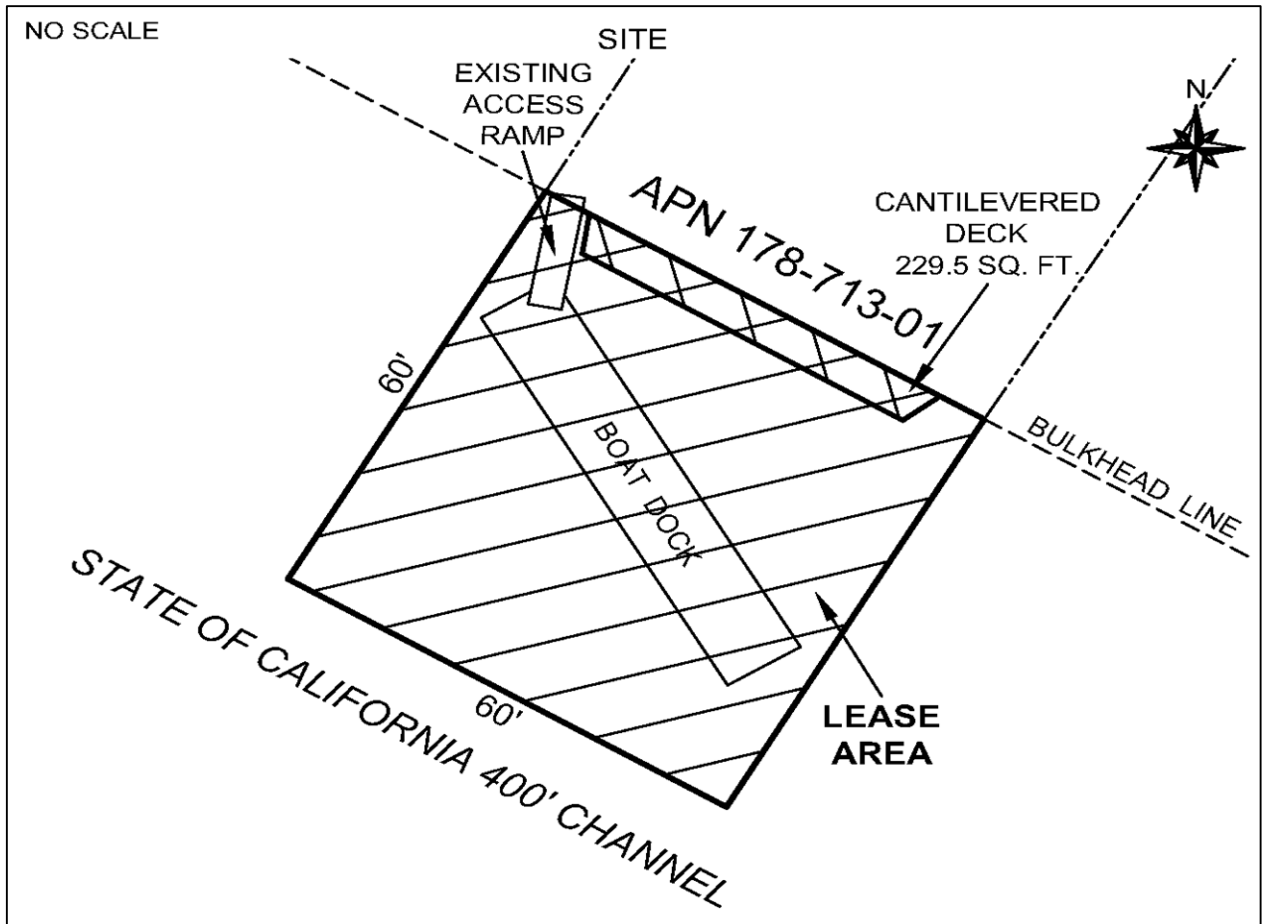
Figure 1. Location



AUTHORIZED USE:

Use of an existing boat dock, access ramp, cantilevered deck, and bulkhead protection (as shown in Figure 2).

Figure 2. Site Map



NOTE: This depiction of the lease premises is based on unverified information provided by the applicant or other parties and is not a waiver or limitation of any State interest in the subject or any other property.

TERM:

10 years, beginning March 1, 2025.

CONSIDERATION:

\$3,890 per year, with an annual Consumer Price Index adjustment and \$874 compensation for the unauthorized occupation of State Land by the boat dock, access ramp, cantilevered deck, and bulkhead protection for the period prior to March 1, 2025.

SPECIFIC LEASE PROVISIONS:

- Liability insurance in an amount no less than \$1,000,000 per occurrence.
- Lessee shall not construct, or allow to be constructed, a permanent roof or other enclosure on the Lease Premises.
- Lessee agrees that any proposed use of the Lease Premises that includes extension of the actual living quarters constitutes residential use and is prohibited.
- The provisions of Section 3, Paragraph 11 shall also extend to the period of Lessee's unauthorized occupation of state-owned lands, from December 9, 2024 to February 28, 2025.

STAFF ANALYSIS AND RECOMMENDATION:

AUTHORITY:

Public Resources Code sections 6005, 6216, 6301, 6321, 6321.2, 6501.1, 6503, 6503.5, and 6505.5; California Code of Regulations, title 2, sections 2000 and 2003.

PUBLIC TRUST AND STATE'S BEST INTERESTS:

On December 17, 2014, the Commission authorized a General Lease – Recreational and Protective Structure Use to Gregory D. Kriesel and Jane K. Kriesel, Trustees of The Kriesel Family Trust, for the use of an existing boat dock, access ramp, cantilevered deck, and bulkhead protection in Huntington Harbour, adjacent to 3512 Venture Drive, Huntington Beach, Orange County ([Item 38, December 17, 2014](#)). The lease expired December 8, 2024. The Applicant is now applying for a General Lease – Recreational and Protective Structure Use for the use of an existing boat dock, access ramp, cantilevered deck, and bulkhead protection. Staff recommends the issuance of a General Lease – Recreational and Protective Structure Use to the Applicant, to take effect on March 1, 2024.

Staff recommends the Commission accept \$874 as compensation from the Applicant for the unauthorized occupation of State land by the existing boat dock, access ramp, cantilevered deck, and bulkhead protection for the period prior to March 1, 2025. Additionally, the proposed lease will require the Applicant to indemnify the State for the entire period of unauthorized occupation, ensuring the State is protected.

The upland parcel adjacent to the Lease Premises is privately owned and developed with a residence. The bulkhead protection is privately owned and maintained and has existed at this location for many years. The Lease Premises are located in the Main Channel of Huntington Harbour. The Main Channel was created in the early 1960s, and the State of California acquired fee ownership of this channel in 1962 as a result of a land exchange between the Commission and the Huntington Harbour Corporation. Any projects, including new development or use of existing facilities extending into the Main Channel beyond the bulkhead require a lease from the Commission.

The existing bulkhead protection and submerged slope protection on the Lease Premises serves to stabilize the bank, prevent erosion, support the integrity of the channel, and help ensure that the channel remains navigable. The foot of the bulkhead is protected by submerged slope protection built of rock and cobble to prevent undermining of the adjacent bulkhead that is on private property outside the Commission's leasing jurisdiction. The rock is shallowly sloped and located under existing dock facilities, meaning it does not create significant additional impacts. Although the bulkhead is constructed on privately-owned property adjacent to the channel and primarily exists to protect the private upland property, loss or degradation of the bulkhead could result in property damage and public safety concerns within the lease area and surrounding waterways. There is no public access at this location because the private upland property directly abuts the concrete bulkhead that defines the limits of the channel. Virtually the entire Main Channel has been developed for many decades with closely spaced houses, leaving little to no vertical access to the channel. For these reasons, the submerged slope protection and bulkhead protection does not substantially interfere with the Public Trust uses in this location.

The cantilevered deck is connected to the upland residence and serves as an extension of the upland property's backyard. Such residential use is generally not consistent with the Public Trust Doctrine; however, the cantilevered deck extends no more than 6.66 feet over the Main Channel and does not substantially interfere with the public's right of navigation or access. The lease contains provisions to restrict the placement of a permanent roof or enclosing the cantilevered deck.

The proposed lease does not alienate the State's fee simple interest or permanently impair public rights. The lease term is limited to ten years and does not grant the lessee exclusive rights to the leased premises. Upon termination of the lease, the lessee may be required to remove all improvements from State land. The proposed lease requires the lessee to insure the lease premises and indemnify the State for

any liability incurred as a result of the lessee's activities thereon. The lease also requires the payment of annual rent to compensate the people of the State for the occupation of the public land involved.

CLIMATE CHANGE:

Climate change impacts, including sea level rise, increased wave activity, storm events, and flooding are not limited to the open coast. The existing structures subject to the proposed lease are located within the Huntington Harbour development, along an inland, navigable, tidally influenced channel, and may be vulnerable to the impacts of sea level rise. Huntington Harbour is built near sea level elevation, and as a result is vulnerable to flooding and storm surge events. Currently, the area experiences flooding during high tides exceeding 6.7 feet, King Tides, and El Niño events, impacting road infrastructure and boat ramps and launches ([page 51](#), Ch. 7: Vulnerability Assessment, City of Huntington Beach *Sea Level Rise Vulnerability Assessment*, 2021). While adjacent to two wetlands, Bolsa Chica Ecological Reserve and the Seal Beach National Wildlife Refuge, which may offer a natural buffer to storm surges and lessen flood risks, the area is still highly vulnerable due to its low elevation.

The California Ocean Protection Council updated the *State of California Sea-Level Rise Guidance* in 2018 to provide a synthesis of the best available science on sea level rise projections and rates. Commission staff evaluated the “high emissions,” “medium-high risk aversion” scenario to apply a conservative approach based on both current emission trajectories and the lease location and structures. The Los Angeles tide gauge was used for the projected sea level rise scenario for the lease area as listed in Table 1.

Table 1. Projected Sea Level Rise for Los Angeles

Year	Projection (feet)
2030	0.7
2040	1.2
2050	1.8
2100	6.7

Source: Table 28, [State of California Sea-Level Rise Guidance: 2018 Update](#)

Note: Projections are with respect to a 1991 to 2009 baseline.

As stated in [Safeguarding California Plan: 2018 Update](#) (California Natural Resources Agency 2018), climate change is projected to increase the frequency and severity of natural disasters related to flooding, drought, and storms (especially when coupled with sea level rise). The combination of these conditions will likely

result in increased wave run up, storm surge, and flooding in coastal and near coastal areas. In tidally influenced waterways, more frequent and powerful storms can result in increased flooding conditions and damage from storm-created debris. Climate change and sea level rise will further influence coastal and riverine areas by changing erosion and sedimentation rates. Beaches, coastal landscapes, and near-coastal riverine areas will be exposed to increased wave force and run up, potentially resulting in greater beach or bank erosion than previously experienced. Additionally, the area is vulnerable to rising groundwater levels, which are currently estimated to be between 1-2 meters below the surface of much of Huntington Harbour ([Figure 6-20](#), *City of Huntington Beach Sea Level Rise Vulnerability Assessment*, 2021).

This increase in sea level combined with more frequent and stronger storm events will likely expose the lease area structures to higher flood risks, comprised of greater total water levels for longer periods of time. The lease area contains movable features including a floating recreational dock and access ramp, and fixed features such as pilings (as the support structures for the ramp and dock) and an overhanging deck. Flooding conditions could cause structures to be damaged or dislodged, presenting hazards to public safety as well as dangers for navigation within the channel. The floating nature of the movable features will allow them to rise and fall with tides and waves, increasing their resiliency to some sea level rise impacts. The fixed features may need to be raised or reinforced to withstand future conditions.

The bulkhead protection, a fixed feature, may need to be reinforced or replaced to withstand future conditions. However, even reinforcing or replacing the protection may not be adequate to protect the bulkhead and adjacent property from the increased flood exposure or damage that could occur over the duration of the lease. Assessing the potential for alternative methods for protection, including nature-based solutions or a mix of nature-based and conventional strategies (e.g., [living seawalls](#)) should be considered as a strategy to adapt to the combination of factors affecting flood exposure, including rising sea levels, the rising groundwater table, storms, and extreme tidal events. Strategies for flood protection that incorporate natural materials or support the proliferation of natural habitats (see the above link for more information on living seawalls) can reduce the reflection of wave energy more effectively than conventional materials (e.g., smooth concrete) and can require less maintenance, reducing costs over the lifespan of the structure. Locally available resources such as the [upcoming update](#) to the City of Huntington Beach's Local Coastal Program, the 2021 City of

Huntington Beach [Sea Level Rise Vulnerability Assessment](#), and the *State of California Sea Level Rise Guidance: 2018 Update* (linked above) can be valuable references for understanding the impacts from climate change and options available to minimize the risks.

Regular maintenance, as referenced in the terms of the lease, may reduce the likelihood of severe structural degradation or dislodgement. Pursuant to the proposed lease, the Lessee acknowledges that the lease premises and adjacent upland (not within the lease area) are located in an area that may be subject to the effects of climate change, including sea level rise and rising groundwater levels.

CONCLUSION:

For all the reasons above, staff believe the issuance of this lease will not substantially interfere with Public Trust needs at this location, at this time, and for the term of the proposed lease; and is in the best interests of the State.

OTHER PERTINENT INFORMATION:

1. Approval or denial of an application is a discretionary action by the Commission. Each time the Commission approves or rejects a use of sovereign land, it exercises legislatively delegated authority and responsibility as trustee of the State's Public Trust lands as authorized by law. If the Commission denies the application, the Applicant may be required to remove the boat dock, access ramp, cantilevered deck, and bulkhead protection and restore the premises to their original condition. The lessee has no right to a new lease or renewal of any previous lease.
2. This action is consistent with the "Leading Climate Activism" and "Meeting Evolving Public Trust Needs" Strategic Focus Areas of the Commission's 2021-2025 Strategic Plan.
3. Staff recommend that the Commission find that this activity is exempt from the requirements of the California Environmental Quality Act (CEQA) as a categorically exempt project. The project is exempt under Class 1, Existing Facilities; California Code of Regulations, title 14, section 15301.

Authority: Public Resources Code section 21084 and California Code of Regulations, title 14, section 15061.

RECOMMENDED ACTION:

It is recommended that the Commission:

CEQA FINDING:

Find that the activity is exempt from the requirements of CEQA pursuant to California Code of Regulations, title 14, section 15061 as a categorically exempt project, Class 1, Existing Facilities; California Code of Regulations, title 14, section 15301.

PUBLIC TRUST AND STATE'S BEST INTERESTS:

1. Find that the existing and, for a limited period, continuing use of the existing boat dock and access ramp does not substantially interfere with Public Trust needs and values at this location and is consistent with the common law Public Trust Doctrine.
2. Find that the existing and, for a limited period of time, continuing use of the existing cantilevered deck and bulkhead protection is not generally consistent with the Public Trust Doctrine, but the current use does not substantially interfere with the Trust.
3. Find that issuing the proposed lease is in the best interests of the State.

AUTHORIZATION:

1. Authorize acceptance of compensation from the Applicant in the amount of \$874 for unauthorized occupation of State land for the period prior to March 1, 2025.
2. Authorize issuance of a General Lease – Recreational and Protective Structure Use to the Applicant beginning March 1, 2025, for a term of 10 years, for the use and maintenance of a boat dock, access ramp, cantilevered deck, and bulkhead protection; annual rent in the amount of \$3,890, with an annual Consumer Price Index adjustment; and liability insurance in an amount no less than \$1,000,000 per occurrence.