



State of California

Case Study

California Permitting Process for Undersea Cables

March 2023

Contents

1. Introduction.....3

2. California's Pacific Coast Management... ..4

3. Permitting Process.....7

 3.1 Terminology.....7

 3.2 What type of permits are required?.....8

 3.3 What does it cost to apply for permits?.....10

4. California Cable Easement Application Review Process.....13

5. Duration, Timeframe, and Cable Removal.....15

Appendix: OSCAR Application Form.....16

1. Introduction

This document aims to provide information to the Department of State Lands (DSL), Department of Land Conservation and Development (DLCD), other state agencies, and relevant local governments about the State of California's Pacific Coast Management experience, permits' application, review, and authorization process for undersea cables.

House Bill 2603 (2021) requires reviewing and developing recommendations for amendments to Part Four of the Territorial Sea Plan that addresses the placement of telecommunication cables, pipelines, and other utilities in the territorial sea.

In developing recommendations, DLCD, DSL, and the Ocean Policy Advisory Council (OPAC) shall evaluate the permitting application process in the State of California.

This information is intended to assist DSL, DLCD, and OPAC in a coordinated permitting process for the placement of undersea cables on state-owned submerged or submersible lands within the Oregon Territorial Sea between appropriate state agencies and local and tribal governments.

The information in this document is based on the analysis of California state policy under the jurisdiction of the California State Lands Commission (CSLC) and the California Coastal Commission (CCC). Also, the information in this document is grounded on the interview with Kenneth Foster, Public Land Manager at the California State Lands Commission.

This document was prepared by:

Nataliya Stranadko, PhD
Submerged Cable Analyst
Planning and Policy Division
Department of State Lands
Nataliya.Stranadko@dsl.oregon.gov

2. California's Pacific Coast Management

The State of California manages its coastal zone through a partnership with the federal government established under the Federal [Coastal Zone Management Act](#) (CZMA). Passed in 1976, the Act calls to “Protect, maintain, and, where feasible, enhance and restore the overall quality of the coastal zone environment and its natural and artificial resources” and encourages state agencies’ involvement in achieving this goal. The CZMA established [the California Coastal Commission](#) (CCC) with the goal to protect, conserve, restore, and enhance environmental and human-based resources of the California coast and ocean for environmentally sustainable and prudent use by current and future generations.

In partnership with local governments (cities and counties), the CCC plans and regulates the use of land and water in the coastal zone. The Coastal Act includes specific policies that address issues such as shoreline public access and recreation, terrestrial and marine habitat protection, coastal agriculture, archaeological and paleontological resources, commercial fisheries, water quality, energy, and industrial development, transportation, power plants, ports, and public works.

Implementation of Coastal Act policies is accomplished through the preparation of [Local Coastal Programs](#) (LCPs) that are required to be completed by each of the 15 counties and 61 cities located in whole or in part in the coastal zone. Completed LCPs must be submitted to the CCC for review, approval, and certification. The Commission is required to review each certified LCP at least once every five years.

The coastal zone established by the Coastal Act does not include San Francisco Bay, where development is regulated by [the Bay Conservation and Development Commission](#).

Thus, the Coastal Commission and the Bay Conservation and Development Commission, along with [the California Coastal Conservancy](#) are three designated coastal management agencies for the purpose of administering the federal CZMA in California. Under California's federally approved Coastal Management Program, the CCC manages development along the California coast except for San Francisco Bay, where the San Francisco Bay Conservation and Development Commission oversees development. The third agency, the California Coastal Conservancy, purchases, protects, restores, and enhances coastal resources. The primary authorities for the Coastal Program are the [California Coastal Act](#), [McAteer-Petris Act](#), and [Suisan Marsh Preservation Act](#).

These three agencies have regulatory control (federal consistency review authority) over all federal activities and federally licensed, permitted, or assisted activities, wherever they may occur if the activity affects coastal resources. Examples of such federal activities include outer continental shelf oil and gas leasing, exploration, and development; designation of dredge material disposal sites in the ocean; military projects at coastal locations; U.S. Army Corps of Engineers fill permits; specific U.S. Fish and Wildlife Service permits; national park projects; and commercial space launch projects on federal lands.

[California State Lands Commission](#) (CSLC) acts on behalf of the landowner, and it manages 4 million acres of tide and submerged lands and the beds of natural navigable rivers, streams, lakes, bays, estuaries, inlets, and straits. These lands, often referred to as sovereign or Public Trust lands, stretch from the Klamath River and Goose Lake in the north to the Tijuana Estuary in the south, and the Colorado River in the east, and from the Pacific Coast 3 miles offshore in the west to Lake Tahoe in the east, and includes California's two longest rivers, the Sacramento and San Joaquin.

CSLC was established in 1938 by the [State Land Act](#) with a goal to protect and enhance these lands and natural resources by issuing leases for use or development, providing public access, and resolving boundaries between public and private lands. CSLC issues **easement authorization for undersea cables** and other utilities. CSLC consists of three members: the Lieutenant Governor, the State Controller, and the Governor's Director of Finance.

Considering the fast development of renewable energy projects, climate change, and sea level rise, the CCC and CSLC signed a [Memorandum of Understanding](#) in 2019. This Memorandum aims to facilitate the coordination and exchange of information between two agencies for project proposals requiring approval by the CCC, which may also implicate the CSLC's leasing jurisdiction, granted lands oversight responsibilities, or trustee interests under the Public Trust Doctrine.

The CSLC Environmental Science, Planning, and Management Division provides policy and project technical analysis to the Commission and ensures compliance with the [California Environmental Quality Act](#) (CEQA). This Division prepares Environmental Impact Reports, Mitigated Negative Declarations, and other environmental or public trust documents for land use changes within the Commission's jurisdiction and routinely comments on CEQA documents prepared by local, state, and federal agencies for projects impacting public trust lands and resources.

For projects coordination and issuing authorization and permits, the CSLC and CCC may cooperate with the California Department of Fish and Wildlife, Department of Parks and Recreation, State Water Resources Control Board, State Air Resources Board, Governor's Office of Planning and Research, Public Utilities Commission, the U.S. Army Corp of Engineers, the U.S. Coast Guard, federal and local jurisdictions, and tribal governments depending on the type of use and the location.

For example, the CCC conducted a federal consistency review in 2022 for two wind energy areas in California: the Humboldt Bay area and Morro Bay. The CSLC is currently reviewing its right-of-way application. The fast development of offshore wind was fostered by the adoption of the [Offshore Wind Energy Development Strategic Plan](#) for 2030 and 2045 by the California Energy Commission.

The CCC collaborates with local, state, and federal agencies on planning and regulatory review of offshore wind in California. For example, the Commission cooperates with the California Energy Commission, the California Department of Fish and Wildlife, the California Ocean Protection Council, and federal agency partners such as BOEM and NOAA. In addition, the CCC has begun coordinating

with Oregon and Washington to explore the challenges and opportunities offshore wind brings to the West Coast.

Figure 1 shows the geographical coverage of the California Coastal Zone Management Act, where state agencies and local governments have their jurisdictions.



Figure 1. The geographic coverage of the California Coastal Zone Management Act
(Source: California Coastal Commission)

3. Permitting Process

3.1 Terminology

Terms used in this document have the same meaning outlined in federal and state laws, California agencies rules, guides, and programs.

“Sovereign Lands” means the beds of all the State's natural, navigable waterways, and tide and submerged lands, including those adjacent to the coast and offshore islands of the State from the ordinary high water mark to three geographic miles offshore. On tidal waterways, the State's sovereign fee ownership extends landward to the ordinary high water mark, except for areas of fill or artificial accretion, in which case the boundary is fixed at the location of the last ordinary high water mark prior to artificial influences, or where the boundary has been fixed by agreement or a court order. On navigable non-tidal waterways, including lakes, the State holds fee ownership of the bed of the waterway landward to the ordinary low water mark.

“Permit” means any license, certificate, approval, or other entitlement for use granted or denied by any public agency which is subject to the provisions of the California Coastal Act.

“Right-of-Way” is an authorization issued by the California Lands Commission.

“Fill” means earth or any other substance or material, including pilings placed for the purposes of erecting structures thereon, placed in a submerged area.

“Development” means, on land, in or under water, the placement or erection of any solid material or structure; discharge or disposal of any dredged material or of any gaseous, liquid, solid, or thermal waste; grading, removing, dredging, mining, or extraction of any materials; change in the density or intensity of use of land, including, but not limited to, subdivision pursuant to the Subdivision Map Act, and any other division of land, including lot splits, except where the land division is brought about in connection with the purchase of such land by a public agency for public recreational use; change in the intensity of use of water, or of access thereto; construction, reconstruction, demolition, or alteration of the size of any structure, including any facility of any private, public, or municipal utility; and the removal or harvesting of major vegetation other than for agricultural purposes, kelp harvesting, and timber operations which are in accordance with a timber harvesting plan submitted pursuant to the provisions of the Z'berg-Nejedly Forest Practice Act of 1973.

“Structure” means any manmade construction.

“Person” includes any individual, firm, partnership, business entity, business trust, association, corporation, or governmental entity or agency.

“Lease” includes a permit, right-of-way, easement, license, compensatory agreement, or other entitlement of use.

3.2 What type of permits are required?

California State Lands Commission (CSLC) manages 4 million acres of sovereign lands and has a proprietary authority, meaning CSLC acts on behalf of the landowner.

Any project taking place on or over state lands requires to have leases or permits from CSLC. Leases or permits have broad discretion in all aspects of leasing, including the category of lease or permit and which use, method, or amount of rental is most appropriate, whether competitive bidding should be used in awarding a lease, what term should apply, how rental should be adjusted during the period, whether bonding and insurance should be required and in what amounts, whether an applicant is “qualified,” etc. based on what it deems to be in the best interest of the State.

There are ten categories of leases the CSLC issues ([Cal. Admin. Code tit. 2, § 2002, 2 CA ADC § 2002](#)). For uses such as telecommunications cables, power lines, pipelines or outfall lines, the applicant must obtain a **right-of-way** from CSLC. The removal of sediment may require a **dredging** lease. Use includes all salvage operations on sovereign lands under the Commission's jurisdiction require a **salvage permit**. Salvage operation means any activity, including search by electronic means, or exploration or excavation using tools or mechanical devices, with the objective of locating, and recovering, removing, or repositioning vessels, aircraft, or portions thereof, or any other cultural object from the surface or subsurface of sovereign lands.

Any lease issued by CSLC is a contract with an expiration date, bonds, insurance, and special provisions. All leases are discussed in the Commission and must be voted on and approved as part of the application process.

Any development activity in the coastal zone requires a **coastal development permit** from the California Coastal Commission (CCC) or local government with a certified Local Coastal Program (LCP). The width of the coastal zone varies, but it can extend up to five miles inland from the shore, including private and public property, and three miles out to sea. Examples of development activity include, but are not limited to: demolition, construction, replacement, or changes to the size of a structure; removal of, or placement of rock, soil, or other materials; clearing of vegetation in, or that provides, sensitive habitat.

A **grading permit** from local governments is most commonly required if: 1) excavating greater than 5 feet deep or more than 200 cubic yards, and 2) placing fill to support any structure, fill deeper than 3 feet, or more than 200 cubic yards. Figure 2 summarizes the types of leases and permits in the State of California. Some projects may require other permits from the California Department of Fish and Wildlife, the Department of Parks and Recreation, the U.S. Army Corp of Engineers, the U.S. Coast Guard, federal and local jurisdictions, and tribal governments depending on the type of use, and the location.

The applicant may obtain use authorization and permits through a “one window” application process called the “Online System for Customer Applications and Records” (OSCAR)¹, which was implemented 3-4 years ago in California. Once the application is submitted, depending on the project type, complexity, and location, interagency consultation determines a lead agency for this project.

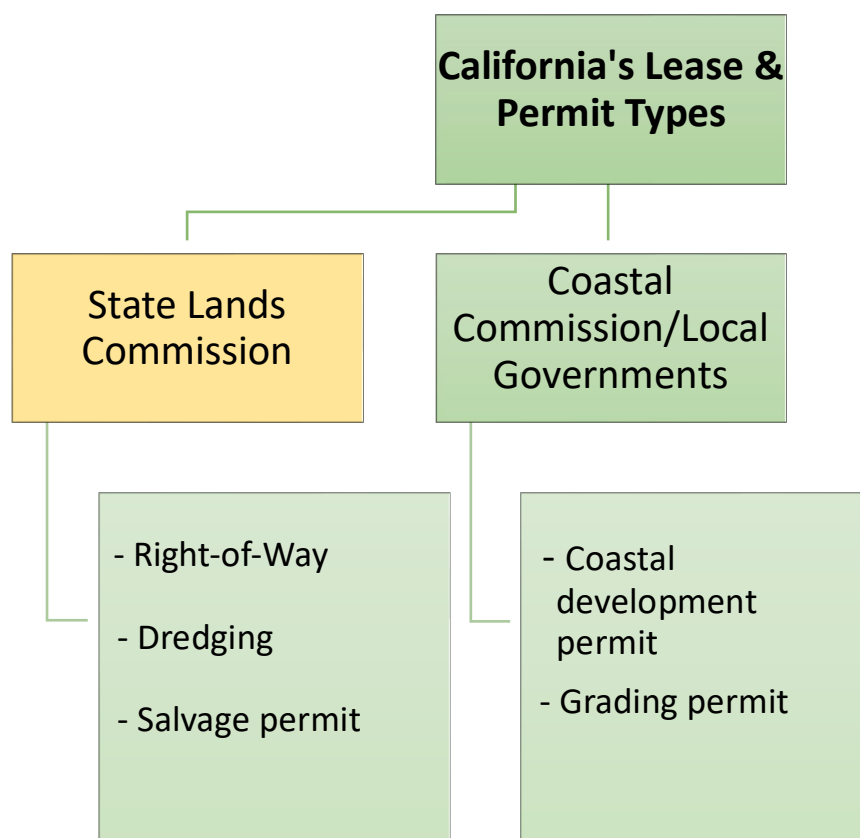


Figure 2. Types of Leases and Permits in the State of California that may relate to the undersea cable projects

¹ California Online System for Customer Applications and Records (OSCAR) <https://oscar.slc.ca.gov/>

3.3 What does it cost to apply for permits?

Each application for a **cable and other utility easement** crossing the state waters shall be accompanied by (i) an application fee, (ii) an approximate expense deposit (AED) based on category, (iii) a use rental fee, and (iv) environmental damage fee where it is appropriate.

Type of Fee:	Costs/Explanation:	
Application Fee	OSCAR	\$25
Approximate Expense Deposit (AED)* based on category	Right of Way (uses such as roadways, power lines, pipelines, or outfall lines)	\$2500
Use Rental Fee	Minimum	\$503
	9% of the appraised value of the land	-
	A percentage of annual gross income	
	Comparison to rents for other similar land or facilities	
	\$0.05 per diameter inch per lineal foot of pipeline, conduit, or fiber optic cable	
	Benchmarks for regions where there are large concentrations of similar facilities	
Environmental Damage Fee	Negotiable	
Insurance, Bonds, and Other Security	Negotiable	

* The AED applies to routine or uncomplicated applications and includes services such as: initial title determination, preparing and circulating environmental documents, coordination with appropriate public agencies, field inspection, preparing the authorization requested and land description, and office technical review. Other reimbursable services may include: searching records or ordering title reports; resource appraisals or evaluations; duplicating and mailing documents or reports; supervising or field monitoring of archaeological, biological, geological, air quality or other requisite surveys or studies, publishing legal notices and holding public hearings, and negotiation of lease provisions including terms and conditions. More intensive projects may necessitate additional expenses.

The California State Lands Commission (CSLC) has two types of application fees. The first type is a nominal non-refundable \$25 application fee. The second type is an approximate expense deposit (AED). For AED, the Commission requires to cover staff costs for the application process. When the CSLC processes an application, its staff constructs a monthly timesheet called a 'reimbursable agreement.' Each has a unique number and account. When CSLC staff fill out a timesheet, they use those code numbers, and the accounting office appropriately applies them in their reimbursable agreement. For example, for fiber optic cables, there is an average of \$2500 AED. If staff time exceeds that number, CSLC sends the applicant an additional bill to pay an account or get a refund. For a new fiber optic project, CSLC looks at a nominal amount upfront once the application is submitted. Then, the Commission surveys its staff from different divisions (e.g., environmental planning or engineering staff) and asks them to estimate costs based on what they have seen in the application and what would be required for review, coordination and preparation. Then CSLC comes up with the number and shows it to the applicant. The Commission can ask to pay upfront at the time of application, or depending on the type of project, CSLC can set up a monthly bill as they go.

For fiber optic cables, CSLC charges a compensation fee appropriately because telecommunication cables use state land for profit.

For the use rental fee, CSLC applies [benchmark methodology](#) (Figure 3).

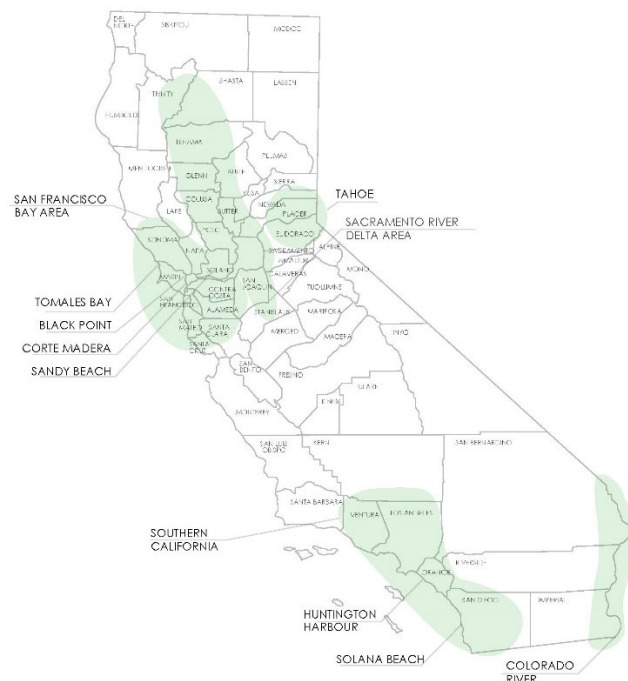
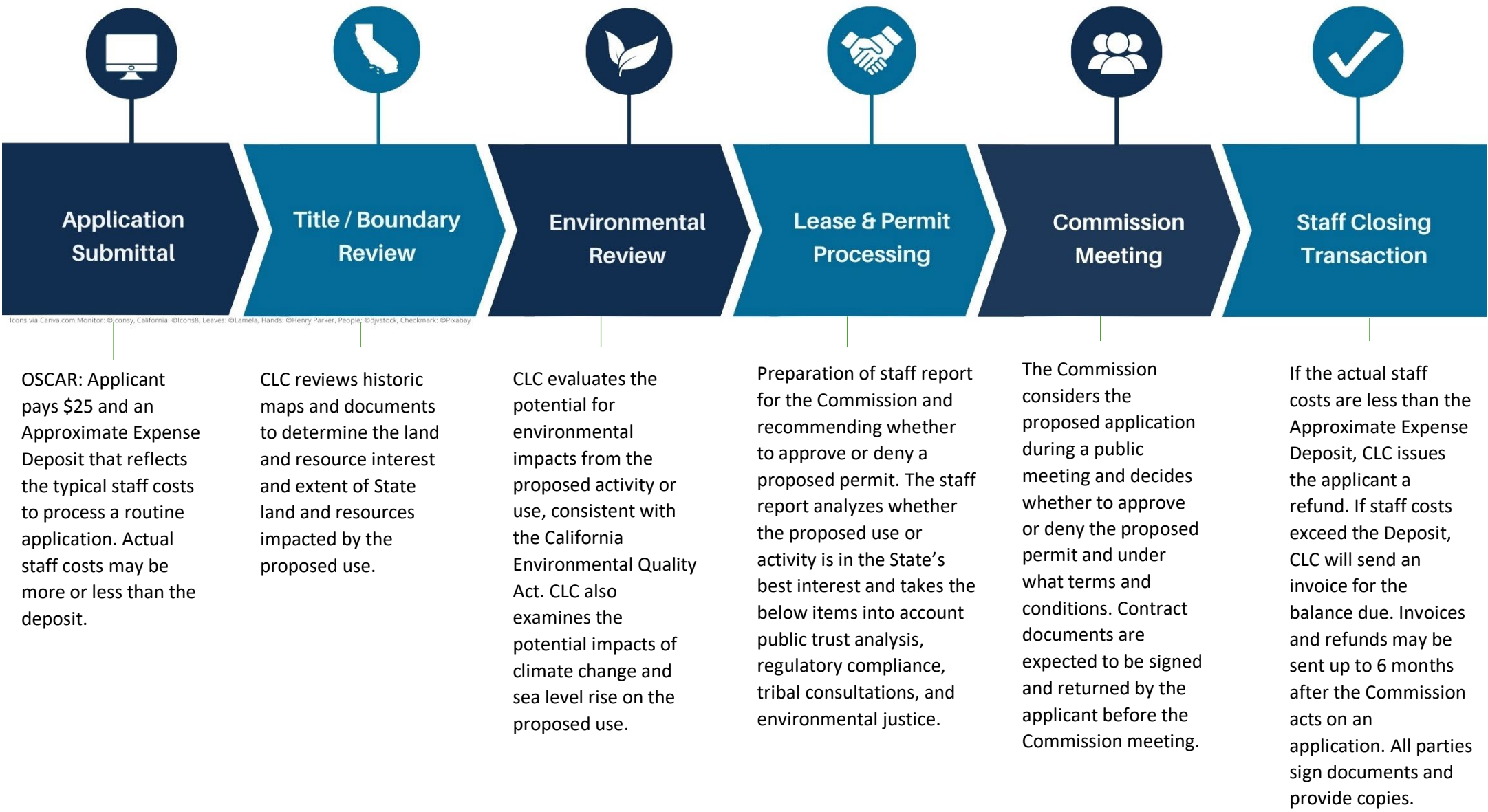


Figure 3. California state Lands Commission Benchmarks

The Commission can look at similar facilities, market conditions, and industry standards. For fiber optic cables, CSLC uses a couple of ways to calculate rent. First, look at cable length and diameter and apply 5 cents per lineal foot. This method allows the Commission to come up with possible rent amounts. The second way is a payment of \$5 per linear foot established based on CSLC appraisal, not in traditional standard. Several years ago, CSLC appraisal staff surveyed other states about the use rental fee for fiber optic cables. The Commission learned that some states applied \$10 per linear foot, and another states - \$1. Thus, CSLC established an average of \$5 per linear foot for fiber optic cables. However, depending on the cable project, CSLC can use a land value appraisal to look at the industrial land value for the right-of-way lease. Therefore, there is a possibility for different calculation methods that are discussed with applicants.

4. California Cable Easement Application Review Process



California does not have a mandatory pre-application meeting. However, CSLC encourages applicants to come to talk to them before applying to get a general idea about the project and to whom to speak in California Coastal Commission and the U.S. Army Corp of Engineering or other federal agencies. The informal meeting helps CSLC understand the project's complexity, timelines, and expectations. CSLC works with many companies not based in California, so they are not familiar with the California process, and there is a learning curve for them. Thus, CSLC facilitates and streamlines a process as much as possible and reviews projects that would be in the best interest of the State to advocate for their citizens (public trust analysis). This is informally considered a pre-application meeting.

CSLC does coordinate with other agencies. For instance, California has the first offshore wind energy application under review. For this project, five pre-application meetings were held separately with the general public, federal and state agencies, tribes, and environmental justice groups. It is not typical for each project, but it was the first application for a brand-new offshore wind energy project, and all concerns from local groups must be considered.

After a pre-application meeting, the applicant submits an online application via the OSCAR system for further review. First, CSLC needs to determine what the lead agency would be to do an environmental review according to Environmental Quality Act. Then, CSLC follows that coordination process with a lead agency.

Once the application is submitted, CSLC has 30 days to review it and determine whether it is complete or incomplete. CSLC looks at several different things to make a determination. For instance, the Commission looks at a piece of property, cable location, rent involved, and a level of review under the specific category. In addition, a negative mitigation declaration and an environmental impact report need to be agreed upon and submitted. Once the application is complete, a review timeframe depends on the lead agency. CSLC coordinates with CCC according to the Memorandum of Understanding.

5. Duration, Timeframe, and Cable Removal

Duration

Leasing terms are varied from 10 years up to 45 years, depending on the project. In the past, CSLC issued a lease for 49 years, with no rent involved, just one application fee. But California's experience showed that things are changing very fast. For example, the responsible company may no longer exist because other companies absorb it, districts are merged, governors and policies are changed, and state priorities change.

For fiber optic cables, CSLC issues the right-of-way for 15-20 years because the physical environment changes in terms of sea level rise and environmental regulatory changes. So, the tendency is going to shorter-term leases, but there is no standard or mandated number; it is a case by case.

Timeframe

Once CSLC receives the application, it could take 180 days (6 months) up to two years to issue an easement authorization. The application process depends on project complexity, documents and permits in place, survey results, a lead agency's staff availability, and needs to coordinate the project with other agencies.

Cable Removal Requirements

In the terms and conditions, CSLC has different sections about recycling, rent requirements, and monitoring every five years for burial cable. Once the lease termination happens, the company needs to restore the area used to the primary conditions and remove the cable, at least in the state waters.

In some cases, it is not feasible to remove the cable. In this case, CSLC requires removing a part of the cable, but with the provision that if any parts become exposed in the future, the company is still responsible for this cable.

It does not apply to old leases, but these days a default option is cable removal. A secondary option is cable abandonment if the company can demonstrate that removal is more environmentally damaging than leaving the cable in the seabed. However, CSLC requires a level of analysis study that proves that cable removal is more damaging. From California's experience, the Commission found that it costs money to the state later on when those cables become exposed. Thus, there has been a push in the last 5-10 years to require removal.

STATE OF CALIFORNIA – STATE LANDS COMMISSION

APPLICATION FOR USE OF STATE LANDS**IDENTIFICATION OF APPLICANT AND CONTACT INFORMATION***(Please provide the information as requested on separate pages as necessary)*

Applicant:

Name:		
Mailing Address:		
City:	State:	Zip:
Phone 1:	Phone 2:	
E-mail Address:		

Applicant's authorized agent or representative (if any):

Name:		
Mailing Address:		
City:	State:	Zip:
Phone:	FAX:	
E-mail Address:		

Notice to individual(s) (natural person(s)): The personal information in this Identification of Applicant and Contact Information page will not be subject to public disclosure. See Privacy Notice in Part IV of this Application for additional information.

This page intentionally left blank

The information submitted by the Applicant or Agent is the basis for action by the Commission. Any change to the information during the application process may require an amendment to the application. If the Commission authorizes the proposed project and it is not constructed or utilized as authorized or the conditions of the authorization are not met, this may constitute a default of any lease¹, permit or agreement granted. The Commission may terminate the lease, seek ejectment, removal of any improvements, impose fines, or take other appropriate actions.

The submission of an application provides no assurance that the application to occupy or use state lands will be approved. The authorization to use State lands is not effective until the Commission has authorized a lease, permit, or agreement and the document has been executed by both the Applicant and the Commission. Until this process is complete, an Applicant has no legal right to occupy or use State lands.

An application is **not transferable** to another party. If you are an Agent, you must disclose your status, your authorization to act on behalf of the Applicant, and the principal's identity. A separate application must be submitted if a new principal seeks authorization or if a new party wants to be added to an already submitted application.

If an application becomes inactive for a period of 6 months, the application may be terminated and all fees submitted with the application will be forfeited, subject only to the return of any unused deposit of processing fees. An application will be considered inactive if the Applicant fails to provide requested information.

Staff is available to discuss the application process, the information needed to complete the application, or answer any questions or concerns throughout the application process.

PART I

GENERAL DATA

PART I - SECTION A: IDENTIFICATION OF APPLICANT

1. Applicant:

Name:

2. Applicant's authorized agent or representative (if any):

Name:

The Applicant's authorized agent or representative must submit evidence of the agency agreement.

¹ For the purposes of this application, *lease* means any form of permission to use State lands.

3. Who should receive correspondence relevant to this application? (Check **only** one)

☐ Applicant

OR

☐ Agent Representative

PART I - SECTION B: LEGAL STATUS OF APPLICANT

Please check one of the following and submit the required information:

☐ INDIVIDUAL(S): (See Privacy Notice in Part IV of Application)

☐ TRUST(S): Attach a copy of the trust certification(s).

☐ CORPORATION²

☐ PARTNERSHIP³

☐ LIMITED LIABILITY COMPANY⁴

² Attach a Certificate of Incorporation issued by the State of incorporation with the Certificate of Good Standing of Foreign Corporation issued by the Secretary of State of California authorizing the transaction of business in California, if applicable; Articles of Incorporation and/or By-Laws; a certified statement of the names of the corporate president, secretary and officer(s) authorized to execute contracts; and a board resolution or other evidence of authority to enter into the requested transaction.

³ Attach a certified copy of the partnership statement and partnership agreement. If no partnership statement has been filed in the county in which the partnership does business, please make that clear on the application and provide all information about the partnership. See Privacy Notice in Part IV of Application if partners are individuals.

⁴ Attach a copy of the Articles of Organization and Certificates of Amendment issued by the State; company organization; and operating rules and regulations.

☐ PUBLIC AGENCY⁵

☐ OTHER: State the nature, membership, and other particulars regarding the legal status of Applicant. Provide legal documentation establishing the authority of Applicant to enter into the requested transaction and designating who is authorized to act on behalf of Applicant.

PART 1 - SECTION C: PROJECT LOCATION

Address of State Land or Nearest Upland Address:

County:

City, or if unincorporated, nearest City:

Assessor Parcel Number(s) of Parcel(s) to be Leased or Nearest Property:

If the Assessor Parcel Number is unknown, please provide the Township, Range, Section, and Reference Meridian:

Waterway (if Area/Parcel to be used is in or near a Waterway):

⁵ Generally, all leases require rent. However, public agencies may qualify for a rent-free lease if the project provides a statewide, as compared to a primarily local, public benefit. The Applicant must submit a written statement of justification requesting rent-free status. The State Lands Commission, at its sole discretion, shall determine whether a statewide public benefit is derived from the project. (Leases involving "School Lands" cannot qualify for rent-free status.)

PART I - SECTION D: AUTHORIZATION REQUESTED AND ESTIMATED COSTS

Unless otherwise provided, the Applicant must reimburse the Commission for services reasonably necessary to process this application⁶. All applications must include a non-refundable \$25 filing fee. Additionally, the Applicant must submit the approximate expense deposit (AED) based on the category of application, as listed below. Any unused portion of the AED will be refunded, and any additional expense may be billed. Staff will notify the Applicant if additional funds are required to complete this application. If the Applicant wishes to dispute the costs or terminate the application, they shall notify staff within 15 days of being advised of any estimated cost increase. A separate reimbursement agreement may be used to formalize any AED of \$5,000 or more.

1. Please check the type(s) of activity for which you are seeking Commission authorization (check all that apply):

- ☐ Recreational (personal uses that do not generate income, such as docks, piers or buoys, typically used by the adjacent upland owner.) (AED: \$1,500)
- ☐ Recreational and Protective Structure Use (personal uses that do not generate income, as stated above, and including protective structure such as a seawall or rip rap bankline protection.) (AED: \$1,500)
- ☐ Commercial/Industrial (income producing uses such as marinas, restaurants, clubhouses, commercial piers or facilities, docks, moorings, buoys, helicopter pads, decks, fuel service facilities, oil terminals, piers, wharves, warehouses, and storage sites.) (AED: \$20,000)
- ☐ Right-of-Way (uses such as roadways, power lines, pipelines, or outfall lines.) (AED: \$2,500)
- ☐ Public Agency (public works such as roads or bridges; public recreational, ecological or open space purposes.) (AED: \$3,000)
- ☐ Protective Structure (uses such as riprap, seawall, groins, jetties, breakwaters, deflectors, and bulkheads.) (AED: \$2,500)
- ☐ Grazing or other Agricultural Use (AED: \$2,500)

⁶ The AED applies to routine or uncomplicated applications and includes services such as: initial title determination, preparing and circulating environmental documents, coordination with appropriate public agencies, field inspection, preparing the authorization requested and land description, and office technical review. Other reimbursable services may include: searching records or ordering title reports; resource appraisals or evaluations; duplicating and mailing documents or reports; supervising or field monitoring of archaeological, biological, geological, air quality or other requisite surveys or studies, publishing legal notices and holding public hearings, and negotiation of lease provisions including terms and conditions. More intensive projects may necessitate additional expenses.

APPLICATION FOR USE OF STATE LANDS

SLC 702

- ☐ Dredging (please check if any portion of the proposed project will involve dredging during construction or ongoing maintenance of the project.) (AED: \$1,500)
- ☐ Geological/Geophysical Survey Permit (no economic development) (AED: \$5,000)
- ☐ Geothermal Resources Prospecting Permit (AED: \$5,000)
- ☐ Geothermal Resources Lease (AED: \$10,000)
- ☐ Mineral Prospecting Permit (geologic mapping and surface sampling only) (AED: \$3,000)
- ☐ Mineral Prospecting Permit (includes excavation) (AED: \$5,000)
- ☐ Mineral Extraction Lease (preferential or negotiated) (AED: \$10,000)
- ☐ Sand or Gravel Extraction (AED: \$5,000)
- ☐ Oil and Gas Lease/Agreement (negotiated, subsurface development only) (AED: \$10,000)
- ☐ Modification of Right of Surface Entry (reserved mineral interest lands) (AED: \$10,000)
- ☐ Other (please describe): _____
(AED: Please contact Commission staff)

2. Please indicate whether you are seeking Commission authorization for (check all that apply):

- ☐ A lease, permit, or agreement for a proposed new use of State-owned land.
- ☐ A lease, permit, or agreement for the continuation of an existing use of State-owned land not previously under lease.
- ☐ A new lease, permit, or agreement where a prior lease or permit was issued. Please indicate PRC # _____
- ☐ An amendment of an existing lease, permit, or agreement. Please indicate PRC # _____
- ☐ An assignment of an existing lease, permit, or agreement. Please indicate PRC # _____
- ☐ An extension of an existing mineral or geothermal prospecting permit. Please indicate PRC # _____
- ☐ A lease renewal of an existing mineral extraction lease. Please indicate PRC # _____
- ☐ A sublease of an existing lease, permit, or agreement. Please indicate PRC # _____
- ☐ Consent to encumber an existing lease. Please indicate PRC # _____
- ☐ Other (please describe): _____

PART II

SPECIFIC PROJECT/USE DESCRIPTION

PART II - SECTION A: CLASSIFICATION OF USE

1. Does the proposed or existing project involve a **MARINA OR OTHER MULTIPLE BERTHING FACILITY**?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental A-1
2. Does the proposed or existing project involve a **LAUNCH RAMP OR OTHER LAUNCHING FACILITY**?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental B-1
3. Does the proposed or existing project involve **DREDGING OR DREDGED MATERIAL DISPOSAL**?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental C-1
4. Does the proposed or existing project involve **GRAZING**?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental D-1
5. Does the proposed or existing project involve a **PIPELINE**?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental E-1
6. Does the proposed or existing project meet the definition of a **COMMERCIAL** or **INDUSTRIAL** use (as defined in Part I, Section D)?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental F-1
7. Is the application for a **GEOTHERMAL** or **MINERAL PROSPECTING OR EXTRACTION PERMIT**?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental G-1
8. Is the application for an **OIL & GAS** Lease?
 - A. ☐ Yes ☐ No
 - B. If yes, please complete Supplemental H-1

9. Is the application for a Mooring in **TOMALES BAY**?
- A. ☐ Yes ☐ No
- B. If yes, please complete Supplemental I-1
10. Is the application for a **MODIFICATION OF RIGHT OF SURFACE ENTRY**?
- A. ☐ Yes ☐ No
- B. If yes, please complete Supplemental J-1
11. Does the proposed or existing project involve **SAND OR GRAVEL EXTRACTION**?
- A. ☐ Yes ☐ No
- B. If yes, please complete Supplemental K-1
12. Does the proposed project involve **GEOLOGICAL SURVEYS**?
- A. ☐ Yes ☐ No
- B. If yes, please complete Supplemental L-1
13. Does the proposed project involve **GEOPHYSICAL SURVEYS**?
- A. ☐ Yes ☐ No
- B. If yes, please complete Supplemental M-1

Please attach separate sheets as necessary to provide sufficient information.

PART II - SECTION B: PROJECT DESCRIPTION

1. Do you own the property landward of, or adjacent to, the State lands you seek to use?
- A. ☐ Yes ☐ No
- B. If yes, please submit a copy of the current vesting document (deed) for the property. If this is a request for the continuation of an existing use of a prior lease and ownership has changed since the prior lease or permit was authorized, please submit copies of the intervening ownership vesting documents (chain of ownership) to the current deed.
- C. If no, please submit a copy of a lease, permit, or other evidence of your right to access the State lands you seek to use.
2. Please provide a brief description of the proposed or existing use of the State land.
3. If available, submit a legal description, tied to a monument or monuments of record, of the area to be leased from the State. The requested area must include the land occupied by the structures or otherwise needed for the proposed project.

4. Please provide photographs, taken within one year of submission, of the State lands you seek to use.
- A. Label all photographs and list the date the photograph was taken.
 - B. If the use will take place along the open coast, please include photographs from the winter/spring (Dec-Apr) and summer/fall (May-Nov).
 - C. If the State lands you seek to use are a water body, then provide photographs looking towards the upland property and photos looking to both sides and out toward the State lands.
 - D. Provide photographs of any improvements or structures on the State lands and the adjoining uplands.

PART II - SECTION C: PROJECT DESCRIPTION FOR APPLICATIONS INVOLVING NEW CONSTRUCTION, EXPANSION, ALTERATIONS, CHANGE OF USE, OR USE(S) NOT PREVIOUSLY AUTHORIZED BY THE COMMISSION

1. Does your project involve new construction, expansion, alterations, change of use or use not previously authorized by the Commission?
- A. ☐ Yes ☐ No ☐ Maybe
 - B. If no, please explain the nature of your application request.
(Go to Part III Environmental Data)
2. Will there be any type of construction activities, such as construction of new structures⁷, reconstruction or demolition of structures, or alterations of the size of any structure?
- A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe in detail the construction activities, the construction methods and equipment that will be used and the anticipated time frame for construction activities.
3. Will there be any alteration of land or water, such as grading, altering or removing vegetation, dredging, mining, extraction of any materials, grazing, kelp harvesting, timber operations, change in the intensity of use of land or water, or discharge or disposal of any dredged material or of any gaseous, liquid, solid, or thermal waste?
- A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe the activities.

⁷ A "structure" includes, but is not limited to, any building, pier, buoy, wharf, road, pipe, flume, conduit, siphon, aqueduct, fiber optic cable, electrical power transmission and distribution line, shoreline protective structure, or any other improvement on State land.

APPLICATION FOR USE OF STATE LANDS

SLC 702

4. Will there be a change in pattern, scale, or character of the land use at or in the general area of the project?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
5. Will the project involve or adjoin a water body?
- A. ☐ Yes ☐ No
- B. If yes, please include the following:
1. Information on the linear extension of the proposed project into and along the water body; and
 2. Identify any project features that you believe will avoid or mitigate any effects of moving vessels (e.g., wave wash) on the proposed facility or shore of the water body; and
 3. Provide the size of the proposed project relative to any other improvements or facilities within 100 feet upstream or downstream of the proposed project site, including facilities on the opposite bank; and
 4. How the project has been sited away from wetlands, shellfish resources, submerged aquatic vegetation, and critical habitat areas.
6. Will there be any change in ocean, bay, lake, stream, or ground water quality or quantity, or existing drainage patterns?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information regarding the change.
7. Will the project affect any levees in the project area?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please identify existing ecological or habitat features along the levee and any proposed alterations or modifications to the levees, including any impacts to associated ecological or habitat features.
8. Will there be a change in scenic views from existing residential areas, public lands, or roads?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.

APPLICATION FOR USE OF STATE LANDS

SLC 702

9. Provide a project development plan including a full set of design plans that show the proposed improvements, existing topographic features, and dimensions of the area to be occupied (including any water body, if applicable). (This should include identification of the width of the waterway at the project site, if applicable.) Information should include:
 - A. A detailed plan or plot of proposed use areas and existing and proposed structures showing their locations and dimensions with respect to property lines and, if applicable, high and low water lines with reference to the datum of water line elevation used at the location; and
 - B. The nature and location of all significant project features, including, but not limited to, the number, size, and design of any berths, boat ramps, or launches; the type, dimensions, and location of any associated commercial facilities, utilities, parking, public access, and marine services; and any proposed exterior lighting or other security measures; and
 - C. The type and location of any existing vegetation which will be preserved, any existing vegetation proposed for removal, and any planned restoration of vegetation or landscaping.
10. Describe the project site and the surrounding properties as they presently exist. Include information on such as topography, soil stability, plants and animals, and any cultural, historic, or scenic aspects. Please include the following:
 - A. Describe any existing structures on the site, the use of the structures, and whether they will be retained or removed; and
 - B. Submit a vicinity map (minimum of 8 ½" x 11" with scale) showing the general area and the project site in relation to the shoreline (if applicable), major roadways, and other landmarks. Include, if available, features such as: city and county boundaries; scale and date; section, township, range, and base & meridian; U.S. Geological Survey quad sheet name(s); and Assessor's parcel or lot numbers; and
 - C. Include information regarding known historic or archaeologically significant values within the site. This information may be obtained from the California Historic Resources Information System Information Center for the county in which the project is to be located (For more information click on the CHRIS tab at www.ohp.parks.ca.gov); and
 - D. Indicate the type of land use (e.g. residential, commercial, agricultural, etc.), intensity of land use (e.g., single-family dwellings, apartments, retail, etc.), and the scale of existing development.

11. Is any portion of the project site on the list of known hazardous materials sites also known as the “Cortese List” maintained by the California Environmental Protection Agency? (For more information see: <http://www.calepa.ca.gov/SiteCleanup/CorteseList/> and Government Code section 65962.5.)

A. ☐ Yes ☐ No

B. If yes, please provide a signed statement containing the following information:

1. Name of the Applicant;
2. Address;
3. Phone Number;
4. Address of site (street name and number if applicable, and ZIP code);
5. Local agency (city/county);
6. Assessor’s book, page, and parcel number;
7. Specify any list pursuant to Section 65962.5 of the Government Code;
8. Regulatory identification number; and
9. Date of list.

PART II - SECTION D: PROJECT SITING AND FEASIBILITY

1. Are there any environmental or health impacts to the community associated with your proposed or existing use? (For example: air quality, water quality, soil contamination, traffic, noise pollution, public access)

A. ☐ Yes ☐ No ☐ Unknown

B. If yes, please provide the following information:

1. What are the impacts?
2. How were the impacts determined?
3. How are you proposing to minimize, reduce or eliminate the environmental or health impacts of your proposed or existing project?
4. What outreach activities have been or will be conducted with impacted communities regarding this proposed or existing project?

2. Are there any impacts to already burdened or disadvantaged communities? (Cal EnviroScreen⁸, for more information please see <https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>)
- A. ☐ Yes ☐ No ☐ Unknown
- B. If yes, please provide the following:
1. What are the impacts?
 2. How were the impacts determined?
 3. How are you proposing to minimize, reduce or eliminate the negative impacts of your proposed or existing project?
 4. What outreach activities have been or will be conducted with impacted communities regarding this proposed or existing project?
3. Are you aware of any Tribes or Tribal communities impacted by your proposed or existing use?
- A. ☐ Yes ☐ No

PART II - SECTION E: PUBLIC BENEFIT

1. Does your proposed or existing use provide a statewide or regional public benefit?
- A. ☐ Yes ☐ No
- B. If yes, please describe any statewide or regional benefits and the extent to which such benefits are provided by other facilities in the vicinity of the proposed site. Describe how the project will impact existing public use and what considerations were given to improving public use and access.

PART II - SECTION F: OTHER GOVERNMENTAL JURISDICTIONS

You may be required to submit a copy of local approvals (city and county) for your project prior to consideration of your application by the Commission. If you cannot obtain local approval of your project prior to consideration by the Commission, you must submit a letter or other document from the local agency setting forth the status of your local application and any concerns the local governmental agency has regarding your project.

Please provide the following information:

1. If applicable, submit the following with the application: (A) U.S. Army Corps of Engineers Public Notice or Letter of Approval for the project; (B) the number assigned to the project from the San Francisco Bay Conservation and Development Commission or California Coastal Commission; and (C) copies of any previously obtained existing approvals; (D) permits from local agencies, including but not limited to planning, water and air quality

⁸ CalEnviroScreen is a screening tool that evaluates the burden of pollution from multiple sources in communities while accounting for potential vulnerability to the adverse effects of pollution. CalEnviroScreen ranks census tracts in California based on potential exposures to pollutants, adverse environmental conditions, socioeconomic factors and prevalence of certain health conditions. Data used in the CalEnviroScreen model come from national and state sources.

agencies. Note: you may be required to submit the results of any consultation, e.g., Letter of Concurrence or Biological Opinion from the U.S. Fish and Wildlife Service or National Marine Fisheries Service, for your project prior to consideration of your application by the Commission.

2. Is there a General Plan or Specific Plan that includes the area in which the project will be located?
 - A. ☐ Yes ☐ No
 - B. If yes, what is the land use designation and zoning?
 1. Will the project require an amendment of the General or Specific Plan?
 2. Will a variance from the existing zoning be required?
 - C. Provide the contact information for the local jurisdiction.

PART III

PROJECT ENVIRONMENTAL DATA

PART III - SECTION A: CLIMATE CHANGE AND SEA LEVEL RISE

1. Is your proposed or existing use located in a tidally influenced area?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If no, please go to Part III, Section B
2. Does the city or county have a Local Coastal Program, Sea Level Rise Vulnerability Assessment, Hazard Mitigation Plan, or any other local plans or reports that discuss sea-level rise and coastal climate change impacts?
 - A. ☐ Yes ☐ No ☐ Unknown
 - B. If yes, please provide a copy or link to the information.
3. State the expected economic life of the proposed or existing improvements and how those improvements already or will adapt to the following sea-level rise scenarios.⁹
4. Describe existing public use of the water body and adjacent uplands, the type and frequency of the public use, and any existing public access to the water body across the project site.
5. Does the area experience flooding, storm surge, or wave run up or action during any portion of the year?
 - A. ☐ Yes ☐ No
 - B. If yes, please describe the extent, duration, and frequency of these events.

⁹ Adapted from Table 5.3, p. 96, 2012 National Research Council (NRC) report, Seal-Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future. These are Mid to High ranges from NRC 2012, currently considered the best available science by the State of California. The Commission recommends excluding the Low projected ranges and basing risk evaluations on Mid to High scenarios, as best available information indicates the low range is no longer attainable as it corresponds to a global greenhouse gas emission scenario that is unlikely.

6. Are there any components of the structure, activity, or use able to withstand the impacts from flooding, extreme weather, or sea level rise?
- A. ☐ Yes ☐ No
- B. If yes, please describe in detail, and if possible, submit photographs identifying the components.
7. Check all the resilient design features you have considered integrating into the proposed or existing use:
- ☐ Natural Infrastructure
 - ☐ Living Shorelines
 - ☐ Stormwater Management
 - ☐ Drainage Systems (bioswales, leach fields, rain gardens, natural water retention ponds, etc.)
 - ☐ Beach Nourishment
 - ☐ Hard Infrastructure
 - ☐ Sea Wall ☐ Bulkheads
 - ☐ Rock Riprap ☐ Flood Gates
 - ☐ Dikes ☐ Groins
 - ☐ Jetties ☐ Levees
 - ☐ Upgrades to Infrastructure
 - ☐ Longer buoy lines
 - ☐ Environmentally safe paint
 - ☐ New buoy anchors
 - ☐ Non-corrosive building material
 - ☐ Elevating structures
 - ☐ Relocation of Infrastructure
 - ☐ Retreat
 - ☐ Other (please describe): _____
 - ☐ No Action

PART III - SECTION B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

All phases of a project, such as planning, acquisition, development, and operation, shall be considered when evaluating its impact on the environment.

1. Will the proposed or existing use effect any known rare, threatened, or endangered species of plant or animal within a one-mile radius of the proposed project site?¹⁰
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
2. Will the proposed or existing use introduce or spread non-native species?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
3. Will there be any impacts to plants, animals, or wildlife habitat?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
4. Will there be a change in demand for municipal services (e.g., police, fire, water, sewage, electricity, or gas)?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
5. Will the proposed or existing use generate solid, liquid, or gaseous waste or litter?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe the disposal methods for the waste generated by the proposed or existing use.
6. Will the proposed or existing use violate any air quality standard or contribute substantially to an existing or projected air quality violation?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
7. Will the proposed or existing use change the amount of greenhouse gas emissions?
 - A. ☐ Yes ☐ No ☐ Maybe
 - B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.

¹⁰ This information is available through CA Department of Fish and Wildlife (<https://www.wildlife.ca.gov/Data/CNDDDB>), the U.S. Fish and Wildlife Service (<http://www.fws.gov/cno/>), and National Marine Fisheries Service (http://nmfs.noaa.gov/pr/permits/esa_permits.htm).

8. Will the proposed or existing use generate or add dust, smoke, fumes, or odors in the vicinity?
- A. ☐ Yes ☐ No
- B. If yes, please describe, listing as appropriate, any studies, documents, or other information to support your response.
9. Will the proposed or existing use impact wetlands?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
10. Will the proposed or existing use impact rivers, bays, or other water body?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
11. Will the proposed or existing use impact existing or proposed trails?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
12. Will the proposed or existing use impact beaches?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
13. Will the proposed or existing use impact public access, such as fishing and recreation?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
14. Will the proposed or existing use impact scenic areas?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
15. Will the proposed or existing use impact wetlands?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
16. Will the proposed or existing use change existing noise or vibration levels in the vicinity?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.

APPLICATION FOR USE OF STATE LANDS

SLC 702

17. Will the proposed or existing use create a significant hazard to the public or the environment?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
18. Will the proposed or existing use be on a hazardous materials site?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
19. Will the proposed or existing use utilize or dispose of potentially hazardous materials such as flammable, toxic, or radioactive substances or explosives?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
20. Will the proposed or existing use increase traffic?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
21. Will the proposed or existing use increase fossil fuel consumption (e.g. electricity, oil, natural gas)?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
22. Is the proposed or existing use related to a larger project or a series of projects?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.
23. Is the proposed or existing use on a historic structure(s) or archaeological site(s)?
- A. ☐ Yes ☐ No ☐ Maybe
- B. If yes or maybe, please describe, listing as appropriate, any studies, documents, or other information to support your response.

PART III - SECTION C: STATE LANDS COMMISSION AS A RESPONSIBLE AGENCY

If the Commission is a Responsible Agency under the California Environmental Quality Act (CEQA) (another governmental agency prepares the appropriate environmental documentation), the Applicant must submit the following materials as early as possible in the application process and substantially prior to scheduling the application for consideration by the Commission.

Has a lead agency been identified?

1. ☐ Yes ☐ No
2. If yes, please identify the lead agency and provide the following items (if applicable):
 - A. A copy of the project's environmental documents prepared by the Lead Agency, i.e. the Initial Study, Negative Declaration, Mitigated Negative Declaration, or draft and Final Environmental Impact Report, and evidence that these documents were circulated through the State Clearinghouse pursuant to the CEQA Guidelines (Title 14, California Code of Regulations, Section 15073 or 15087).
 - B. A copy of any environmental mitigation monitoring program prepared and adopted by the Lead Agency pursuant to Public Resources Code Section 21081.6.
 - C. A copy of the "Findings" made by the Lead Agency relative to potential environmental impacts of the project as approved by the Lead Agency, pursuant to Section 15091 of the CEQA Guidelines.
 - D. A copy of the Statement of Overriding Considerations made by the Lead Agency, if one was necessary.
 - E. A copy of the Notice of Determination filed with the Office of Planning and Research by the Lead Agency.

PART IV
PRIVACY NOTICE FOR INDIVIDUALS

Please do not provide personal information that is not requested.
Section 1798.17 of the Civil Code requires this notice be provided when collecting personal information from individuals. Individuals have the right to review their personal information maintained by this agency unless access is exempted by law. An individual means a natural person.
AGENCY NAME / DIVISION California State Lands Commission / Land Management Division.
TITLE OF OFFICIAL RESPONSIBLE FOR MAINTENANCE OF THE INFORMATION Chief of Land Management.
BUSINESS ADDRESS OF OFFICIAL / TELEPHONE 100 Howe Avenue, Suite 100 South, Sacramento, California 95825 / (916) 574-1940.
AUTHORITY THAT AUTHORIZES THE MAINTENANCE OF THE INFORMATION Public Resources Code Section 6001 et seq.
THE FOLLOWING ITEMS OF INFORMATION ARE VOLUNTARY; ALL OTHERS ARE MANDATORY All information requested on the application is mandatory, unless otherwise noted.
THE CONSEQUENCES, IF ANY, OF NOT PROVIDING ALL OR ANY PART OF THE REQUESTED INFORMATION The application may be denied due to incomplete information.
THE PRINCIPLE PURPOSES FOR WHICH THE INFORMATION IS TO BE USED The information will be used to consider whether a lease of State lands is allowed by law and is in the best interests of the State. Information from the application including the Applicant's name and the project location may be posted permanently on the Internet at the Agency's website: www.slc.ca.gov .
KNOWN OR FORESEEABLE DISCLOSURES OF THE INFORMATION Bureau of State Audits; local, state, or federal regulatory agencies or courts with jurisdiction over any aspect of your application.
PROTECTING YOUR PRIVACY State Lands Commission's Privacy Policy Statement (https://www.slc.ca.gov/privacy-policy/). Caution: Is Your Computer Secure? (https://oag.ca.gov/privacy/online-privacy).

For any Applicant submitting this application as an individual, the Applicant acknowledges and agrees that by submitting this application the Applicant gives consent for information contained in the Application, except as set forth on page 1A, to be disclosed as described in the Privacy Notice above. This consent meets the consent requirements of Civil Code Section 1798.24.

PART V

NOTICE AND CERTIFICATION

Staff will determine that the application is complete, IF all parts of the Application Form are adequately completed and returned with the following:

- Filing fee and approximate expense deposit; and
- Executed Reimbursement Agreement (if applicable); and
- Information sufficient to permit staff to locate and describe the nature and extent of the State land or resource to be utilized; and
- Information sufficient to permit staff to determine the level and scope of the environmental review required under the California Environmental Quality Act (CEQA) and the State CEQA Guidelines; and
- Information sufficient to permit staff to determine the fair market value (rental, royalty, or other consideration) to be paid by the Applicant for the use of the State land or resource; and
- Information sufficient to permit staff to consider if the application is:
 - Consistent with Commission policies, practices, and procedures;
 - Conducive to public access;
 - Consistent with environmental safeguards and policies of the State; and
 - In the best interests of the State.

Additional material, such as land surveys, feasibility reports, or other outside agreements and authorizations may be required before the Commission issues a lease.

This application and all supporting information will become part of the official file and cannot be returned. The application and all supporting information may become public record subject to disclosure to anyone who asks for it under the California Public Records Act. Information considered confidential by the Applicant including, but not limited to, financial data, trade secrets, or other proprietary information may be withheld from public view if requested by the Applicant and allowable by law.

I hereby certify under penalty of perjury that I have read this completed application and all related exhibits and that, to the best of my knowledge, the information is full, complete, and correct. I understand that any misstatement or omission of the requested information or of any information subsequently requested shall be grounds for terminating the application or for denying a lease. The submission of an application provides no assurance that the application to occupy or use state lands will be approved. The authorization to use state land is not effective until the Commission has authorized a lease and the document has been executed by both the Applicant and the Commission. Until this process is complete, an Applicant has no legal right to occupy or use state lands. I understand if a lease is executed by the Commission as a result of the application, the project will be constructed as described in the application. I further understand that if the project is not constructed, the site is not utilized as authorized, or the conditions of the authorization are not met, this may constitute a default on the lease granted and the Commission may terminate the lease, seek ejectment, removal of any improvements, impose fines, or take other appropriate actions.

Submittal of this application is considered consent to have your home address (when it is the project location) posted on the Commission's website.

☐ If you are ***an elected or appointed official*** as specified in Government Code section 6254.21, check this box and complete this section. If you do not check this box, by signing this application, you are deemed to have given consent to have your home address (when it is the project location) posted on the Commission's website.

Title: _____

Agency or Branch of Government: _____

Signature of Applicant: _____ Date: _____

Signature of Co-Applicant: _____ Date: _____

By: _____ Title: _____ Date: _____
(If Agent)

FOR COMMISSION USE ONLY

Date Received:		Work Order No.:	
Assigned to:			
Type of Document:			
Filing Fee:	Processing Fee:		Other Fees:

SUPPLEMENTAL A-1

MARINA OR OTHER MULTIPLE BERTHING FACILITY

Please provide the following information:

1. List and describe, within one mile along the river or lakeshore from the project site:
 - A. For each existing or proposed marina facility, the available berthing by berth size, whether finger, slip or side tie, fuel facilities, pump outs, accommodation docks, restrooms, restaurants, grocery stores, or other ancillary facilities; and
 - B. Public and private boat launching and storage facilities; and
 - C. Public fishing access and parking availability; and
 - D. Other recreational facilities open to the public which are used for swimming, sunbathing, picnicking, or sightseeing; and
 - E. Provide a site map illustrating the approximate distances of each of these facilities from the proposed project site.
2. Describe the proposed or existing docking facility. (including information related to annual rentals, daily rentals, accommodation docks, etc.)
3. Are plans proposed or already in place for sewage disposal from boats, commercial uses, etc.?
 - A. ☐ Yes ☐ No
 - B. If no, please identify the nearest pump-out facility, by name, location, and operating hours.
4. Describe how siting has been planned to ensure that tides and currents are adequate to flush the site or renew its water regularly.
5. Identify whatever plans are proposed for recycling and litter/garbage disposal, including frequency of pick-up.
6. Identify any proposed fueling facility and describe spill prevention and control features.
7. Is there a spill contingency plan?
 - A. ☐ Yes ☐ No
 - B. If yes, please provide a spill contingency plan and list equipment and training needed to implement the plan.

APPLICATION FOR USE OF STATE LANDS

SLC 702

8. Are fueling stations such that they are accessible by boat without entering or passing through the main berthing area, in order to avoid collisions?
- A. ☐ Yes ☐ No/Maybe
- B. If no/maybe, please provide information outlining a collision avoidance plan.
9. Is there a proposed or existing vessel maintenance facility?
- A. ☐ Yes ☐ No
- B. If yes, please describe the capacity, typical activities and quantities of potentially toxic materials expected to be used. Boat maintenance areas should be designed so that all maintenance activities that are significant potential sources of pollution can be accomplished over dry land and under roofs (where practical), allowing for proper control of by-products, debris, residues, solvents, spills, and stormwater runoff.
10. Do all drains from maintenance areas lead to a sump, holding tank, or pump-out facility from which the wastes can later be extracted for treatment or disposal?
- A. ☐ Yes ☐ No
- B. If no, please describe, listing as appropriate, any studies, documents, or other information to support your response.
11. Do maintenance areas drain directly into surface or ground water or wetlands?
- A. ☐ Yes ☐ No
- B. If yes, please describe, listing as appropriate, any studies, documents, or other information to support your response.
- C. If no, identify the off-site facility(ies) most likely to be used.
12. Will curbs, berms, or other barriers be built or placed around areas used for the storage of liquid hazardous materials to contain spills?
- A. ☐ Yes ☐ No
- B. If no, please provide a spill contingency plan and list equipment and training needed to implement the plan.
13. Identify the location of any engine and hull washing activities, expected numbers of washings, and the types of detergents proposed for use.
14. Describe any proposed pollution control measures for vessel maintenance and haul-out facilities.
15. Describe any special measures proposed to control the quality and quantity of urban or other runoff from surrounding areas.

16. Describe the terms and conditions under which periodic and transient berthing will be permitted at the proposed facility and how those terms and conditions will be enforced. Indicate percentage of dry boat storage compared to wet slips.
17. Identify the method of handling fish wastes back into the natural ecosystem. Indicate how recycling of fish wastes will not degrade water quality or cause other adverse environmental impacts.
18. Describe the depth and location of navigation and access channels, if any.
19. Are the navigation and access channels located in areas with safe and convenient access to waters of navigable depth, based on the kind of vessel(s) expected to use the facility?
 - A. ☐ Yes ☐ No
 - B. If no, please describe, listing as appropriate, any studies, documents, or other information to support your response.
20. Describe the stormwater management system.
21. Does the stormwater management system provide a bypass or overflow systems so that the peak discharge from a 10-year, 14-hour storm will be safely conveyed to an erosion and scour-protected storm water outfall?
 - A. ☐ Yes ☐ No
 - B. If no, please describe, listing as appropriate, any studies, documents, or other information to support your response.
22. For proposed offstream marinas or berthing facilities, provide a water circulation plan for the facility which has been prepared and certified by a qualified hydrologic engineer. Such plan must indicate the direction and amount of flushing action in the facility.
23. Please provide audited financial statements for the two most recently completed fiscal years and provide pro forma financial statements showing the projected income, expense, and financial condition resulting from the use of the lease premises.

SUPPLEMENTAL B-1

LAUNCH RAMP OR OTHER LAUNCHING FACILITY

Please provide the following:

1. What is the maximum size/capacity of vessel able to be launched?
2. Collision avoidance plan.
3. The capacity of related parking areas for boats, trailers, and vehicles.
4. Any ancillary features such as restrooms and trash disposal bins.
5. Any plans for pump out and disposal of bilge water.
6. Any plans for the identification, inspection, cleaning, and disposal of non-native species.
7. Availability of the facility. (Seasonal? Year-round?)
8. Availability for public use.

SUPPLEMENTAL C-1

DREDGING OR DREDGED MATERIAL DISPOSAL

1. Provide the purpose for the proposed dredging activity.
 - A. Include a map and land description showing the area and project site.
2. Provide a description of the method of dredging.
3. Provide an estimate of the amount of dredging necessary.
4. Provide the frequency of any dredging necessary. (Include information on the date of initial dredging and dredging intervals.)
5. Were there other alternatives considered to minimize or avoid the need for dredging¹¹?
 - A. ☐ Yes ☐ No
 - B. If yes, please identify alternatives and why they were not utilized.
 - C. If no, please identify why alternatives were not considered.
6. Provide a copy of the Sampling and Analysis Plan and results, including:
 - A. Provide identification of contaminants that may be released from the sediments during dredging.
 - B. Provide an estimate of the amount of contamination that may be released from the sediments during any dredging episode.
7. Will the dredging result in turbidity at the site?
 - A. ☐ Yes ☐ No
 - B. If yes, indicate how turbidity will be minimized (e.g., through the proper placement of silt screens or turbidity curtains).
8. Provide the amount, method and location(s) of disposal of dredged materials.
9. Has siting been planned near currently permitted public areas for disposal of dredged materials?
 - A. ☐ Yes ☐ No
 - B. If no, please provide the distance to the nearest disposal site.
10. Will dredge materials be sold?
 - A. ☐ Yes ☐ No
 - B. If yes, provide details related to the sale of the dredged material.
11. Is this project located within San Francisco Bay and under the jurisdiction of the San Francisco Bay Conservation and Development Commission?
 - A. ☐ Yes ☐ No
 - B. If yes, provide an approval letter issued by the Dredged Material Management Organization (DMMO).

¹¹ For example, the marina could be sited adjacent to deep water and the area to be dredged could be the minimum needed for the marina itself, including the docking areas, fairways, and channels, and for other maneuvering areas that are needed.

SUPPLEMENTAL D-1

GRAZING

1. Indicate the type and number of animals that will be located on State lands (Total AUM).
2. Indicate the months during which the animals will be located on State lands.
3. Estimate the carrying capacity of each parcel applied for.
4. Are there federally owned grazing lands nearby?
 - A. ☐ Yes ☐ No
 - B. If yes, please provide:
 1. Evidence of a current grazing permit from the U.S.; and
 2. Provide a map showing the location of the grazing allotment.
 3. If a grazing plan has been developed for any adjacent grazing area, please include a copy of the grazing plan.
5. Are there any known water sources on the parcel(s) applied for?
 - A. ☐ Yes ☐ No
 - B. If yes, are the water sources adequate for the number of animals to be located on the State land?
 1. ☐ Yes ☐ No
 2. If no, please indicate how additional water will be provided.

SUPPLEMENTAL E-1

PIPELINE(S)

Please provide the following:

1. Information on product, type of service, normal and maximum flow rates, normal and maximum allowable operating pressures, including any special features.
2. Structural design details of the pipeline including cross sectional dimensions, length, pipeline grade, wall thickness, weight per foot, mill and field joint details, corrosion coating type and thickness, weight coating and cathodic protection details, etc.
3. A set of pipeline design calculations.
4. Details of all appurtenances such as flanges, valves, reducers, junction structures, pipe supports and anchors, thrust blocks, etc.
5. Details of safety controls to monitor high and low pressure in the line, and the location and details of the nearest upstream pipeline flow emergency shut down equipment.
6. A set of construction specifications.
7. Details of the inspection testing procedures to be employed during construction for project quality assurance and control, including pipeline welding procedure specifications and welder qualification testing.
8. Details of the pipeline hydrotest procedures including the final hydrotest profile drawings for each test segment. These procedures will include, but are not limited to, test duration, test pressure, how long the pipeline segment will be allowed to reach temperature equilibrium, types of pressure and temperature recorders and their calibration, and quantitative method(s) of analysis of the test results, etc.
9. A copy of the construction contractor's work execution plan that provides details of manpower, equipment, construction methods and procedures to be employed for each significant activity, safety procedures, etc.
10. A construction schedule timeline chart showing all significant work activities that will take place during the course of the project.
11. A project specific hazardous spill contingency plan, with specific designation of the onsite person who will have responsibility for implementing the plan.

12. Details of the post construction maintenance program that provides for leak monitoring and regular internal inspections of the pipeline and cathodic protection monitoring, etc.
13. Wherever the pipeline segments across water ways are installed by Horizontal Directional Drilling (HDD) or directional boring method, provide the following:
 - A. Engineering design drawings as issued for construction, certified by a California Registered Civil/Structural Engineer, showing pipeline horizontal alignment with key control points referenced to the California Coordinate System (CCS83) and vertical profile datum with elevations referenced to Mean Lower Low Water (MLLW) datum where applicable or otherwise, to the local vertical control datum. The drawings are to provide information such as, tie-in details, pipeline grade and material specifications, minimum bend radius, hydrotest information, cathodic protection information, coordinates of the entry and exit points, etc. The lease boundaries need to be delineated on the drawings.
 - B. A site-specific geotechnical report certified by a California registered Geotechnical Engineer, including boring logs, and confirmation of the fitness of purpose of the proposed drilling program and any geotechnical recommendations for safe HDD installation. The report should also include the seismic hazard evaluation/geophysical investigations to determine the presence of geological and/or seismic hazards that might impact the safety of the proposed pipeline and appurtenances. Also, include details of the proposed geologic/seismic mitigation plan and safety provisions.
 - C. A set of calculations to determine the required pulling load during pullback operations including any buoyancy control plan (if required), to successfully install the conduit/pipeline.
 - D. A detailed drilling program together with detailed specifications of the boring machine to be used including the maximum pulling and snubbing capabilities, the directional survey methods to be used including equipment and controls, allowable bore deviation tolerances, verification that the completed bore is within the lease right-of-way and achieves the required clearance, etc.
 - E. Detailed specifications of the mud system and a complete listing of additives to be used including a copy of the Material Safety Data Sheet (MSDS) for the drilling mud.
 - F. A detailed frac-out contingency plan.
 - G. Additionally, any abandonment contingency plans in case the HDD operations are forced to be suspended and a partially completed bore hole abandoned.
 - H. Also, include a plot plan depicting the location of the entry pit, exit hole, where equipment and materials will be stored, and where refueling of equipment will be performed.
14. Please provide audited financial statements for the two most recently completed fiscal years and provide pro forma financial statements showing the projected income, expense, and financial condition resulting from the use of the lease premises.

SUPPLEMENTAL F-1
COMMERCIAL OR INDUSTRIAL USE

1. Please detail any improvements or construction onshore necessary for this proposed or existing use.
2. Were alternative sites considered for the proposed project?
 - A. ☐ Yes ☐ No
 - B. If yes, please identify such alternative sites and why they were not selected. List any criteria used during the site selection process.
 1. What factors make this proposed site superior for the proposed project?
3. Is there a demonstrated market demand for the proposed project at the designated location?
 - A. ☐ Yes ☐ No
 - B. If yes, please describe, listing as appropriate, any studies, documents, or other information to support your response.
4. Please furnish any studies that demonstrate demand for and feasibility of the proposed project.
5. If the proposed project will generate revenue, estimate the anticipated annual gross and net revenues and show your basis for the estimates.
6. Describe any other existing or proposed projects that will be related to or dependent upon this project, will be affected by this project, or will affect this project.
7. Please provide audited financial statements for the two most recently completed fiscal years and provide pro forma financial statements showing the projected income, expense, and financial condition resulting from the use of the lease premises.

SUPPLEMENTAL G-1

GEOTHERMAL, MINERAL PROSPECTING PERMITS, OR MINERAL EXTRACTION LEASE

Lands that have not been classified by the California State Lands Commission as containing commercially valuable geothermal resources or mineral deposits are subject to application for a prospecting permit, pursuant to Public Resources Code sections 6890 and 6904.

Applicant must fit in one of the following groups:

- A. Persons or associations of persons who are citizens of the United States or who have declared their intention of becoming such, or who are citizens of any country, dependency, colony, or province, the laws, customs, and regulations of which permit the grant of similar or like privileges to citizens of the United States.
- B. Any corporation or corporations organized and existing under and by virtue of the laws of the United States or of any state or territory thereof; or any corporation or corporations 90 percent or more of the shares of which are owned by persons eligible to hold a lease or permit under subdivision (A) or (C) of this section; or any corporation or corporations 90 percent or more of the shares of which are owned either by a corporation eligible to hold a lease or permit hereunder, or by any combination of such eligible persons or corporations, or both.
- C. Alien persons entitled to a lease or prospecting permit by virtue of any treaty between the United States and the nation or country of which the alien persons are citizens or subjects.

Please provide the following:

- A. A statement of the nature of the geothermal resources or type of mineral deposits expected to be located within the proposed permit area. Please specify the basis upon which the statement is made and include all background and reference materials.
- B. A statement of the proposed methods to be used for the proposed activity. Please include a detailed exploration program including specifics on the proposed equipment to be used, sampling locations, new road construction, total surface disturbance, drill-hole abandonment procedures, and site reclamation plan.
- C. A deposit of not less than \$1 per acre or fraction thereof for each acre within the boundaries of the land(s) described within the application for mineral prospecting.
- D. If there is a joint bid associated with this application, please indicate the names of all persons, firms or corporations interested in the particular joint bid.

SUPPLEMENTAL H-1

OIL AND GAS LEASE

All leases issued by the State Lands Commission for oil and gas development are subject to the provisions of the Public Resources Code (PRC) sections 6801 to 6879 (<http://leginfo.legislature.ca.gov> PRC sections 6801 to 6879). These statutes require that all leases for oil and gas development be issued by competitive bidding unless the criteria of PRC section 6815 (<http://leginfo.legislature.ca.gov> PRC section 6815) are met.

The information provided by the Applicant in this application for an oil and gas lease will be used to determine whether such lease is in the public interest and whether the lands sought for development are suitable for competitive bid or negotiated leasing. Should it be determined that the lands are available for competitive bid leasing, the staff will request that the applicant nominate the lands for competitive leasing. However, if the Applicant does not nominate the lands, the staff will recommend to the Commission that the application be denied. A nomination of public lands for competitive bidding is not considered an application for the purposes of the Permit Streamlining Act (<http://leginfo.legislature.ca.gov> Government Code sections 65920 et seq.).

A detailed description of the competitive bidding process will be sent to the nominator (Applicant) as soon as a determination has been made. The nominator will be required to pay all environmental, special studies and other costs incurred before the lands will be placed for bidding. If the nominator is not the successful bidder, these costs will be reimbursed from the proceeds of the successful bid.

Applicant must fit in one of the following groups:

- A. Persons or associations of persons who are citizens of the United States or who have declared their intention of becoming such, or who are citizens of any country, dependency, colony, or province, the laws, customs, and regulations of which permit the grant of similar or like privileges to citizens of the United States.
- B. Any corporation or corporations organized and existing under and by virtue of the laws of the United States or of any state or territory thereof; or any corporation or corporations 90 percent or more of the shares of which are owned by persons eligible to hold a lease or permit under subdivision (A) or (C) of this section; or any corporation or corporations 90 percent or more of the shares of which are owned either by a corporation eligible to hold a lease or permit hereunder, or by any combination of such eligible persons or corporations, or both.
- C. Alien persons entitled to a lease or prospecting permit by virtue of any treaty between the United States and the nation or country of which the alien persons are citizens or subjects.

Applications for oil and gas leases shall include the following:

- A. Copies of all geological and geophysical data (e.g., well logs, histories, surveys, test data, and other related data) covering the area. This information should be of sufficient detail to enable the staff to determine the extent of State ownership or participation and to support a recommendation to the Commission for such leasing.
- B. In addition to the information provided on the Project Location Maps (Part II, Section B of the General Application Form) include:
 - 1. Location(s) of drillsite(s) and proposed bottom hole location(s); and
 - 2. Size of drillsite(s); and
 - 3. Anticipated minimum and maximum development (if known); and
 - 4. Proposed access route(s) to the drillsite(s).
- C. Statement of proposed drilling program, including anticipated timetable or schedule.
- D. Description of type (electric or diesel) of drilling rig(s) and structure(s) to be used. Include a discussion of types and amounts of air emissions expected to be produced.
- E. Method for obtaining utilities (e.g., fresh water, electricity, gas, fuel).
- F. Discussion of associated development projects (e.g., storage and treating facilities and pipelines).
- G. Contingency plan for controlling oil spills.
- H. When specifically requested by the staff, data for the preparation of a plan for the control of subsidence and the prevention of pollution which might occur as a result of the proposed oil and gas operation.

SUPPLEMENTAL I-1
TOMALES BAY MOORING

Applications for mooring buoys in Tomales Bay shall include the following:

1. Documentation of vessel ownership in the Applicant's name, consisting of a valid Department of Motor Vehicle registration or U.S. Coast Guard Certificate of Documentation.
2. Is more than one mooring requested?
 - A. ☐ Yes ☐ No
 - B. If yes, please provide a statement of need for more than one mooring.
3. Proof of valid liability insurance for the vessel(s) proposed to be moored.
4. Acceptable evidence of mooring ownership prior to August 2013, for existing tagged moorings (acceptable evidence is detailed in the Tomales Bay Mooring Program Requirements).
5. Is the mooring existing?
 - A. ☐ Yes ☐ No
 - B. If yes, please provide the initial mooring inspection form completed by a Greater Farallones National Marine Sanctuary approved Mooring Contractor (only applicable through February 2016) a current list can be found at <https://farallones.noaa.gov/eco/tomales/contractors.html>.
6. Is the mooring proposed?
 - A. ☐ Yes ☐ No
 - B. If yes, please provide the Pre-Installation Mooring Proposal Form completed by a Greater Farallones National Marine Sanctuary approved Mooring Contractor a current list can be found at <https://farallones.noaa.gov/eco/tomales/contractors.html>.

SUPPLEMENTAL J-1

MODIFICATION OF RIGHT OF SURFACE ENTRY

Under Public Resources Code section 6401, subdivision (b), the Commission may modify the State's rights to use the surface of lands where it has mineral interests, including any right to enter such lands to a depth of 500 feet below the surface of such lands.

Modification of Right of Surface Entry

- The Commission must make a finding that there are no known deposits of commercially valuable minerals in and above a plane located 500 feet below the surface overlaying the State's reserved mineral interest lands.
- A Modification of Right of Surface Entry does not relinquish any mineral rights in such lands owned or reserved by the State.
- Yearly rental amount will be determined using methods authorized by the Commission under title 2, California Code of Regulations, section 2003, and adjusted annually according to the Consumer Price Index. Staff will initiate the land appraisal.

Please provide the following:

A geologic report, prepared by a California professional geologist, that evaluates the mineral potential on each parcel from the surface to a depth of 500 feet and what potential may exist below that plane, such as oil, gas, or geothermal resources.

SUPPLEMENTAL K-1
SAND OR GRAVEL EXTRACTION

Applicant must fit in one of the following groups:

- A. Persons or associations of persons who are citizens of the United States or who have declared their intention of becoming such, or who are citizens of any country, dependency, colony, or province, the laws, customs, and regulations of which permit the grant of similar or like privileges to citizens of the United States.
- B. Any corporation or corporations organized and existing under and by virtue of the laws of the United States or of any state or territory thereof; or any corporation or corporations 90 percent or more of the shares of which are owned by persons eligible to hold a lease or permit under subdivision (A) or (C) of this section; or any corporation or corporations 90 percent or more of the shares of which are owned either by a corporation eligible to hold a lease or permit hereunder, or by any combination of such eligible persons or corporations, or both.
- C. Alien persons entitled to a lease or prospecting permit by virtue of any treaty between the United States and the nation or country of which the alien persons are citizens or subjects.

Please provide the following:

- 1. To the best of your ability quantify the total amount of material available for extraction within the general area.
- 2. What is the maximum extraction quantity requested overall and on an annual basis?
- 3. What is the specific proposed location of extraction?
- 4. What is the grade of material to be extracted? Please provide information on the current market rate of the mineral by grade.
- 5. What is the estimated cost of extraction per cubic yard, and total cost of handling and processing per cubic yard?
- 6. Please provide a description of what the extracted material will be used for and the need for the product (supply and demand).
- 7. Please provide a description of the base of operation for the extraction and the location where the material will be stored and sold.
- 8. What is the operational model and complete business structure?
- 9. Please provide a copy of all applicable business licenses and resumes describing experience extracting the proposed material.
- 10. What is the plan for tracking extraction location and quantities?
- 11. Please describe how your extraction activities will impact other uses within the proposed extraction area.

SUPPLEMENTAL L-1

GEOLOGICAL SURVEYS

Includes: collecting geological data utilizing percussion, grab, jet, vibrocore, box core, and dart sampling methods. NO activity or method employing rotary drilling operations is allowed.

Please provide the following:

1. Marine Wildlife Contingency Plan (MWCP): The MWCP should identify the marine mammals and reptiles that could be expected within the area being surveyed, including the protected species status, minimum population estimate, current population trend, and most likely periods of occurrence for each species/stock.
2. Oil Spill Contingency Plan (OSCP) for accidental releases of petroleum and/or non-petroleum products. Said plan shall include, at a minimum: (1) specific steps to be taken in the event of a spill, including notification names, phone numbers, and locations of: (i) nearby emergency medical facilities, (ii) wildlife rescue/response organizations (e.g., Oiled Wildlife Care Network), (iii) containment procedures, and (iv) cleanup procedures; (2) a description of crew training and equipment testing procedures; and (3) a description, quantities and location of spill response equipment onboard the vessel.

SUPPLEMENTAL M-1

GEOPHYSICAL SURVEYS

Includes: seismic, gravity, magnetic, remotely operated vehicle (ROV) surveys, electrical and geochemical methods of measuring and recording spatial data.

Please provide the following:

1. Marine Wildlife Contingency Plan (MWCP): The MWCP should identify the marine mammals and reptiles that could be expected within the area being surveyed, including the protected species status, minimum population estimate, current population trend, and most likely periods of occurrence for each species/stock.
2. Specify the distance, speed, and direction transiting vessels would maintain when in proximity to a marine mammal or reptile; (1) qualifications, number, location, and authority of onboard Marine Wildlife Monitors (MWMs); (2) methods of reducing noise levels generated by the geophysical equipment; (3) acoustic “safety zone(s)” radius that will be enforced by the MWMs; (4) identification of pinniped haul-out sites within or immediately adjacent to the proposed survey area; and (5) observation recording procedures and reporting requirements in the event of an observed impact to marine organisms.
3. Oil Spill Contingency Plan (OSCP) for accidental releases of petroleum and/or non-petroleum products. Said plan shall include, at a minimum: (1) specific steps to be taken in the event of a spill, including notification names, phone numbers, and locations of: (i) nearby emergency medical facilities, (ii) wildlife rescue/response organizations (e.g., Oiled Wildlife Care Network), (iii) containment procedures, and (iv) cleanup procedures; (2) a description of crew training and equipment testing procedures; and (3) a description, quantities and location of spill response equipment onboard the vessel.
4. Notification of Geophysical Survey Equipment Used: a written list of specific make and model of all such equipment permittee intends to use and, with respect to any equipment that is to be used specifically to generate acoustical energy in order to collect data, any and all specifications regarding decibel levels, frequencies, as well as the length of time the equipment will operate.
5. Verification of Equipment Service and/or Maintenance and Sound Output: Prior to commencing survey activities and thereafter on an annual basis, permittee shall test the low energy geophysical equipment utilized in the noticed survey to verify that the sound source levels are within manufacturer’s specifications.