



FOR DEPARTMENT USE ONLY

Date Received	Amount Received	Amount Due	Date Complete	Notification No.
	\$	\$		1600-2016-0198-R1



STATE OF CALIFORNIA  
DEPARTMENT OF FISH AND WILDLIFE  
**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	Doug Cole			
Business/Agency	Marble Mountain Ranch			
Street Address	92520 CA-96			
City, State, Zip	Somes Bar, CA, 95568			
Telephone	(530) 469-3322	Fax		
Email	gustranch@marblemountainranch.com			

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

Name	Will Harling - Mid Klamath Watershed Council			
Street Address	38150 Highway 96			
City, State, Zip	Orleans, CA 95556			
Telephone	(530) 627-3202	Fax		
Email	will@mkwc.org			

**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		Marble Mountain Ranch Ditch Maintenance		
B. Agreement Term Requested		<input checked="" type="checkbox"/> Regular (5 years or less) <input 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)	
2016	2016	May/12	June/30	
				Approx. 12

## 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 checked="" type="checkbox"/> Water Diversion/Extraction/Impoundment (Attachment C)	SWRCB Number: <u>S016375</u>
E.	<input 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			
2			
3			
4			
5			
		D. Base Fee (if applicable)	
		<b>E. TOTAL FEE ENCLOSED</b>	

### 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**

<b>A. Address or description of project location.</b> <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 project is located on Stanshaw Creek about 0.87 miles upstream of the confluence with the Klamath River and about 8 miles north of Somes Bar.				
The project will convey diverted flow in a pipe from an existing point of diversion on Stanshaw Creek to Marble Mountain Ranch. Construction activities will be entirely within the existing ditch, beginning about 15 feet downditch from the point of diversion. A CDFW/NMFS compliant cylindrical passive fish screen will be placed in the ditch and connected to a 6 inch diameter plastic irrigation pipe. A gate valve will be installed along the pipe within about 20 feet of the connection with the screen. Material from the ditch will be placed around the pipe and compacted to form a barrier that prevents creek flow from being conveyed down the ditch. The barrier will be armored with native gravel to prevent erosion. The pipe will be placed on the existing ditch bottom. Grading within the ditch will be limited to smoothing the ditch bottom to form a level surface to place the pipe.				
<input type="checkbox"/> Continued on additional page(s)				
<b>B. River, stream, or lake affected by the project.</b>		Stanshaw Creek		
<b>C. What water body is the river, stream, or lake tributary to?</b>		Klamath River		
<b>D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		
<b>E. County</b>	Siskiyou			
<b>F. USGS 7.5 Minute Quad Map Name</b>	<b>G. Township</b>	<b>H. Range</b>	<b>I. Section</b>	<b>J. ¼ Section</b>
Bark Shanty Gulch, CA	13N	6E	33	NW
<input type="checkbox"/> Continued on additional page(s)				
<b>K. Meridian (check one)</b>	<input checked="" type="checkbox"/> Humboldt <input type="checkbox"/> Mt. Diablo <input type="checkbox"/> San Bernardino			
<b>L. Assessor's Parcel Number(s)</b>				
U.S. Forest Service Land				
<input type="checkbox"/> Continued on additional page(s)				
<b>M. Coordinates (If available, provide at least latitude/longitude or UTM coordinates and check appropriate boxes)</b>				
<b>Latitude/Longitude</b>	Latitude: 42.472346N		Longitude: 123.50418W	
	<input checked="" type="checkbox"/> Degrees/Minutes/Seconds		<input checked="" type="checkbox"/> Decimal Degrees <input type="checkbox"/> Decimal Minutes	
<b>UTM</b>	<b>Easting:</b>	<b>Northing:</b>	<input type="checkbox"/> Zone 10 <input type="checkbox"/> Zone 11	
<b>Datum used for Latitude/Longitude or UTM</b>		<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 checked="" 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 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.

The project will convey diverted flow in a pipe from an existing point of diversion on Stanshaw Creek to Marble Mountain Ranch. Construction activities will be entirely within the existing ditch, beginning about 15 feet downditch from the point of diversion. A cylindrical passive fish screen will be placed in the ditch and connected to a 6 inch diameter plastic irrigation pipe. A gate valve will be installed along the pipe within about 20 feet of the connection with the screen. Material from the ditch will be placed around the pipe and compacted to form a barrier that prevents creek flow from being conveyed down the ditch. The barrier will be armored with native gravel to prevent erosion. The pipe will be placed on the existing ditch bottom. Grading within the ditch will be limited to smoothing the ditch bottom to form a level surface to place the pipe.

Less than 10 cubic yards of material will be excavated and placed. All excavation and fill will occur within the ditch and outside of Stanshaw Creek.

Construction will occur outside of the wetted channel. No water will be diverted or drafted for construction purposes. Piped water will not be returned to Stanshaw Creek and will be put to existing beneficial uses at Marble Mountain Ranch.

*Continued on additional page(s)*

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

mini excavator, all terrain vehicles with trailers, shovels, picks other hand tools.

*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

<b>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.</b>														
The project will be constructed outside of the bed, channel, bank of Stanshaw Creek.														
<input type="checkbox"/> <i>Continued on additional page(s)</i>														
<b>B. Will the project affect any vegetation?</b>														
<input type="checkbox"/> Yes ( <i>Complete the tables below</i> ) <input checked="" type="checkbox"/> No														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Vegetation Type</th> <th style="padding: 5px;">Temporary Impact</th> <th style="padding: 5px;">Permanent Impact</th> </tr> </thead> <tbody> <tr> <td style="height: 30px;"></td> <td style="padding: 5px;">Linear feet: _____ Total area: _____</td> <td style="padding: 5px;">Linear feet: _____ Total area: _____</td> </tr> <tr> <td style="height: 30px;"></td> <td style="padding: 5px;">Linear feet: _____ Total area: _____</td> <td style="padding: 5px;">Linear feet: _____ Total area: _____</td> </tr> </tbody> </table>	Vegetation Type	Temporary Impact	Permanent Impact		Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____		Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____					
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Tree Species	Number of Trees to be Removed	Trunk Diameter (range)												
<input type="checkbox"/> <i>Continued on additional page(s)</i>														
<b>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?</b>														
<input type="checkbox"/> Yes ( <i>List each species and/or describe the habitat below</i> ) <input type="checkbox"/> No <input type="checkbox"/> Unknown														
<input type="checkbox"/> <i>Continued on additional page(s)</i>														
<b>D. Identify the source(s) of information that supports a "yes" or "no" answer above in Box 11.C.</b>														
<input type="checkbox"/> <i>Continued on additional page(s)</i>														
<b>E. Has a biological study been completed for the project site?</b>														
<input type="checkbox"/> Yes ( <i>Enclose the biological study</i> ) <input type="checkbox"/> No														
<i>Note: A biological assessment or study may be required to evaluate potential project impacts on biological resources.</i>														
<b>F. Has a hydrological study been completed for the project or project site?</b>														
<input checked="" type="checkbox"/> Yes ( <i>Enclose the hydrological study</i> ) <input type="checkbox"/> No														
<i>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.</i>														

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 temporary sandbag barrier will be placed near the upstream end of the ditch to prevent water from entering the ditch and work area.

Continued on additional page(s)

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

The temporary sandbag barrier will prevent fish and water from entering the stream. Following placement of the sandbag barrier, the dewatered ditch shall be inspected for aquatic organisms. Aquatic organisms will be collected and returned to the creek.

Continued on additional page(s)

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

The temporary sandbag barrier will prevent water and fish from entering the ditch. Construction activities occur in unvegetated areas.

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. \_\_\_\_\_  Applied  Issued
- B. \_\_\_\_\_  Applied  Issued
- C. \_\_\_\_\_  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

<b>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)?</b>			
<input type="checkbox"/> Yes (Check the box for each CEQA, NEPA, CESA, and ESA document that has been prepared and enclose a copy of each) <input checked="" type="checkbox"/> No (Check the box for each CEQA, NEPA, CESA, and ESA document listed below that will be or is being prepared)			
<input type="checkbox"/> Notice of Exemption <input type="checkbox"/> Initial Study <input type="checkbox"/> Negative Declaration <input type="checkbox"/> THP/ NTMP	<input type="checkbox"/> Mitigated Negative Declaration <input type="checkbox"/> Environmental Impact Report <input type="checkbox"/> Notice of Determination (Enclose) <input type="checkbox"/> Mitigation, Monitoring, Reporting Plan	<input type="checkbox"/> NEPA document (type): _____ <input type="checkbox"/> CESA document (type): _____ <input type="checkbox"/> ESA document (type): _____	
<b>B. State Clearinghouse Number (if applicable)</b>			
<b>C. Has a CEQA lead agency been determined?</b>		<input type="checkbox"/> Yes (Complete boxes D, E, and F) <input type="checkbox"/> No (Skip to box 14.G)	
<b>D. CEQA Lead Agency</b>			
<b>E. Contact Person</b>		<b>F. Telephone Number</b>	
<b>G. If the project described in this notification is part of a larger project or plan, briefly describe that larger project or plan.</b>			
<input type="checkbox"/> Continued on additional page(s)			
<b>H. Has an environmental filing fee (Fish and Game Code section 711.4) been paid?</b>			
<input type="checkbox"/> Yes (Enclose proof of payment) <input type="checkbox"/> No (Briefly explain below the reason a filing fee has not been paid)			
<i>Note: If a filing fee is required, the Department may not finalize a Lake or Streambed Alteration Agreement until the filing fee is paid.</i>			

### 15. SITE INSPECTION

<b>Check one box only.</b>
<input checked="" type="checkbox"/> 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.
<input type="checkbox"/> I request the Department to first contact (insert name) _____ at (insert telephone number) _____ 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.



**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

5/12/2014  
Date

**Doug Cole**

Print Name

## **Attachment #1: Additional Description of Proposed Marble Mountain Ditch Improvements**

### **Project Objective:**

The project proposes to construct measures to prevent entrainment of fishes into the existing Marble Mountain Diversion, increase flows in Stanshaw Creek by eliminating diversion flow transmission losses in about 3200 feet of the existing Marble Mountain Diversion ditch, and control flow into the diversion. Once constructed water diverted into the ditch will be consumptively used. No flows will be returned to Stanshaw or Irving Creek.

### **Control of Water:**

All work will be conducted in the ditch. No work will be conducted in the stream. The work area will be isolated from the stream with a sandbag and plastic sheet barrier. The barrier will be placed in the ditch near the point of diversion. The barrier will prevent creek flow from entering the diversion. No water on the ditch side of the barrier will be returned to the creek.

### **Infrastructure:**

Project features include a prefabricated CDFW and NMFS approved passive fish screen, 6-inch diameter PVC pipe, 6" gate valve, and tee to supply water to the domestic water treatment facility. A Pump-Rite L250 fish screen will be placed in the ditch and connected to the 6 inch PVC pipe with a compression coupling. The screen will be located about 15 feet downditch from the point of diversion. A plug constructed of native material with plastic sheet cutoffs will be installed in the ditch to prevent creek flows from entering the ditch. The plug will be about 8 to 10 feet long as measured longitudinally along the ditch. The plug exterior will be armored with native gravels harvested from the ditch. The pipe will be laid on the ditch bed. Isolated high points along the ditch bed will be smoothed to allow the pipe to be placed on an even grade. Excess material from the bed smoothing will be used to construct the plug. An inline gate valve will be placed on the pipe on the down ditch side of the plug.

A temporary flow measurement weir will be constructed at the pipe outlet near the existing forebay. A Doppler flow meter is proposed near the existing hydropower facility. Design of the Doppler flow meter is ongoing.