

**California Department of Fish and Wildlife**  
Northern Region  
619 Second Street  
Eureka, California 95501



**Streambed Alteration Agreement**

Notification No. 1600-2021-0058-R1

tributary to Powers Creek, tributary to the Mad River, Humboldt County

**1 Encroachment**

Applicant: Nancy Rounds, as represented by William Kleiner

Property owner: Nancy Rounds

Associated THP: 1-21EX-00503-HUM; "Rounds Exemption"

This Streambed Alteration Agreement (Agreement) is entered into between the California Department of Fish and Wildlife (CDFW) and Nancy Rounds (Permittee), as represented by William Kleiner, with Western Timber Services, Inc.

**RECITALS**

WHEREAS, pursuant to Fish and Game Code (FGC) section 1602, Permittee notified CDFW on June 08, 2021 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 activities to be completed according to the Agreement are located approximately 0.5 miles northeast of Blue Lake in Humboldt County in a tributary to Powers Creek, tributary to the Mad River. The project is located in Section 20, Township 6N, Range 02E; Humboldt Base and Meridian, in the Blue Lake, California, U.S. Geological Survey 7.5-minute quadrangle (see Appendix A).

**PROJECT DESCRIPTION**

The project proposes to install and remove a Class II temporary culvert crossing as outlined in, and limited to, the Table below (see Table 1 for encroachment details).

**Table 1:** Streambed Alteration Agreement 1600-2021-0058-R1 encroachment details for 1-21EX-00503-HUM "Rounds Exemption"

<b>Map Point</b>	<b>Watercourse classification</b>	<b>Encroachment description</b>	<b>Minimum culvert size (in)</b>
X	II	Temporary Culvert Crossing	n/a

## **PROJECT IMPACTS**

Existing fish or wildlife resources the project could substantially adversely affect include: amphibians, reptiles, aquatic invertebrates, and other aquatic and riparian species.

The adverse effects the project could have on the fish or wildlife resources identified above include: impede up- and/or down-stream migration of aquatic species, damage to rearing habitats and potential cumulative impacts.

## **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. In that event, CDFW shall contact Permittee to resolve any conflict.
- 1.4 Project Site Entry: Permittee agrees that CDFW personnel may enter the project site at any time to verify compliance with the Agreement.
- 1.5 Project Accordance: Except where otherwise stipulated in this Agreement, all work shall be in accordance with the project description submitted with

Notification No. 1600-2021-0058-R1 and 1-21EX-00503-HUM approved by CAL FIRE on 4/21/21

- 1.6 All Lake and Streambed Alteration Agreement (LSAA) notification, amendment, extension and emergency forms can be found:  
<https://www.wildlife.ca.gov/Conservation/LSA/Forms>.

## 2. REPORTING MEASURES

- 2.1 CDFW Reporting Location: All reports shall be sent by email to [CTP@wildlife.ca.gov](mailto:CTP@wildlife.ca.gov).
- 2.2 Emergency Road Work: Permittee may remove obstructions and sediment at any time if the obstructions and sediment would reasonably be expected to cause substantial damage to resources or cause the facility to fail outside the time periods specified above. If heavy equipment is used, please notify CDFW within 14 days after completing activity using the emergency work form (<https://www.wildlife.ca.gov/Conservation/LSA/Forms>).

## AVOIDANCE AND MINIMIZATION MEASURES

To avoid or minimize adverse impacts to fish and wildlife resources identified above, Permittee shall implement each measure listed below as outlined in Sections 3 through 7.

## 3. PROJECT TIMING

- 3.1 Timing for Work on Class II Watercourses: Permittee shall conduct the following activities only during periods between June 1 and October 15: vegetation removal; bank stabilization; and maintenance, replacement and installation of watercourse crossings. Temporary crossings installed during this time shall be removed prior to October 15.

## 4. INSPECTIONS AND REPAIR WORK

- 4.1 Inspection Timing: All crossings appurtenant to proposed operations shall be inspected by Permittee at least once during the first spring following construction. The inspection shall ensure that crossings are functioning as designed, road approaches hydrologically disconnect the road prism from waters, and the fine sediment present on road approach surfaces is prevented from delivery to streams. Inspection results and follow-up repair measures shall be documented and provided to CDFW in the annual monitoring report.

- 4.2 Repair Work: Permittee shall perform routine repair work that prevents diversion of water from a stream or ditch or helps maintain a stable operating surface within 50 feet of a crossing (e.g. repairing inboard ditches, cross drains, water bars, road surface and fill, unblocking of culverts) as soon as possible, regardless of the time of year. Forest floor discharge sites below the outlets of drainage facilities on all roads within the plan area and appurtenant to proposed operations shall be inspected for evidence of sediment delivery to streams. If evidence of sediment delivery is present, additional measures shall be undertaken to reduce the discharge of sediment from the site.
- 4.3 Emergency Road Work: Permittee may remove obstructions and sediment at any time if the obstructions and sediment would reasonably be expected to cause substantial damage to resources or cause the facility to fail outside the time periods specified above. If heavy equipment is used, please notify CDFW within 14 days after completing activity using the emergency work form (<https://www.wildlife.ca.gov/Conservation/LSA/Forms>).

## 5. GENERAL CONDITIONS FOR ALL ENCROACHMENTS

- 5.1 Heavy equipment shall not enter, cross, or operate in a stream when surface water is present. If heavy equipment is approved by CDFW for use in the stream at a particular site, equipment shall be cleaned of materials deleterious to aquatic life including oil, grease, hydraulic fluid, soil and other debris. Cleaning of equipment shall take place outside of the Watercourse and Lake Protection Zone (WLPZ) and prior to entering the water.
- 5.2 In Class II watercourses, where flowing water is present during operations:
- a) Cofferdams shall be installed to divert stream flow, isolate and dewater the work site, catch any sediment-laden water, and minimize sediment transport downstream. Cofferdams shall be constructed of non-polluting materials including sand bags, rock, and/or plastic tarps. Mineral soil shall not be used in the construction of cofferdams.
  - b) Flowing water shall be cleanly bypassed and/or prevented from entering the work area through pumping or gravity flow, and cleanly returned to the stream below the work area. Flow diversions shall be done in a manner that shall prevent pollution and/or siltation and provide flows to downstream reaches.
  - c) Permittee shall remove any turbid water and sediment present in the work area prior to restoring water flow through the project site, and place them in a location where they cannot enter the Waters of the State.
- 5.3 No fill material shall be placed within a stream except as specified in this Agreement.

- 5.4 Adequate and effective erosion and siltation control measures shall be used to prevent sediment or turbid or silt-laden water from entering streams at all times. Where needed, Permittee shall use native vegetation or other treatments including jute netting, straw wattles, and geotextiles to protect and stabilize soils. Geotextiles, fiber rolls, and other erosion control treatments shall not contain plastic mesh netting.
- 5.5 All bare mineral soil outside of the stream channel and in the riparian area exposed in conjunction with road work and drafting activities shall be treated for erosion prior to the onset of precipitation capable of generating run-off or the end of the yearly work period, whichever comes first. Restoration shall include the seeding and mulching of all bare mineral soil with at least 2 to 4 inches straw mulch and native plants or regionally appropriate seeds, or sterile varieties or short-lived non-native annuals that are known not to persist or spread such as cereal cover crops [e.g. barley (*Hordeum vulgare*), buckwheat (*Fagopyron esculentum*), oats (*Avena sativa*), rye (*Secale cereale*), wheat (*Triticum aestivum*)] to avoid the propagation of non-native (invasive) plants and minimize competition with native vegetation. Annual (Italian) ryegrass (*Lolium multiflorum*) shall not be used.
- 5.6 Encroachments and associated approaches, structures, fills, and other exposed soils shall be armored as needed to protect the stream channel and banks from erosion. Armoring shall be comprised of rock riprap, large woody debris (LWD), or other non-polluting materials and shall be constructed to remain in place during periods of high flow events. When used on permanent culverts, armoring shall extend at least as high as the top of the culvert, and shall prevent bank erosion by extending a sufficient distance upstream and downstream along the banks.
- 5.7 Encroachments shall be constructed, deconstructed, and maintained in a manner that minimizes to the extent feasible headcutting or downcutting of the stream channel by installing grade control such as riprap, woody debris, or through other effective measures.
- 5.8 Approaches to all encroachments shall be treated to eliminate the generation and transport of sediment to streams. Treatment locations shall include, but not be limited to, road surfaces, fill faces, cut banks, and road drainage ditches. Road approaches and other work shall be left in a finished condition with all hydrologic connectivity from the road or ditch to the site eliminated as feasible and effective erosion control in place prior to any rainfall event capable of generating runoff. Effective erosion control shall extend away from the crossing to at least the first waterbreak.
- 5.9 Disturbance or removal of vegetation shall not exceed the minimum necessary to complete operations.

- 5.10 Temporary erosion control devices, such as straw bales, silt fencing, and sand bags, may be used, as appropriate, to prevent siltation of the stream. To minimize the risk of ensnaring and strangling wildlife, coir rolls, erosion control mats or blankets, straw or fiber wattles, or similar erosion control products shall be composed entirely of natural-fiber, biodegradable materials. Permittee shall not use "photodegradable" or other plastic erosion control materials.
- 5.11 All non-merchantable LWD excavated during crossing construction or deconstruction shall be used on site for streambed and bank stabilization or erosion control. LWD shall be sufficiently anchored or keyed-in to resist movement during high flows and placed in a manner that prevents undercutting of streambanks.
- 5.12 Permittee shall provide site maintenance including, but not limited to, re-applying erosion control to minimize surface erosion and ensure streambeds and banks remain sufficiently armored and/or stable at the encroachment for as long as the encroachment remains.
- 5.13 Structures and associated materials not designed to withstand high seasonal flows shall be removed to areas above the ordinary high water mark before such flows occur or the end of the yearly work period, whichever comes first.
- 5.14 Refueling of equipment and vehicles and storing, adding or draining lubricants, coolants or hydraulic fluids shall not take place within RMZs or within stream beds, banks or channels. All such fluids and containers shall be disposed of properly. Heavy equipment including water drafting trucks parked within RMZs or streambeds, banks or channels shall use drip pans or other devices (e.g. absorbent blankets, sheet barriers or other materials) as needed to prevent soil and water contamination.
- 5.15 No debris, soil, silt, sand, bark, slash, sawdust, rubbish, cement or concrete washings, oil or petroleum products, or other organic or earthen material from any logging, construction, or associated activity of whatever nature shall be allowed to enter into or be placed where it may be washed by rainfall or runoff into Waters of the State. When operations are completed, any excess materials or debris shall be removed from the work area. No rubbish shall be deposited within 150 feet of the high water mark of any stream.

## 6. TEMPORARY CROSSINGS

- 6.1 Incised, Deep, Rough or Steep Channels: Permittee shall use a bridge, Spittler, or modified Spittler-type crossing on Class II watercourses that have incised, deep, rough, or steep channels to minimize bank disturbance.

### *Standard Temporary Crossings*

- 6.2 Temporary crossings shall not restrict surface flows at the time of installation.
- 6.3 At all temporary crossings, logs, green slash, tops and/or straw bales shall be used as fill instead of earthen material to the maximum extent feasible.
- 6.4 When surface water is present, temporary crossing fill shall only be composed of clean, durable, screened rock and a culvert or a combination of such rock, filter fabric, sound logs and green slash, and straw. These materials shall cause no siltation. Above this fill, a fractured rock or native soil cap may be installed to provide a compacted road surface. The cap's thickness and soil content shall not exceed the minimum necessary to provide for adequate compaction. No soil from the cap shall come in contact with the stream channel.
- 6.5 During temporary crossing deconstruction and removal activities, when stream crossings, stream channels, and fills are excavated, all materials shall be excavated down to the original stream channel and outwards, horizontally, as wide as or wider than the natural channel to form a channel as close as feasible to the natural stream grade and alignment.

### *Spittler or Modified Spittler-Type Crossings*

- 6.6 Permittee shall ensure that Spittler and modified Spittler-type crossings include a culvert to carry flows, choked-logs to fill the channel, a six inch minimum straw layer, and a temporary running surface of local topfill or rock.
- 6.7 Culverts shall be of sufficient size to accommodate the expected flow during the use period.
- 6.8 Log fill crossing (Spittler) shall be constructed by laying choker cables or similar cables across stream channel, then placing pipe and/or sound logs in the channel bottom. The logs shall then be covered with filter fabric and/or straw mats, and rock or a local topfill used for road surfacing. For removal, the topfill shall be scraped off, the logs removed as a unit by pulling the chokers, and loose soil removed from the crossing using mechanized equipment and/or hand tools, as necessary. The straw layer in temporary log fill crossings (Spittler) shall extend beyond the road fill surface to prevent fill from entering the logs and stream (i.e., the straw layer should be visible on the crossing edges after installation). If whole bales are used the twine shall be cut after installation of the bales to create a continuous straw layer.
- 6.9 Restore Habitat Structures: Permittee shall restore or replace habitat structures (boulders and large woody debris) removed during temporary crossing installation in equal quantities after removing the crossing.

- 6.10 No Restriction of Flow: Permittee shall ensure that a temporary crossing shall not restrict the flow of the live stream at the time of installation.

## 7. DECONSTRUCTION AND ABANDONMENT

- 7.1 When stream crossings and fills are removed, all fill shall be excavated down to the original stream channel and outwards, horizontally, as wide as or wider than the natural channel to form a channel as close as feasible to the natural stream grade and alignment. The restored stream bank slopes shall be no steeper than a 2:1 slope (horizontal: vertical) or natural slope. Restored slopes shall be stabilized to prevent slumping and to minimize soil erosion that could lead to sediment deposition into Waters of the State.
- 7.2 Sites previously not fully excavated shall be completely excavated when crossings are deconstructed. Adjacent potentially unstable road or landing fill that can enter a stream shall also be excavated when crossings are deconstructed.
- 7.3 All excavated fill shall be placed in stable areas where it cannot enter or erode into a stream.

## CONTACT INFORMATION

Written communication that Permittee or CDFW submits to the other shall be delivered to the address below unless Permittee or CDFW specifies otherwise:

To Permittee:

Nancy Rounds  
751 Elgar Road  
Blue Lake, California 95525

To CDFW:

Department of Fish and Wildlife  
North Coast Region  
619 Second St  
Eureka, California 95501  
ATTN: Lake and Streambed Alteration  
Program  
Notification # 1600-2021-0058-R1  
Fax: (707) 441-2021

## 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. For example, if the project causes take of a species listed as threatened or endangered under the Endangered Species Act (ESA), such take will be unlawful under the ESA absent a permit or other form of authorization from the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

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.

### **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.

### **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. 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 before beginning or continuing the project the Agreement covers (FGC § 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 CEQA.

### **TERM**

This Agreement shall expire 5 years from the CDFW signature date below, 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**

Maps of the encroachment sites are included as an exhibit to the Agreement and shall be incorporated herein by reference.

**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.

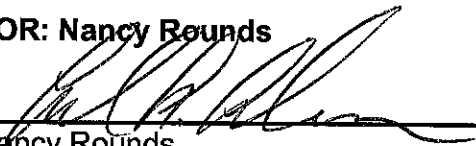
**AUTHORIZATION**

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.

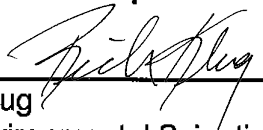
**CONCURRENCE**

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

**FOR: Nancy Rounds**

  
\_\_\_\_\_  
Nancy Rounds 12-10-21  
Date

**FOR: California Department of Fish and Wildlife**

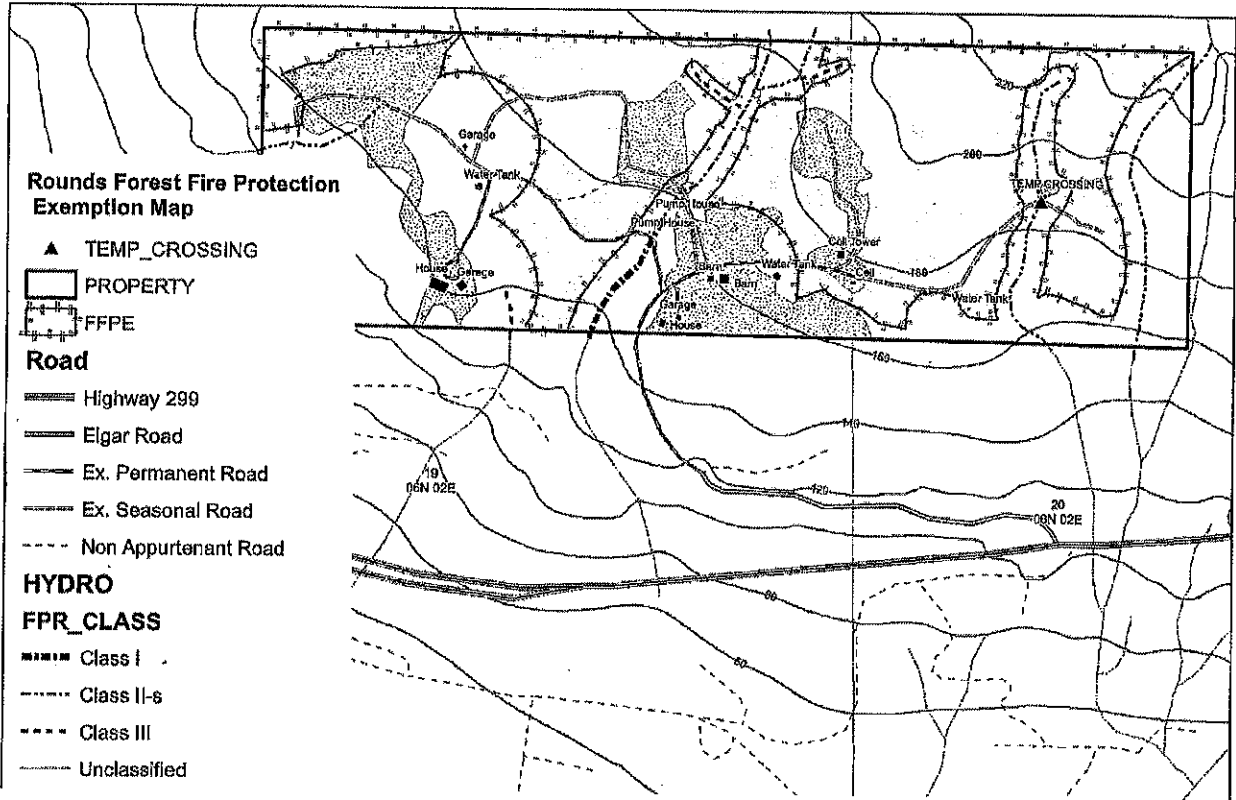
  
\_\_\_\_\_  
Richard Klug 12-14-2021  
Senior Environmental Scientist (Supervisory) Date  
Timber Conservation Planning

**Prepared by:**

Bianca Hayashi  
Environmental Scientist  
Timber Conservation Planning

6/22/21

**Appendix A, Map of Encroachment:**



**Notice of Exemption**

**To:**  
Office of Planning and Research  
*For U.S. Mail:*  
P.O. Box 3044  
Sacramento, CA 95812-3044

**From:**  
Department of Fish and Wildlife  
Region 1 – Northern  
619 Second Street  
Eureka, CA 95501



*Street Address:*  
1400 Tenth Street  
Sacramento, CA 95814

**State Clearinghouse Number:** N/A

**Project Title:** Floyd 1-21-EX-00503-HUM (Lake or Streambed Alteration Agreement No. 1600-2021-0058-R1)

**Project Location:** The activities to be completed according to the Agreement are located approximately 0.5 miles northeast of Blue Lake in Humboldt County in a tributary to Powers Creek, tributary to the Mad River. The project is located in Section 20, Township 6N, Range 02E; Humboldt Base and Meridian, in the Blue Lake, California, U.S. Geological Survey 7.5-minute quadrangle.

**Project Description:** The project proposes to install and remove a Class II temporary culvert crossing.

**Public Agency Approving Project:** CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE


**Person or Public Agency Carrying Out Project:** William Kleiner of Western Timber Services, Inc

**Exempt Status:**

- Statutory Exemption.
- Categorical Exemption. Type – Class 2; California Code of Regulations, Title 14, Section 15302

**Reasons why project is exempt:** There would be no significant adverse impact on endangered, threatened, or rare species or their habitat pursuant to §15065. There are no hazardous materials at or around the project site that may be disturbed or removed. The project will not result in impacts that are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.

**CDFW Contact Person:** Bianca Hayashi (Environmental Scientist), (707) 445-6500

*Signature:*  *Date:* 12-14-2021  
Richard Klug, Senior Environmental Scientist Supervisor

Date received for filing at OPR: \_\_\_\_\_