



State of California – The Natural Resources Agency  
ATTACHMENT G  
DEPARTMENT OF FISH AND WILDLIFE  
Bay Delta Region  
7329 Silverado Trail  
Napa, CA 94558  
(707) 944-5500  
[www.wildlife.ca.gov](http://www.wildlife.ca.gov)

EDMUND G. BROWN JR., Governor  
CHARLTON H. BONHAM, Director



RECEIVED

OCT 13 2015

Port of Redwood City

October 8, 2015

Donald Snaman  
Port of Redwood City  
625 Seaport Boulevard  
Redwood City, CA 94063

Subject: Final Lake or Streambed Alteration Agreement  
Notification No. 1600-2015-0199-R3  
Port of Redwood City Wharves 1-4 Maintenance Dredging

Dear Mr. Snaman:

Enclosed is the final Streambed Alteration Agreement (“Agreement”) for the Port of Redwood City Wharves 1-4 Maintenance Dredging project (“Project”). Before the Department may issue an Agreement, it must comply with the California Environmental Quality Act (“CEQA”). In this case, the Department, acting as a lead agency, determined your project is exempt from CEQA and filed a notice of exemption (“NOE”) on October 8, 2015.

Under CEQA, filing a NOE starts a 35-day period within which a party may challenge the filing agency’s approval of the project. You may begin your project before the 35-day period expires if you have obtained all necessary local, state, and federal permits or other authorizations. However, if you elect to do so, it will be at your own risk.

If you have any questions regarding this matter, please contact Suzanne DeLeón, Environmental Scientist at (831) 440-9433 or [suzanne.deleon@wildlife.ca.gov](mailto:suzanne.deleon@wildlife.ca.gov).

Sincerely,

Craig J. Weightman  
Environmental Program Manager  
Bay Delta Region

cc: Jaclyn Gnusti; [jgnusti@gmail.com](mailto:jgnusti@gmail.com)  
Lieutenant Ober

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE**  
BAY DELTA REGION  
7329 SILVERADO TRAIL  
NAPA, CALIFORNIA 94558  
(707) 944-5500  
[WWW.WILDLIFE.CA.GOV](http://WWW.WILDLIFE.CA.GOV)



**STREAMBED ALTERATION AGREEMENT**  
NOTIFICATION No. 1600-2015-0199-R3  
REDWOOD CREEK

PORT OF REDWOOD CITY  
PORT OF REDWOOD CITY WHARVES 1-4 MAINTENANCE DREDGING

This Streambed Alteration Agreement (Agreement) is entered into between the California Department of Fish and Wildlife (CDFW) and the Port of Redwood City (Permittee) as represented by Don Snaman.

## **RECITALS**

WHEREAS, pursuant to Fish and Game Code (FGC) section 1602, Permittee notified CDFW on June 9, 2015 that Permittee intends to complete the project described herein.

WHEREAS, pursuant to FGC section 1603, CDFW has determined that the project could substantially adversely affect existing fish or wildlife resources and has included measures in the Agreement necessary to protect those resources.

WHEREAS, Permittee has reviewed the Agreement and accepts its terms and conditions, including the measures to protect fish and wildlife resources.

NOW THEREFORE, Permittee agrees to complete the project in accordance with the Agreement.

## **PROJECT LOCATION**

The Port of Redwood City Wharves 1-4 Maintenance Dredging Project (Project) is located at the Port of Redwood City Municipal Marina, located on the southeast bank of Redwood Creek adjacent to the federally maintained Redwood Creek Harbor deepwater ship channel near the confluence of Redwood Creek and Smith Slough, at 675 Seaport Boulevard, in the City of Redwood City, in the County of San Mateo, State of California; Latitude 37°30'45"N, Longitude 122°12'39"W.

## PROJECT DESCRIPTION

Under this Agreement, Permittee will conduct "routine maintenance activities", defined as periodic activities necessary to maintain the ship berth depth of -34 feet Mean Lower Low Water (MLLW) plus one foot of allowable over-depth of Redwood Creek at the Port of Redwood City Berths 1 through 4. Approximately every two to three years, partial sediment will be dredged and disposed of either at the Alcatraz Dredged Material Disposal Site (SF-11) or the San Francisco Deep Ocean Disposal Site (SFDODS), and the remaining amount will be disposed of at an upland beneficial reuse site.

From 2015 through 2024, a total of three dredging events will occur, with a total maximum of 150,000 cubic yards (CY) removed. Fifty thousand CY of sediment will be removed during each of the three dredging events. The dredging footprint is 5.2 acres. A closed mechanical bucket will lift and place the sediment into a closed barge. The barge will be inspected prior to dredging and will be electronically monitored for leaks during the course of the Project.

Routine maintenance activities authorized under this Agreement are limited to the following:

- *Sediment Removal*– Utilizing large equipment for the removal of sediment within Redwood Creek at ship berths 1-4 at the Port of Redwood City. No more than 50,000 CY of sediment per dredging event shall be removed, and only one excavation event shall be conducted each year, and no more than three dredging events shall occur during the term of this Agreement.

## PROJECT IMPACTS

Existing fish or wildlife resources the Project could substantially adversely affect include: nearshore marine fish species such as green sturgeon (*Acipenser medirostris*), longfin smelt (*Spirinchus thaleichthys*), surfperch (Embiotocidae), topsmelt (*Atherinops affinis*), and rays and sharks; macroinvertebrates; Ridgeway's rail (*Rallus longirostris obsoletus*); and migratory, nesting and foraging waterfowl and other birds.

The adverse effects the Project could have on the fish or wildlife resources identified above, without implementation of the Measures to Protect Fish and Wildlife Resources specified below, include: change to and loss of natural bed substrate; direct take of fish and other aquatic species during Project activities; direct impacts from dredging on benthic organisms during Project activities; increase in turbidity during Project activities; reduction in water quality; introduction or spread of invasive aquatic species; and disruption to nesting and foraging waterfowl and other birds.

## MEASURES TO PROTECT FISH AND WILDLIFE RESOURCES

### 1. Administrative Measures

Permittee shall meet each administrative requirement described below.

- 1.1 Documentation at Project Site. Permittee shall make the Agreement, any extensions and amendments to the Agreement, and all related notification materials and California Environmental Quality Act (CEQA) documents, readily available at the project site at all times and shall be presented to CDFW personnel, or personnel from another state, federal, or local agency upon request.
- 1.2 Providing Agreement to Persons at Project Site. Permittee shall provide copies of the Agreement and any extensions and amendments to the Agreement to all persons who will be working on the project at the project site on behalf of Permittee, including but not limited to contractors, subcontractors, inspectors, and monitors.
- 1.3 Notification of Conflicting Provisions. Permittee shall notify CDFW if Permittee determines or learns that a provision in the Agreement might conflict with a provision imposed on the project by another local, state, or federal agency. Permittee shall notify Suzanne DeLeón, at [suzanne.deleon@wildlife.ca.gov](mailto:suzanne.deleon@wildlife.ca.gov), (831) 440-9433, or if unavailable, shall contact the CDFW Bay Delta Regional Office by mail, phone (707-944-5500) or fax (707-944-5553). In that event, CDFW shall contact Permittee to resolve any conflict.
- 1.4 Project Site Entry. Permittee agrees that CDFW personnel may enter the work site(s) at any time to inspect routine maintenance activities performed and to verify compliance with this Agreement.
- 1.5 Additional Measures. As a result of any field inspection, CDFW may require that additional measures be applied to specific activities to protect sensitive biological resources. Such measures may be amended into this Agreement with the agreement of both parties, or if an exception to authorized activities is identified, Permittee may be asked to submit separate written notification to CDFW pursuant to Condition 1.7, below.
- 1.6 Authorized Routine Maintenance Activities. Only those activities specifically described in the Project Description shall be conducted under this Agreement.
- 1.7 Exceptions to Authorized Activities. Permittee shall submit separate written notification (Forms FG 2023 and FG 2024) pursuant to

Section 1602 of the FGC, together with the required fee prescribed in the CDFW Streambed Alteration Agreement fee schedule, and otherwise follow the normal notification process prior to the commencement of work activities in all cases where one or more of the following conditions apply:

- The proposed work does not meet the criteria established for routine maintenance activities in the Project Description of this Agreement;
- The nature of the proposed work is substantially modified from the work described in the Project Description of this Agreement;
- CDFW advises Permittee that conditions affecting fish and wildlife resources have substantially changed at a specified work site or that such resources would be adversely affected by the proposed maintenance activity; and/or;
- The proposed work would adversely impact a State of California (State) Species of Special Concern or State or federally listed rare, threatened, endangered or candidate species or its habitat.

- 1.8 CDFW-Approved Qualified Biologist(s) and Biological Monitor(s). If biological monitors are required or surveys need to be conducted, Permittee shall submit to CDFW for approval, within a minimum of 30 days prior to initiating special-status surveys within the project area, the names and resumes of all biologists and biological monitors involved in conducting surveys and/or monitoring work.

A qualified biologist is an individual who shall have a minimum of five years of academic training and professional experience in biological sciences and related resource management activities with a minimum of two years conducting surveys for each species that may be present within the routine maintenance project area.

A biological monitor is an individual who shall have academic and professional experience in biological sciences and related resource management activities as it pertains to this project, experience with construction-level biological monitoring, be able to recognize species that may be present within the routine maintenance project area, and be familiar with the habits and behavior of those species.

- 1.9 Unauthorized Take. This Agreement does not authorize the take of any State or federally listed threatened species, endangered species, Species of Special Concern or candidate species. If CDFW determines, or Permittee finds, that there are such species on the

work site, Permittee shall notify CDFW and/or US Fish and Wildlife Service (USFWS), as appropriate. Permittee shall immediately cease work until CDFW and other applicable agencies deem that the concern over special status species has been resolved. This Agreement does not authorize capture and/or handling of listed species.

## **2. Avoidance and Minimization Measures**

To avoid or minimize adverse impacts to fish and wildlife resources identified above, Permittee shall implement each measure listed below.

### **Work Periods**

- 2.1 Seasonal Work Period. To avoid or minimize adverse impacts to fish and Ridgeway's rail and their habitats, work within the Project area shall be limited to the period of September 1 to November 30.
- 2.2 Completion by End of Seasonal Work Period. The sediment removal shall not be initiated unless there is a high likelihood that it can be completed before the end of the seasonal work window designated in Measure 2.1. After November 1 of each year, projects that have not been started or are still underway shall be evaluated to ensure they can be completed before the end of the seasonal work period. Those projects unlikely to be completed before the end of the seasonal work windows shall not be started.

### **Wildlife Protection Measures**

- 2.3 Education Session before Commencement of Work. Prior to any project or construction activities, the biological monitor or qualified biologist shall conduct an education session on species that may be present at the project work site. The training shall consist of basic identification of the species, their basic habits, how they may be encountered in the work area, and procedures to follow when they are encountered. Any personnel joining the work crew later shall receive the same training before beginning work. The penalties for non-compliance of conditions in this Agreement shall be relayed to all project personnel.
- 2.4 Access. Access to the work site shall be via existing roads, boat ramps and boat docks.
- 2.5 Designation of Work Area. Permittee shall use buoys to identify the limits of the upstream and downstream dredging area. Dredging

shall not occur outside the delineated area. All buoys shall be completely removed from the Project site and properly disposed of upon completion of Project activities.

- 2.6 Floating Dredge Equipment. The Permittee shall ensure that all equipment used during the dredging activities are located in areas where they will float during all stages of the tide. At no time shall dredging equipment be allowed to rest on the substrate during a low tide event.
- 2.7 Containment of Material in Dredge Bucket. The dredge bucket shall remain closed during hoisting and swinging action in order to avoid spillage and leakage of material from the bucket.
- 2.8 Barge Overflow Requirements. No overflow or decant water shall be discharged into the channel from the barge, with the exception of minor spillage (less than one gallon per hour) incidental to mechanical dredge operations. If excessive discharge from dredge spoils is discovered by any of the personnel on board the barge, activities shall cease until appropriate corrective measures have been completed and the discharge source has been repaired or halted. During transportation from the dredging site to the disposal site, no material shall be permitted to overflow, leak or spill from the barge, bins or dump scows.
- 2.9 Dredged Materials. All dredge materials shall be immediately transferred into a fully contained scow or suitable vessel. Runoff and or leakage from the transfer vessel shall be minimal.
- 2.10 Turbidity Minimization Measures. Permittee shall minimize the effects of turbidity outside permitted dredge limits by utilizing an environmental bucket or any other operational control(s), subject to CDFW approval.
- 2.11 Protect Banks and Vegetation. No disturbance to stream banks shall occur. Streamside vegetation overhanging into the channel shall not be removed, trimmed, or otherwise modified.
- 2.12 Nesting Habitat Removal or Modification. No trees, shrubs or wetland and marsh habitat shall be disturbed that contain active bird nests until all eggs have hatched, and young have fully fledged (are no longer being fed by the adults, and have completely left the nest site). No habitat removal or modification shall occur even if the nest continues to be active beyond the typical nesting season for the species (typically February 1 to August 31), until the young have fully fledged and will no longer be adversely affected by the project. If an

active nest is found, the Permittee shall consult with CDFW and the USFWS regarding appropriate action to comply with the FGC of California and the Federal Migratory Bird Treaty Act of 1918.

- 2.13 Allow Wildlife To Leave Unharmred. Permittee shall allow any wildlife encountered during the course of Project activities to leave the Project area unharmed. All reasonable efforts shall be made to capture and move all stranded aquatic life observed in the removed material. Captured aquatic life shall be released immediately in the closest body of water adjacent to the Project site that will not be impacted by Project activities. This condition does not allow for the take or disturbance of any state or federally listed species, or state listed species of special concern.

### **Vegetation Removal**

- 2.14 Existing Vegetation. No vegetation or trees shall be removed as part of the project.

### **Biological Monitors and Qualified Biologists**

- 2.15 Sensitive Species Sightings. Any sightings of special-status plant, wildlife or aquatic species shall be reported to CDFW within 24 hours. If sighting was within the immediate Project area, all activities shall cease and Permittee shall confer with CDFW prior to resumption of activities. Through consultation with CDFW, additional measures may be developed to protect special-status species.
- 2.16 Injury or Mortality of Special-Status Species. If Permittee or its employees, contractors, or agents injures or kills a special-status species, or finds any such animal injured or dead, all activities in the work area shall immediately cease, and CDFW and USFWS shall be notified by telephone within 30 minutes of the discovery. A written report detailing the time, location, and general circumstances under which the dead or injured individual animal was found shall be submitted to CDFW and the USFWS no later than five (5) business days following the incident.
- 2.17 Stop Work Authority. The biological monitor or qualified biologist shall have the responsibility and authority of stopping the project if any crews or personnel are not complying with the provisions outlined in this Agreement.
- 2.18 Change of Conditions. If, in the opinion of CDFW, conditions arise, or change, in such a manner as to be considered deleterious to the



stream or wildlife, operations shall cease until corrective measures approved by CDFW are taken.

### **Routine Maintenance Limits**

- 2.19 Limits on Sediment Removal. Sediment removal shall be limited to the amounts and timing specified in the Project Description. Specifically, sediment removal shall be limited to 50,000 CY for each sediment removal event. Sediment removal shall be limited to three times within the Years 2015 through 2014 for a total of 150,000 CY.
- 2.20 Stockpiling of Soil. No castings or spoils shall be placed on the stream side of the bank or levee where it could enter the stream or cover riparian or wetland areas.

### **Equipment and Vehicles**

- 2.21 Vehicle/Equipment Maintenance. Any equipment or vehicles driven and/or operated in proximity of the stream shall be maintained in good working order to prevent the release of contaminants that if introduced to water could be deleterious to aquatic life, wildlife, or riparian habitat. Vehicles shall be moved away at least 150 feet from the stream prior to refueling and lubrication.
- 2.22 Equipment Storage and Stationary Operation. Staging and storage areas for equipment, materials, fuels, lubricants and solvents shall be located outside of the stream channel and banks. Stationary equipment such as motors, pumps, generators, compressors and welders, located adjacent to the stream, shall be positioned over drip-pans. Any equipment or vehicles driven and/or operated in proximity to the stream must be checked and maintained daily.

### **Toxic or Hazardous Materials**

- 2.23 Storage and Handling of Hazardous Materials. Any hazardous or toxic materials that could be deleterious to aquatic life shall be contained in watertight containers or removed from the project site. Such materials include, but are not limited to, debris soil, silt, bark, rubbish, creosote-treated wood, raw cement/concrete or washings thereof, asphalt, paint or other coating material, and oil or other petroleum products. These materials shall be prevented from contaminating the soil and/or entering the waters of the State. Any such materials, placed within or where they may enter a stream or lake, by Permittee or any party working under contract, or with permission of Permittee, shall be removed immediately. BMPs shall be employed to accomplish these requirements.

- 2.24 Removal of Trash and Debris. Permittee shall remove all raw construction materials and wastes from work sites following the completion of maintenance activities. Food-contaminated wastes generated during work shall be removed on a daily basis to avoid attracting predators to work sites. All temporary fences, barriers, and/or flagging shall be completely removed from work sites and properly disposed of upon completion of maintenance activities. Permittee or its contractors shall not dump any litter or construction debris within the riparian/stream zone.
- 2.25 Wash Water. Water containing mud, silt, or other pollutants from equipment washing or other activities, shall not be allowed to enter the stream or placed in locations that may be subjected to high storm flows.

### **Spills and Emergencies**

- 2.26 Spill Cleanup and Containment. All activities performed in or near a stream shall have absorbent materials designated for spill containment and clean-up activities on-site for use in an accidental spill. The Permittee shall immediately notify the California Emergency Management Agency at 1-800-852-7550 and immediately initiate the clean-up activities. CDFW shall be notified by the Permittee and consulted regarding clean-up procedures.

### **3. Reporting Measures**

Permittee shall meet each reporting requirement described below.

- 3.1 Notification of Proposed Activities. Permittee shall provide CDFW written notification of proposed routine maintenance activities to be performed in the upcoming year by July 15 each year with the exception of Year 2015. Notification for 2015 shall be provided by September 28, 2015. Notification reports shall describe the project location, length and width of impact area, and a detailed description of proposed modifications to the channel. Reports shall be submitted to CDFW regardless of whether work is proposed.

CDFW shall append annual notification reports of proposed maintenance activities to this Agreement. For streamlined tracking, Permittee shall label annual notification reports according to the following convention: Exhibit A-[year] (e.g. Exhibit A-2015, Exhibit A-2016).

- 3.2 Annual Reports for Completed Projects. On an annual basis, Permittee shall provide CDFW written notification of maintenance projects completed. Annual reports shall include a brief project description, amount of sediment removed and the appropriate fee from the current CDFW Streambed Alteration Agreement Fee Schedule for work completed under this Agreement based upon the number of projects completed in the reporting period. The annual report is due on December 15 of each year. A report shall be submitted to CDFW regardless of whether work was completed. CDFW may terminate this Agreement if reports and fees are not submitted by this deadline.
- 3.3 Four-year Status Report. The Permittee shall provide a status report to CDFW every four years (2018 and 2022). The status report shall be delivered to CDFW no later than December 31 of each four-year period, and shall include all of the following information:
- a) A copy of the original Agreement.
  - b) The status of the activities covered by the Agreement.
  - c) An evaluation of the success or failure of the measures in the Agreement to protect the fish and wildlife resources that the activity may have substantially adversely affected.
  - d) A discussion of any factors that could increase the predicted adverse impacts on fish and wildlife resources, and a description of the resources that may be adversely affected.

CDFW shall review the four-year status report, and conduct an onsite inspection to confirm that the Permittee is in compliance with the Agreement and that the measures in the Agreement continue to protect fish and wildlife resources. If CDFW determines that the measures in the Agreement no longer protect the fish and wildlife resources that may be substantially adversely affected by the activity, CDFW, in consultation with the Permittee, and within 45 days of receipt of the report, shall impose one or more new measures to protect the fish and wildlife resources affected by the activity. If requested to do so by the Permittee, CDFW shall make available the information upon which it determined the Agreement no longer protects the affected fish and wildlife resources

- 3.4 Notification to the California Natural Diversity Database (CNDDDB). If any listed, rare, or special status species are detected during project surveys or on or around the project site during project activities, the Permittee shall submit CNDDDB Field Survey Forms to CDFW in the manner described at the CNDDDB website

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[http://www.dfg.ca.gov/biogeodata/cnddb/submitting\\_data\\_to\\_cnddb.asp](http://www.dfg.ca.gov/biogeodata/cnddb/submitting_data_to_cnddb.asp)) within 14 working days of the sightings. Copies of such submittals shall also be submitted to the CDFW regional office as specified below.

### **CONTACT INFORMATION**

Any communication that Permittee or CDFW submits to the other shall be in writing and any communication or documentation shall be delivered to the address below by U.S. mail, fax, or email, or to such other address as Permittee or CDFW specifies by written notice to the other.

To Permittee:

Don Snaman  
Port of Redwood City  
675 Seaport Boulevard  
Redwood City, CA 94063  
Work (650) 306-4150  
Fax (650) 369-7636  
dsnaman@redwoodcityport.com

To CDFW:

California Department of Fish and Wildlife  
Bay Delta Region  
7329 Silverado Trail  
Napa, California 94558  
Attn: Lake and Streambed Alteration Program – Suzanne DeLeon  
Notification #1600-2015-0199-R3  
Fax (707) 944-5553  
[Suzanne.DeLeon@wildlife.ca.gov](mailto:Suzanne.DeLeon@wildlife.ca.gov)

### **LIABILITY**

Permittee shall be solely liable for any violations of the Agreement, whether committed by Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents or contractors and subcontractors, to complete the project or any activity related to it that the Agreement authorizes.

This Agreement does not constitute CDFW's endorsement of, or require Permittee to proceed with the project. The decision to proceed with the project is Permittee's alone.

## **SUSPENSION AND REVOCATION**

CDFW may suspend or revoke in its entirety the Agreement if it determines that Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, is not in compliance with the Agreement.

Before CDFW suspends or revokes the Agreement, it shall provide Permittee written notice by certified or registered mail that it intends to suspend or revoke. The notice shall state the reason(s) for the proposed suspension or revocation, provide Permittee an opportunity to correct any deficiency before CDFW suspends or revokes the Agreement, and include instructions to Permittee, if necessary, including but not limited to a directive to immediately cease the specific activity or activities that caused CDFW to issue the notice.

## **ENFORCEMENT**

Nothing in the Agreement precludes CDFW from pursuing an enforcement action against Permittee instead of, or in addition to, suspending or revoking the Agreement.

Nothing in the Agreement limits or otherwise affects CDFW's enforcement authority or that of its enforcement personnel.

## **OTHER LEGAL OBLIGATIONS**

This Agreement does not relieve Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, from obtaining any other permits or authorizations that might be required under other federal, state, or local laws or regulations before beginning the project or an activity related to it.

This Agreement does not relieve Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, from complying with other applicable statutes in the FGC including, but not limited to, FGC sections 2050 et seq. (threatened and endangered species), 3503 (bird nests and eggs), 3503.5 (birds of prey), 5650 (water pollution), 5652 (refuse disposal into water), 5901 (fish passage), 5937 (sufficient water for fish), and 5948 (obstruction of stream).

Nothing in the Agreement authorizes Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, to trespass.

## **AMENDMENT**

CDFW may amend the Agreement at any time during its term if CDFW determines the amendment is necessary to protect an existing fish or wildlife resource.

Permittee may amend the Agreement at any time during its term, provided the amendment is mutually agreed to in writing by CDFW and Permittee. To request an amendment, Permittee shall submit to CDFW a completed CDFW "Request to Amend Lake or Streambed Alteration" form and include with the completed form payment of the corresponding amendment fee identified in CDFW's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5).

## **TRANSFER AND ASSIGNMENT**

This Agreement may not be transferred or assigned to another entity, and any purported transfer or assignment of the Agreement to another entity shall not be valid or effective, unless the transfer or assignment is requested by Permittee in writing, as specified below, and thereafter CDFW approves the transfer or assignment in writing.

The transfer or assignment of the Agreement to another entity shall constitute a minor amendment, and therefore to request a transfer or assignment, Permittee shall submit to CDFW a completed CDFW "Request to Amend Lake or Streambed Alteration" form and include with the completed form payment of the minor amendment fee identified in CDFW's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5).

## **EXTENSIONS**

In accordance with FGC section 1605(b), Permittee may request one extension of the Agreement, provided the request is made prior to the expiration of the Agreement's term. To request an extension, Permittee shall submit to CDFW a completed CDFW "Request to Extend Lake or Streambed Alteration" form and include with the completed form payment of the extension fee identified in CDFW's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5). CDFW shall process the extension request in accordance with FGC 1605(b) through (e).

If Permittee fails to submit a request to extend the Agreement prior to its expiration, Permittee must submit a new notification and notification fee before beginning or continuing the project the Agreement covers (Fish & G. Code, § 1605, subd. (f)).

## **EFFECTIVE DATE**

The Agreement becomes effective on the date of CDFW's signature, which shall be: 1) after Permittee's signature; 2) after CDFW complies with all applicable requirements under the California Environmental Quality Act (CEQA); and 3) after payment of the

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applicable FGC section 711.4 filing fee listed at  
[http://www.wildlife.ca.gov/habcon/ceqa/ceqa\\_changes.html](http://www.wildlife.ca.gov/habcon/ceqa/ceqa_changes.html).

### **TERM**

This Agreement shall expire on December 31, 2024 unless it is terminated or extended before then. All provisions in the Agreement shall remain in force throughout its term. Permittee shall remain responsible for implementing any provisions specified herein to protect fish and wildlife resources after the Agreement expires or is terminated, as FGC section 1605(a)(2) requires.

### **EXHIBITS**

The documents listed below are included as exhibits to the Agreement and incorporated herein by reference.

- A. Annual Notifications of Proposed Work (reserved for future exhibits)

### **AUTHORITY**

If the person signing the Agreement (signatory) is doing so as a representative of Permittee, the signatory hereby acknowledges that he or she is doing so on Permittee's behalf and represents and warrants that he or she has the authority to legally bind Permittee to the provisions herein.

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**AUTHORIZATION**

This Agreement authorizes only the project described herein. If Permittee begins or completes a project different from the project the Agreement authorizes, Permittee may be subject to civil or criminal prosecution for failing to notify CDFW in accordance with FGC section 1602.

**CONCURRENCE**

The undersigned accepts and agrees to comply with all provisions contained herein.

**FOR PORT OF REDWOOD CITY**



Don Snaman  
Permittee

SEPTEMBER 15, 2015

Date

**FOR DEPARTMENT OF FISH AND WILDLIFE**



Craig J. Weightman  
Environmental Program Manager

10/8/15

Date

Prepared by: Suzanne DeLeón  
Environmental Scientist

Date Sent: September 2, 2015; September 15, 2015



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**EXHIBIT A**  
**ANNUAL NOTIFICATIONS OF COMPLETED WORK**  
(Reserved for future exhibits)

FOR DEPARTMENT USE ONLY				
Date Received	Amount Received	Amount Due	Date Complete	Notification No.
6/09/2015	\$ 3315.75	\$		1600-2015-0199-3



✓#15561  
Port of Redwood City

STATE OF CALIFORNIA  
DEPARTMENT OF FISH AND WILDLIFE

DeLeon  
Lt. OBER  
Ncln. Mahaffey



**NOTIFICATION OF LAKE OR STREAMBED ALTERATION**

Complete EACH field, unless otherwise indicated, following the enclosed instructions and submit ALL required enclosures. Attach additional pages, if necessary.

**1. APPLICANT PROPOSING PROJECT**

Name	Don Snaman			
Business/Agency	Port of Redwood City			Fish & Wildlife
Street Address	675 Seaport Blvd.			JUN 09 2015
City, State, Zip	Redwood City, Ca, 94063			
Telephone	(650) 306-4150	Fax	(650) 369-7636	Napa
Email	dsnaman@redwoodcityport.com			

**2. CONTACT PERSON** (Complete only if different from applicant)

Name	Jaclyn Gnusti			
Street Address	2185 N. California Blvd., Suite 500			
City, State, Zip	Walnut Creek, CA 94596			
Telephone	(925) 944-5411	Fax	(925) 944-4732	
Email	jgnusti@gmail.com			

**3. PROPERTY OWNER** (Complete only if different from applicant)

Name				
Street Address				
City, State, Zip				
Telephone		Fax		
Email				

**4. PROJECT NAME AND AGREEMENT TERM**

A. Project Name		Port of Redwood City Wharves 1-4 Maintenance Dredging		
B. Agreement Term Requested		<input type="checkbox"/> Regular (5 years or less) <input checked="" type="checkbox"/> Long-term (greater than 5 years)		
C. Project Term		D. Seasonal Work Period		E. Number of Work Days
Beginning (year)	Ending (year)	Start Date (month/day)	End Date (month/day)	
2015	2024	June 1	November 30	
				30

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

5. AGREEMENT TYPE

Check the applicable box. If box B, C, D, or E is checked, complete the specified attachment.

A.	<input type="checkbox"/> Standard (Most construction projects, excluding the categories listed below)	
B.	<input type="checkbox"/> Gravel/Sand/Rock Extraction (Attachment A)	Mine I.D. Number: _____
C.	<input type="checkbox"/> Timber Harvesting (Attachment B)	THP Number: _____
D.	<input type="checkbox"/> Water Diversion/Extraction/Impoundment (Attachment C)	SWRCB Number: _____
E.	<input checked="" type="checkbox"/> Routine Maintenance (Attachment D)	
F.	<input type="checkbox"/> CDFW Fisheries Restoration Grant Program (FRGP)	FRGP Contract Number _____
G.	<input type="checkbox"/> Master	
H.	<input type="checkbox"/> Master Timber Harvesting	

6. FEES

Please see the current fee schedule to determine the appropriate notification fee. Itemize each project's estimated cost and corresponding fee. **Note: The Department may not process this notification until the correct fee has been received.**

A. Project		B. Project Cost	C. Project Fee
1	Maintenance Dredging (3 episodes per 10 year period @ \$122.75/ea)	\$1.5M each	\$368.25
2			
3			
4			
5			
		D. Base Fee (if applicable)	\$2,947.50
		E. TOTAL FEE ENCLOSED	\$3,315.75

7. PRIOR NOTIFICATION OR ORDER

A. Has a notification previously been submitted to, or a Lake or Streambed Alteration Agreement previously been issued by, the Department for the project described in this notification?

Yes (Provide the information below)       No

Applicant: \_\_\_\_\_ Notification Number: \_\_\_\_\_ Date: \_\_\_\_\_

B. Is this notification being submitted in response to an order, notice, or other directive ("order") by a court or administrative agency (including the Department)?

No       Yes (Enclose a copy of the order, notice, or other directive. If the directive is not in writing, identify the person who directed the applicant to submit this notification and the agency he or she represents, and describe the circumstances relating to the order.)

Continued on additional page(s)

## NOTIFICATION OF LAKE OR STREAMBED ALTERATION

## 8. PROJECT LOCATION

A. Address or description of project location. <i>(Include a map that marks the location of the project with a reference to the nearest city or town, and provide driving directions from a major road or highway)</i>				
The Port of Redwood City wharves are located on the southeast bank of Redwood Creek, located in the southern San Francisco Bay. The project is adjacent to the federally maintained Redwood Creek Harbor deepwater ship channel.  To access the site via land, take Highway 101 about 25 miles south of San Francisco, and exit on Woodside Road/CA-84 west. Follow Seaport Blvd/Frontage Road approximately 1.5 miles. Port is on the left.  See Figure 1.				
<input type="checkbox"/> Continued on additional page(s)				
B. River, stream, or lake affected by the project.		Redwood Creek		
C. What water body is the river, stream, or lake tributary to?		SF Bay		
D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
E. County	San Mateo			
F. USGS 7.5 Minute Quad Map Name	G. Township	H. Range	I. Section	J. ¼ Section
Redwood Point US Topo - 5640622	T4S R4W		S36 T4S R4W	NE 1/4 of SE 1/4
<input type="checkbox"/> Continued on additional page(s)				
K. Meridian (check one)	<input type="checkbox"/> Humboldt <input checked="" type="checkbox"/> Mt. Diablo <input type="checkbox"/> San Bernardino			
L. Assessor's Parcel Number(s)				
<input type="checkbox"/> Continued on additional page(s)				
M. Coordinates (If available, provide at least latitude/longitude or UTM coordinates and check appropriate boxes)				
Latitude/Longitude	Latitude: 37d30'45" N		Longitude: 122d12'39" W	
	<input checked="" type="checkbox"/> Degrees/Minutes/Seconds		<input type="checkbox"/> Decimal Degrees	<input type="checkbox"/> Decimal Minutes
UTM	Easting:	Northing:	<input type="checkbox"/> Zone 10 <input type="checkbox"/> Zone 11	
Datum used for Latitude/Longitude or UTM		<input type="checkbox"/> NAD 27 <input checked="" type="checkbox"/> NAD 83 or WGS 84		

## NOTIFICATION OF LAKE OR STREAMBED ALTERATION

## 9. PROJECT CATEGORY AND WORK TYPE (Check each box that applies)

PROJECT CATEGORY	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR/MAINTAIN EXISTING STRUCTURE
Bank stabilization – bioengineering/recontouring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bank stabilization – rip-rap/retaining wall/gabion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat dock/pier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat ramp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bridge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel clearing/vegetation management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Culvert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diversion structure – weir or pump intake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filling of wetland, river, stream, or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat enhancement – revegetation/mitigation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low water crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Road/trail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sediment removal – pond, stream, or marina	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storm drain outfall structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary stream crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility crossing : Horizontal Directional Drilling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jack/bore	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open trench	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

**10. PROJECT DESCRIPTION**

A. Describe the project in detail. Photographs of the project location and immediate surrounding area should be included.

- Include any structures (e.g., rip-rap, culverts, or channel clearing) that will be placed, built, or completed in or near the stream, river, or lake.
- Specify the type and volume of materials that will be used.
- If water will be diverted or drafted, specify the purpose or use.

Enclose diagrams, drawings, plans, and/or maps that provide all of the following: site specific construction details; the dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; an overview of the entire project area (i.e., "bird's-eye view") showing the location of each structure and/or activity, significant area features, and where the equipment/machinery will enter and exit the project area.

This project includes maintenance dredging of the Port of Redwood City Berths 1 through 4. This project is performed approximately every 2 to 3 years to maintain a berth depth of -34 feet MLLW, plus 1 foot of allowable overdepth. Dredged sediment is composed primarily of bay mud. Historically the material has been disposed at SF-11 (in-Bay) or at SF-DODS (ocean).

This agreement would include a maximum of 3 dredging episodes at 50,000 cubic yards each, for a total of 150,000 cubic yards over 10 years. All dredging and material disposal/placement will be as required by regulatory permits, and the Dredged Material Management Office (DMMO).

Continued on additional page(s)

B. Specify the equipment and machinery that will be used to complete the project.

Mechanical dredge (crane mounted on a scow), bottom dump scows, support vessels, tug boat

Continued on additional page(s)

C. Will water be present during the proposed work period (specified in box 4.D) in the stream, river, or lake (specified in box 8.B).

Yes     No (Skip to box 11)

D. Will the proposed project require work in the wetted portion of the channel?

Yes (Enclose a plan to divert water around work site)  
 No

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

11. PROJECT IMPACTS

A. Describe impacts to the bed, channel, and bank of the river, stream, or lake, and the associated riparian habitat. Specify the dimensions of the modifications in length (linear feet) and area (square feet or acres) and the type and volume of material (cubic yards) that will be moved, displaced, or otherwise disturbed, if applicable.

The dredging footprint is 5.2 acres adjacent to the federal Redwood Creek Harbor channel. A maximum of 50,000 cubic yards of silted-in material (maintenance material) would be removed during each dredging episode, for a total of 150,000 cubic yards maximum in 3 episodes. All material will be disposed at a permitted in-Bay, ocean, and/or upland/beneficial reuse site, pending DMMO approval.

Continued on additional page(s)

B. Will the project affect any vegetation?  Yes (Complete the tables below)  No

Vegetation Type	Temporary Impact	Permanent Impact
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____

Tree Species	Number of Trees to be Removed	Trunk Diameter (range)

Continued on additional page(s)

C. Are any special status animal or plant species, or habitat that could support such species, known to be present on or near the project site?

Yes (List each species and/or describe the habitat below)  No  Unknown

All dredging will be in compliance with established work windows for species, see attached.

Continued on additional page(s)

D. Identify the source(s) of information that supports a "yes" or "no" answer above in Box 11.C.

Continued on additional page(s)

E. Has a biological study been completed for the project site?

Yes (Enclose the biological study)  No

Note: A biological assessment or study may be required to evaluate potential project impacts on biological resources.

F. Has a hydrological study been completed for the project or project site?

Yes (Enclose the hydrological study)  No

Note: A hydrological study or other information on site hydraulics (e.g., flows, channel characteristics, and/or flood recurrence intervals) may be required to evaluate potential project impacts on hydrology.

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

**12. MEASURES TO PROTECT FISH, WILDLIFE, AND PLANT RESOURCES**

A. Describe the techniques that will be used to prevent sediment from entering watercourses during and after construction.

A closed mechanical bucket will lift the sediment into a closed barge. The barges will be inspected prior to dredging, and will be electronically monitored for leaks during the course of the project. Any leak or loss of material will automatically alert the EPA. Further, an inspector will be onsite periodically to ensure all dredging is in compliance with permits and regulatory requirements.

Continued on additional page(s)

B. Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.

All dredging will occur within the NMFS and CDFW approved work windows for fish protection of June 1 through November 30. Wildlife not affected since all work is in water and will comply with City air and noise regulations.

No vegetation will be impacted.

Continued on additional page(s)

C. Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.

No mitigation is anticipated necessary in light of the avoidance measures that will be in place.

Continued on additional page(s)

**13. PERMITS**

List any local, state, and federal permits required for the project and check the corresponding box(es). Enclose a copy of each permit that has been issued.

- A. U.S. Army Corps of Engineers - 10 year dredging permit  Applied  Issued
- B. Water Board - 10 year Water Quality Certification  Applied  Issued
- C. BCDC - 10 year permit amendment (#m93-77)  Applied  Issued
- D. Unknown whether  local,  state, or  federal permit is needed for the project. (Check each box that applies)

Continued on additional page(s)



NOTIFICATION OF LAKE OR STREAMBED ALTERATION

**14. ENVIRONMENTAL REVIEW**

A. Has a draft or final document been prepared for the project pursuant to the California Environmental Quality Act (CEQA), National Environmental Protection Act (NEPA), California Endangered Species Act (CESA) and/or federal Endangered Species Act (ESA)?

- Yes (Check the box for each CEQA, NEPA, CESA, and ESA document that has been prepared and enclose a copy of each)  
 No (Check the box for each CEQA, NEPA, CESA, and ESA document listed below that will be or is being prepared)

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Notice of Exemption | <input type="checkbox"/> Mitigated Negative Declaration         | <input type="checkbox"/> NEPA document (type): _____ |
| <input type="checkbox"/> Initial Study                  | <input type="checkbox"/> Environmental Impact Report            | <input type="checkbox"/> CESA document (type): _____ |
| <input type="checkbox"/> Negative Declaration           | <input type="checkbox"/> Notice of Determination (Enclose)      | <input type="checkbox"/> ESA document (type): _____  |
| <input type="checkbox"/> THP/ NTMP                      | <input type="checkbox"/> Mitigation, Monitoring, Reporting Plan |  |

B. State Clearinghouse Number (if applicable) n/a

C. Has a CEQA lead agency been determined?  Yes (Complete boxes D, E, and F)  No (Skip to box 14.G)

D. CEQA Lead Agency Port of Redwood City

E. Contact Person Don Snaman F. Telephone Number (650) 306-4150

G. If the project described in this notification is part of a larger project or plan, briefly describe that larger project or plan.

N/A

Continued on additional page(s)

H. Has an environmental filing fee (Fish and Game Code section 711.4) been paid?

- Yes (Enclose proof of payment)  No (Briefly explain below the reason a filing fee has not been paid)

Note: If a filing fee is required, the Department may not finalize a Lake or Streambed Alteration Agreement until the filing fee is paid.

**15. SITE INSPECTION**

Check one box only.

- In the event the Department determines that a site inspection is necessary, I hereby authorize a Department representative to enter the property where the project described in this notification will take place at any reasonable time, and hereby certify that I am authorized to grant the Department such entry.
- I request the Department to first contact (insert name) Don Snaman  
 at (insert telephone number) (650) 306-4150 to schedule a date and time to enter the property where the project described in this notification will take place. I understand that this may delay the Department's determination as to whether a Lake or Streambed Alteration Agreement is required and/or the Department's issuance of a draft agreement pursuant to this notification.

ATTACHMENT G  
NOTIFICATION OF LAKE OR STREAMBED ALTERATION

**16. DIGITAL FORMAT**

Is any of the information included as part of the notification available in digital format (i.e., CD, DVD, etc.)?

- Yes (Please enclose the information via digital media with the completed notification form)  
 No

**17. SIGNATURE**

I hereby certify that to the best of my knowledge the information in this notification is true and correct and that I am authorized to sign this notification as, or on behalf of, the applicant. I understand that if any information in this notification is found to be untrue or incorrect, the Department may suspend processing this notification or suspend or revoke any draft or final Lake or Streambed Alteration Agreement issued pursuant to this notification. I understand also that if any information in this notification is found to be untrue or incorrect and the project described in this notification has already begun, I and/or the applicant may be subject to civil or criminal prosecution. I understand that this notification applies only to the project(s) described herein and that I and/or the applicant may be subject to civil or criminal prosecution for undertaking any project not described herein unless the Department has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.



Signature of Applicant or Applicant's Authorized Representative

5/26/2015  
Date

**Don Snaman**

Print Name

**Attachment to  
NOTIFICATION OF LAKE OR STREAMBED ALTERATION  
Port of Redwood City Wharves 1-4 Maintenance Dredging  
May 2015**

**Field 10 Project Description**

***D. Will the proposed project required work in the wetted portion of the channel?***

Yes, the project consists of dredging of sediment from the sea bed, at over 30 feet below MLLW. Therefore no water diversion would be required or implemented during this project.

**Field 11 Project Impacts**

***C. Are any special status animals or plant species, or habitat that could support such species, known to be present on or near the project site?***

Steelhead Trout: Dredging will only occur between June 1 and November 30 in compliance for the allowable work window established by the LTMS, unless permitted by NMFS and CDFW by consultation.

Longfin Smelt: A No-take Determination was submitted for the 2010 maintenance dredging project and approved by California Fish and Game. That document determined that this project will not affect longfin smelt or results in the incidental take of any longfin smelt individuals due to the project location in the south bay and occurrence in the fall.

The dredging area is over 500 feet from the nearest wetland/marsh, Bair Island, which is located across Redwood Creek. The Federally maintained ship channel is between the berths and the marsh.

***D. Identify the source(s) of information that supports a "yes" or "no" answer above in Box 11.C.***

Information based on guidance documents (EFH Conservation Measures document dated June 9, 2011; Longfin smelt guidance documents on LTMS website) and communications with LMTS Program managers/previous permits related to dredging at the Port.

STATE OF CALIFORNIA  
DEPARTMENT OF FISH AND WILDLIFE

## NOTIFICATION OF LAKE OR STREAMBED ALTERATION

Applicant Name: Port of Redwood City

Project Title: Wharves 1-4 Maintenance Dredging

### ATTACHMENT D

#### Routine Maintenance

If the applicant is notifying the Department to obtain an agreement for routine maintenance activities, Section I must be completed and the information and documents described in Sections II and III must be submitted with the notification.

#### I. REGULARLY RE-OCCURRING MAINTENANCE ACTIVITIES

These are generally activities designed to maintain channel capacity. Check each box that applies:

Sediment removal:

In and around bridges, culverts, storm drain outlets, and/or water diversion inlets

Stream channel bottom

Pond or lake

Marina basin

Deepwater ship berths adjacent to federally maintained Redwood Creek deepwater

Other: navigation channel.

Clearing trash and debris

Removing fallen trees

Removing dead (not dormant) trees and shrubs

Vegetation:

Limbing and/or trimming of branches and tree limbs

Vegetation removal under high power lines

Mowing levee slopes and stream banks

Mowing within stream and floodway channels

Removing emergent (e.g., bulrush and cattails) or other near water vegetation with:

hand tools

mechanical vegetation cutters and shredders

heavy equipment (soil disturbance)

chemicals

NOTIFICATION OF LAKE OR STREAMBED ALTERATION  
ATTACHMENT D

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- Removing vegetation from the **upper half** of the bank with:
  - hand tools
  - mechanical vegetation cutters or shredders
  - heavy equipment (soil disturbance)
  - chemicals
- Removing vegetation from the **lower half** of bank with:
  - hand tools
  - mechanical vegetation cutters or shredders
  - heavy equipment (soil disturbance)
  - chemicals
- Removing vegetation within the channel with:
  - hand tools
  - mechanical vegetation cutters and shredders
  - heavy equipment (soil disturbance)
  - chemicals
- Removing invasive, non-native plants with:
  - hand tools
  - mechanical vegetation cutters and shredders
  - heavy equipment (soil disturbance)
  - chemicals
- Other: \_\_\_\_\_
- Debris and brush pile burning
- Burning levees
- Minor erosion repair:
  - Repair at existing erosion control sites
  - New erosion repair
- Revegetation with local, native plant species

NOTIFICATION OF LAKE OR STREAMBED ALTERATION  
ATTACHMENT D

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Chemical application:

Herbicides

Rodenticides

Insecticides

Minor bridge work:

Reinforcing pilings

Reinforcing aprons

Bridge painting (access and falsework)

Materials to be used for reinforcement: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

**II. MAP OR MAPBOOK**

Maps must be of sufficient detail to assist in locating maintenance sites and should include the following:

- A. The applicant's jurisdictional boundaries
- B. All watercourses within the jurisdictional boundaries where maintenance will occur
- C. A key to identify each watercourse and the maintenance activities and location (e.g., bridges, water control diversions, and large scale maintenance) of those activities that are likely to occur

**III. SPECIAL STATUS SPECIES LOCATIONS**

A drawing, diagram, or map that shows the applicant's jurisdictional boundaries and the locations within that area where special status species are known to exist.