



165 South Fortuna Boulevard, Fortuna, CA 95540

707-725-1897 • fax 707-725-0972

trc@timberlandresource.com

June 27, 2019

To Whom It May Concern,

In regards to Soren Jensen, 1600-2019-0130-R1, and APNs: 216-012-007 & 216-013-011, I hereby declare that; a LSAA 1600 notification has been submitted to the California Department of Fish and Wildlife. Field associate Skyler Twohig and RPF Chris Carroll have been to the site and are assisting with the process.

Please contact Timberland Resource Consultants with any questions or concerns.

Sincerely,



Chris Carroll, RPF #2628

Timberland Resource Consultants





FOR DEPARTMENT USE ONLY				
Date Received	Amount Received	Amount Due	Date Complete	Notification No.
	\$	\$		
Assigned to:				

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

Complete EACH field, unless otherwise indicated, following the instructions and submit ALL required enclosures, attachments, and fee(s) to the CDFW regional or field office that serves the area where the project will occur. Attach additional pages to notification, if necessary.

1. APPLICANT PROPOSING PROJECT

Name	Soren Jensen
Business/Agency	
Mailing Address	3 San Luis Place
City, State, Zip	Santa Rosa, CA, 95409
Phone Number	707-836-6348
Email	Calimeds024@gmail.com

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

Name	Chris Carroll
Business/Agency	Timberland Resource Consultants
Mailing Address	165 South Fortuna Blvd
City, State, Zip	Fortuna, Ca, 95540
Phone Number	707-725-1897
Email	carroll@timberlandresource.com

While an applicant is legally responsible for complying with Fish and Game Code section 1602 et seq., an applicant may designate and authorize an agent (e.g., lawyer, consultant, or other individual) to act as a Designated Representative. The Designated Representative is authorized to sign the notification and any agreement on behalf of the Applicant.

Do you authorize the Contact Person above to represent you as your Authorized Designated Representative?

☒ Yes, I authorize.

☐ No, I do not authorize.

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

Name	Kent Eubanks & Micheal Ramos & Soren Jensen
Mailing Address	12503 Saratoga Creek Drive
City, State, Zip	Saratoga, CA, 95070
Phone Number	
Email	



4. PROJECT NAME AND AGREEMENT TERM

A. Project Name	APN 216-012-007 & 216-013-011		
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	Beginning (year)	2019	Ending (year) 2024
D. Seasonal Work Period			
Season(s)*	Start Date (month/day)	End Date (month/day)	E. Number of Work Days
1	06/15	10/15	122
2			
3			
4			
5			

* Continue on additional page(s) if necessary

5. AGREEMENT TYPE

Check the applicable box. If boxes B – F are checked, complete the <u>specified attachment</u> .	
A.	<input checked="" 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: _____
E.	<input type="checkbox"/> Routine Maintenance (Attachment D)
F.	<input checked="" type="checkbox"/> Cannabis Cultivation (Attachment E)
G.	<input type="checkbox"/> CDFW Grant Programs Agreement Number: _____
H.	<input type="checkbox"/> Master
I.	<input type="checkbox"/> Master Timber Operations



6. FEES

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

A. Project Name		B. Project Cost	C. Project Fee
1	1 Stream Crossing in Class III watercourse	\$5,000	\$596.00
2	2 Point of Diversion in Class II & III watercourses	\$5,000	\$1,192.00
3			
4			
5			
6			
7			
8			
9	Remediation Fee < 1,000 sf		\$3,187.75
10			
		D. Base Fee (if applicable)	
		E. TOTAL FEE*	\$4,975.75

* Check, money order, and Visa or MasterCard (select Environmental Fees from Menu) payments are accepted.

7. PRIOR NOTIFICATION AND ORDERS

A. Has a notification previously been submitted to, or a Lake or Streambed Alteration Agreement previously been issued by, CDFW 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 a court or administrative order or notice, or a notice of violation (NOV) issued by CDFW?

☐ Yes

☒ No

(Enclose a copy of the order, notice, or NOV. If the applicant was directed to notify CDFW verbally rather than in writing, identify the person who directed the applicant to submit this notification, the agency he or she represents, and describe the circumstances relating to the order.)

Name of person who directed notification	Agency

Describe circumstances relating to order

☐ Continued on additional page(s)



8. PROJECT LOCATION

A. Address or description of project location.

(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.)

Take Highway 101 to Benbow Drive, Take Reed Mountain Road 5.7 miles. Turn right on dirt road.

See Attached Map.

☒ Continued on additional page(s)

B. River, stream, or lake affected by the project. **Class II & III Watercourses**

C. What water body is the river, stream, or lake tributary to? **East Branch South Fork Eel River**

D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?

☐ Yes

☒ No

☐ Unknown

E. County **Humboldt**

F. USGS 7.5 Minute Quad Map Name

G. Township

H. Range

I. Section

J. ¼ Section

Garberville, CA

5S

4E

14

NW

☐ Continued on additional page(s)

K. Meridian (check one)

☒ Humboldt

☐ Mt. Diablo

☐ San Bernardino

L. Assessor's Parcel Number(s)

216-012-007

216-013-011

☐ Continued on additional page(s)

M. Geographic coordinates (Provide the latitude and longitude coordinates for the property where the project(s) will take place. CDFW utilizes decimal degrees and WGS 84 datum. Access [Google Maps Help](#) if you need assistance in finding your coordinates.)

Latitude/Longitude	Latitude: See Addendum 8M	Longitude: ### ###
	Latitude: ## ###	Longitude: ### ###
	Latitude: ## ###	Longitude: ### ###
	Latitude: ## ###	Longitude: ### ###
	Latitude: ## ###	Longitude: ### ###



9. PROJECT CATEGORY

WORK TYPE	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR-MAINTAIN-OPERATE 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 checked="" 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"/>
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"/>
flood control	<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"/>
Water diversion without facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water diversion with facility	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other (specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



10. PROJECT DESCRIPTION

- A. Describe the project in detail. Include photographs of the project location and immediate surrounding area.
- Written description of all project activities with detailed step-by-step description of project implementation.
 - Include any structures (e.g., rip-rap, culverts) that will be placed or modified in or near the stream, river, or lake, and any channel clearing.
 - Specify volume, and dimensions of all materials and features (e.g., rip rap fields) that will be used or installed.
 - If water will be diverted or drafted, specify the purpose or use and include Attachment C.
 - Enclose diagrams, drawings, design plans, construction specifications, and maps that provide all of the following: site specific construction details; dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; overview of the entire project area (i.e., "bird's-eye view") showing the location of each structure and/or activity, significant area features, stockpile areas, areas of temporary disturbance, and where the equipment/machinery will access the project area.
 - A helpful resource to assist in the development of quality PDF maps in Google Earth. See Using Google Earth to Map your Property (PDF).

See Addendum 10

☒ Continued on additional page(s)

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

An excavator, dump truck, tractor and a grader may be used during this project.

☐ 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 project require work in the wetted portion of the channel?

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



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.

See Addendum 10

☒ Continued on additional page(s)

B. Will the project affect any vegetation?

☒ Yes (Complete the tables below) ☐ No (Include aerial photo with date supporting this determination)

Vegetation Type	Temporary Impact	Permanent Impact
See Addendum 10	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)
See Addendum 10		

☐ 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

Anadromous Salmonids downstream.

☐ Continued on additional page(s)

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

CNDDb

☐ 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 one or more technical studies (e.g., engineering, hydrologic, geological, or geomorphological) been completed for the project or project site?

☒ Yes (Enclose the study(ies))

☐ No

Note: One or more technical studies may be required to evaluate potential project impacts to a lake or streambed.

G. Have fish or wildlife resources or waters of the state been mapped or delineated on the project site?

☒ Yes (Enclose the mapped results)

☐ No

Note: Check "yes" if fish and wildlife resources or waters of the state on the project site have been mapped or delineated. "Wildlife" means and includes all wild animals, birds, plants, fish, amphibians, reptiles and related ecological communities, including the habitat upon which the wildlife depends." (Fish & G. Code, § 89.5.) If "yes" is checked, submit the mapping or delineation. If the mapping or delineation is in digital format (e.g., GIS shape files or KMZ), you must submit the information in this format for CDFW to deem your notification complete. If "no" is checked, or the resolution of the mapping or delineation is insufficient, CDFW may request mapping or delineation (in digital or non-digital format), or higher resolution mapping or delineation for CDFW to deem the notification complete.

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

A. Describe the techniques that will be used to prevent sediment, hazardous, or other deleterious materials from entering watercourses during and after construction.

Soil Stabilization Measures attached. The Applicant shall adhere to CDFW's standard measures for stream crossing upgrades, which consist of: Work within the active channel of a stream shall be restricted to periods of dry weather; Excavated fill material shall be placed in upland locations where it cannot deliver to a watercourse; and ensuring runoff from steep, erodible surfaces will be diverted into stable areas with little erosion potential or contained behind erosion control structures.

☒ Continued on additional page(s)

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

Crossing upgrades/decommissionings and remediation shall be conducted/implemented per attached BMPs, which are taken from the California Salmonid Stream Habitat Restoration Manual & Handbook for Forest, Ranch and Rural Roads.

☒ Continued on additional page(s)

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

The crossing upgrades/decommissioning and remediation are expected to minimize baseline sedimentation levels entering the watershed from the property, and will avoid potential significant impacts associated with total crossing failure.

☒ 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. Humboldt County Commercial Medical Marijuana Land Use Ordinance ☒ Applied ☐ Issued
- B. Water Quality Control Board Order No. 2015-0023 ☒ Applied ☐ Issued
- C. Small Irrigation Use Registration ☒ 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)

14. ENVIRONMENTAL REVIEW

A. Has a CEQA lead agency been determined?		<input checked="" type="checkbox"/> Yes (Complete boxes B, C, D, E, and F) <input type="checkbox"/> No (Skip to box 14.G)	
B. CEQA Lead Agency		California Regional Water Quality Control Board North Coast	
C. Contact Person	Mathias St. John	D. Phone Number	707-570-3762
E. Has a draft or final document been prepared for the project pursuant to CEQA and/or NEPA?			
<input type="checkbox"/> Yes (Check the box below for each CEQA or NEPA document that has been prepared and enclose a copy of each.)			
<input checked="" type="checkbox"/> No (Check the box below for each CEQA or NEPA document listed below that will be or is being prepared.)			
<input type="checkbox"/> Notice of Exemption	<input checked="" 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"/> Negative Declaration	<input type="checkbox"/> Notice of Determination (Enclose)		
<input type="checkbox"/> THP/ NTMP	<input type="checkbox"/> Mitigation, Monitoring, & Reporting Plan		
F. State Clearinghouse Number (if applicable)		No. 2015042074	
G. If the project described in this notification is not the "whole project" or action pursuant to CEQA, briefly describe the entire project (Cal. Code Regs., tit. 14 § 15378).			
See Addendum 10's discussion of California Regional Water Quality Control Board North Coast Region Order No. 2015-0023, Waiver of Waste Discharge Requirements and General Water Quality Certification for Discharges of Waste Resulting from Cannabis Cultivation and associated Activities or Operations with Similar Environmental Effects in the North Coast Region.			
<input checked="" type="checkbox"/> Continued on additional page(s)			



H. Has a CEQA filing fee been paid pursuant to Fish and Game Code section 711.4?

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

Note: The CEQA filing fee is in addition to the notification fee. If a CEQA filing fee is required, the Lake or Streambed Alteration Agreement may not be finalized until paid.

15. SITE INSPECTION

Check one box only.

☐ In the event CDFW determines that a site inspection is necessary, I hereby authorize a CDFW 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 CDFW such entry.

☒ I request CDFW to first contact (insert name) Chris Carroll at
(insert phone number or email address) 707-725-1897 or carroll@timberlandresource.com 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 CDFW's determination as to whether a Lake or Streambed Alteration Agreement is required and/or CDFW'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, CDFW 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 CDFW has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.

Chris Carroll
Signature of Applicant or Applicant's Authorized Representative

2-23-19
Date

Chris Carroll
Print Name

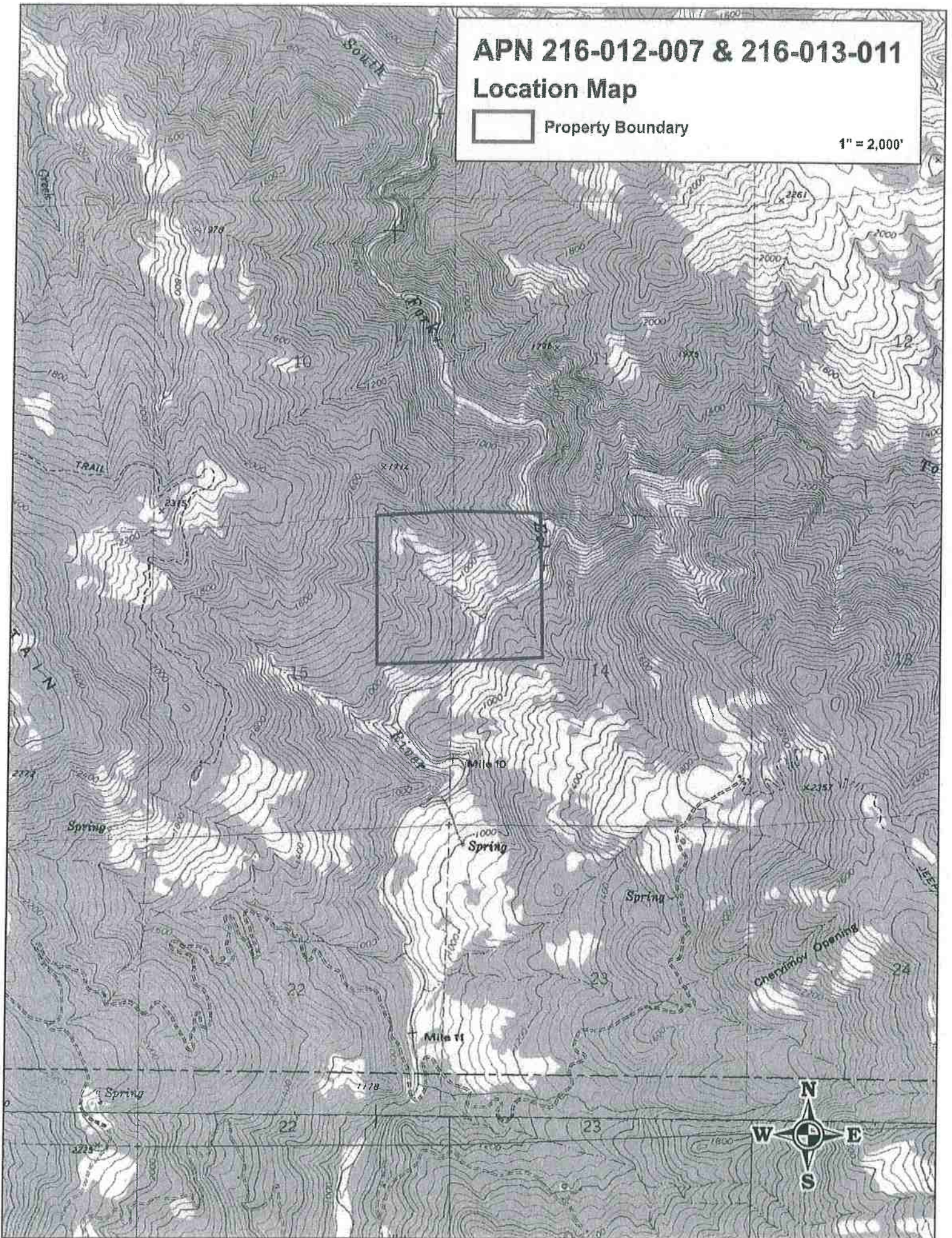
APN 216-012-007 & 216-013-011

Location Map



Property Boundary















1" = 2,000'



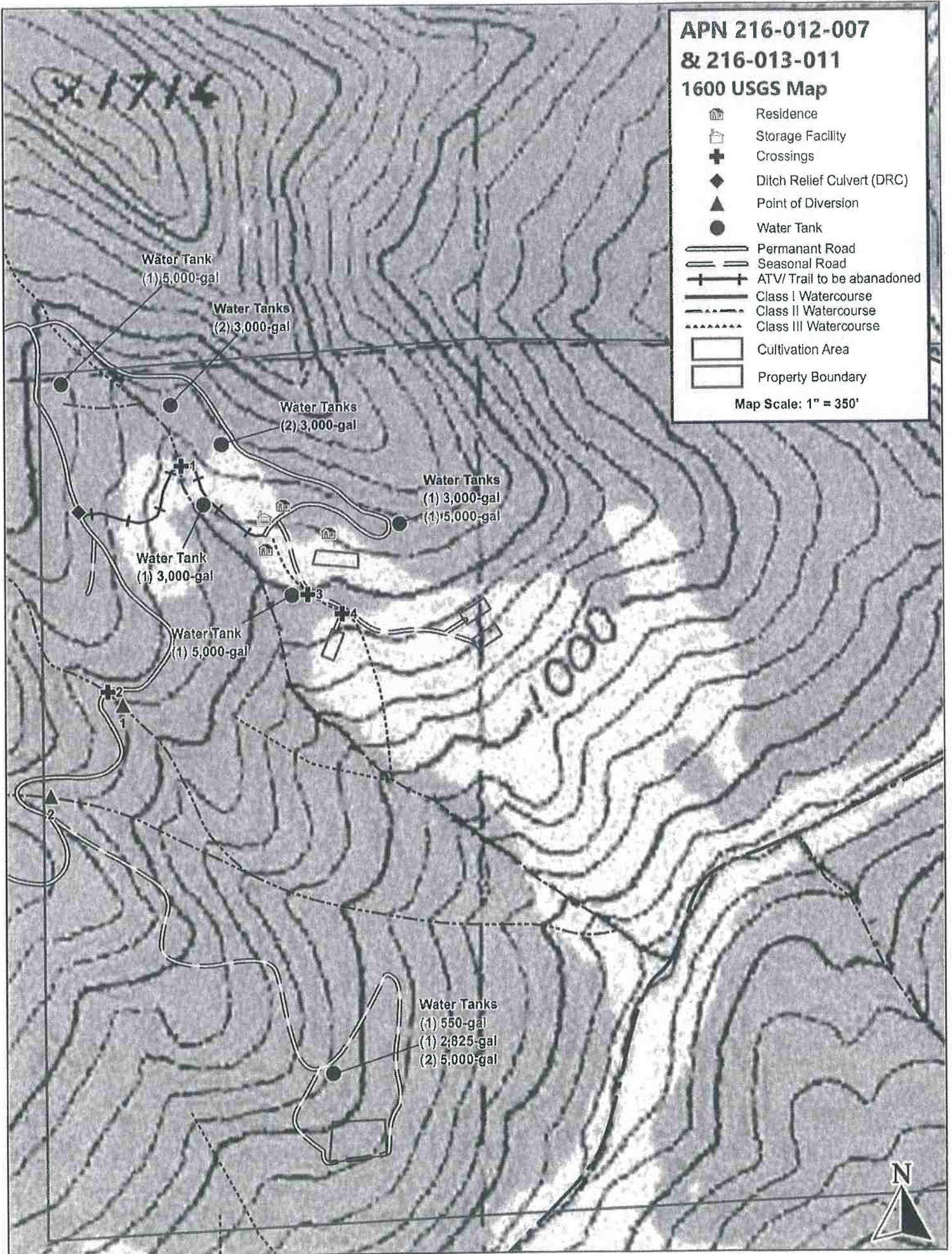
APN 216-012-007

& 216-013-011

1600 USGS Map

-  Residence
-  Storage Facility
-  Crossings
-  Ditch Relief Culvert (DRC)
-  Point of Diversion
-  Water Tank
-  Permanent Road
-  Seasonal Road
-  ATV/ Trail to be abandoned
-  Class I Watercourse
-  Class II Watercourse
-  Class III Watercourse
-  Cultivation Area
-  Property Boundary















Map Scale: 1" = 350'



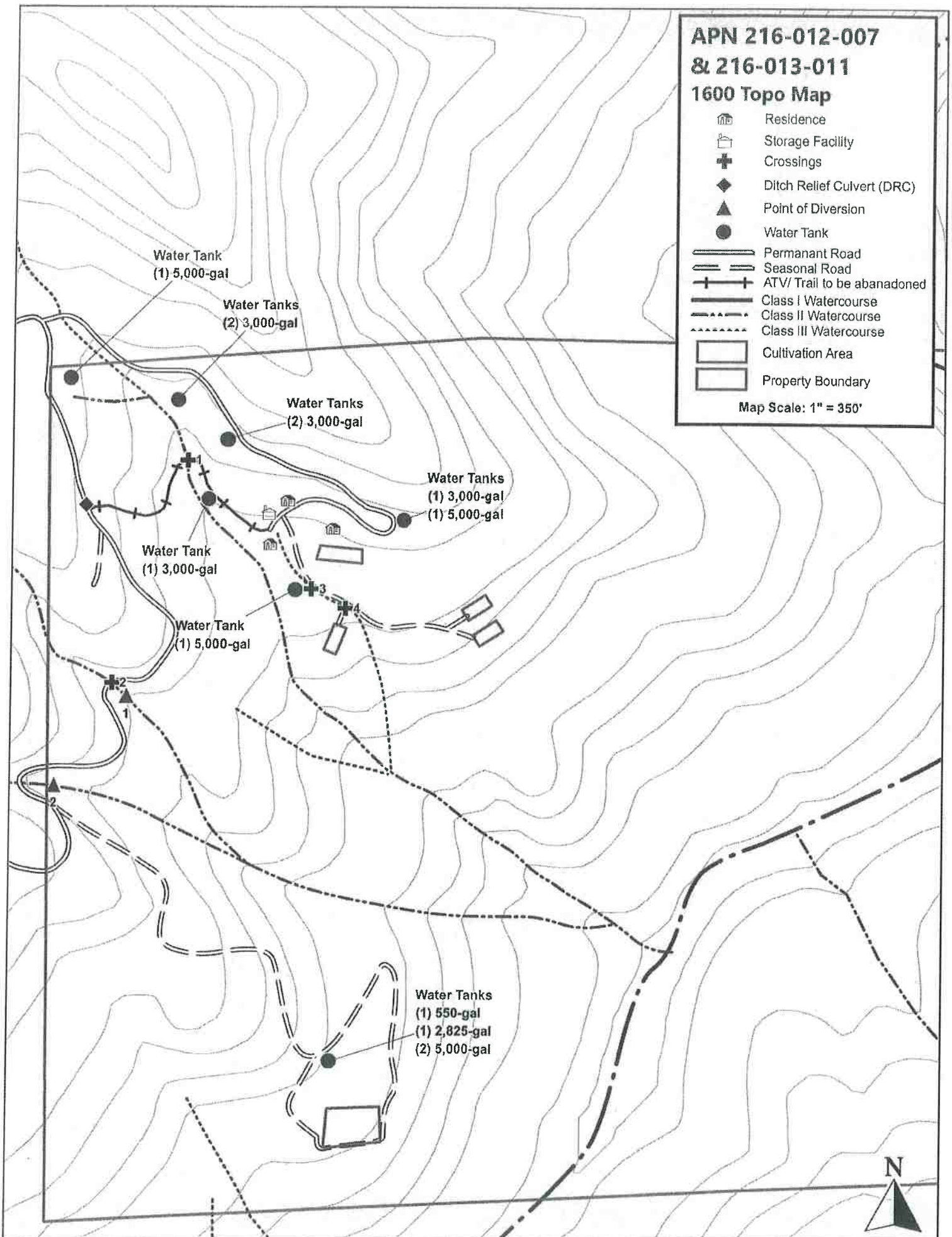
APN 216-012-007

& 216-013-011

1600 Topo Map

-  Residence
-  Storage Facility
-  Crossings
-  Ditch Relief Culvert (DRC)
-  Point of Diversion
-  Water Tank
-  Permanent Road
-  Seasonal Road
-  ATV/ Trail to be abandoned
-  Class I Watercourse
-  Class II Watercourse
-  Class III Watercourse
-  Cultivation Area
-  Property Boundary















Map Scale: 1" = 350'



APN 216-012-007

& 216-013-011

1600 DOQ Map

-  Residence
-  Storage Facility
-  Crossings
-  Ditch Relief Culvert (DRC)
-  Point of Diversion
-  Water Tank
-  Permanent Road
-  Seasonal Road
-  ATV/ Trail to be abandoned
-  Class I Watercourse
-  Class II Watercourse
-  Class III Watercourse
-  Cultivation Area
-  Property Boundary

Map Scale: 1" = 350'



Addendum 8M – Coordinates (NAD 83 DECIMAL DEGREES)

POD 1: -123.7092201°; 40.02541736°

POD 2: -123.7099785°; 40.02468155°

Crossing #1: -123.7086051°; 40.02736708°

Crossing #2: -123.7093793°; 40.02553682°

Crossing #3: -123.7072449°; 40.02632400°

Crossing #4: -123.7068777°; 40.02616743°

Addendum 10 – Project Description

Project Description: The project is located in the Carter Creek Calwater Planning watershed which is tributary to the Eel River, within APNs 216-013-011 & 216-012-007. This project is associated with Humboldt County Application #12922 for 43,560 ft² of outdoor cultivation. This notification is for two Points of Diversion and three crossings in Class II & III watercourses. The watercourse classifications shown on the maps and referenced below are based upon observation of channel conditions not presence and/or absence of aquatic species. Watercourses designated in this notification are based upon 14CCR 895.1 stated as the following: Watercourse means any well-defined channel with distinguishable bed and bank showing evidence of having contained flowing water indicated by deposit of rock, sand, gravel, or soil, including but not limited to, streams as defined in PRC 4528(f). Watercourse also includes manmade watercourses.

Water Storage and Use: Currently the Applicant has 45,800-gallons of water storage connected to two Points of Diversion supplying domestic water at the residences and the cultivation operation with agricultural water. The Applicant shall install a water meter to record monthly domestic and agricultural water use. The Applicant plans to file Small Irrigation Use Registration.

POD 1: Existing diversion structure is a 5-gallon bucket placed at the outlet of a Crossing #4 on a Class II watercourse. Water is diverted by gravity through a 1-inch polyline to storage tanks. The diversion is a source of agricultural water use. The Applicant shall forbear from the diversion from April 1st – October 31st for agricultural use.

POD 2: Existing diversion structure is a 5-gallon bucket placed below the outlet of a watercourse crossing in a Class II watercourse. Water is diverted by gravity through a 1-inch polyline a 50-gallon barrel. The diversion is a source of agricultural water use. The Applicant shall forbear from the diversion from April 1st – October 31st for agricultural use.

Crossing #1: Existing 30-foot long by 6-foot wide Wooden Bridge ATV trail crossing on a Class II watercourse. This crossing was never used by the current owner and shall be removed by hand. The removal of this crossing does not require and earthwork. The removal does not significantly alter the bed, bank, or channel of the watercourse.

Crossing #2: Existing Dirt Ford crossing on a Class III watercourse. The crossing shall be upgraded to an 18-inch diameter culvert with a length required to satisfy the attached specifications. The upgrading of this crossing requires the removal and displacement of approximately 8 cubic yards of fill and 120 ft² of overall disturbance (30-feet length by 3-feet deep by 4-feet wide). The upgrading of the crossing may require the loss of native grasses, forbs, and ferns.

Addendum 10 – Project Description (Cont.)

Crossing #3: Existing 18-inch diameter by an estimated 30-foot long CPP culvert crossing on a Class III watercourse. The culvert is sized for 100-year flow and is functioning properly. No work is proposed at this location.

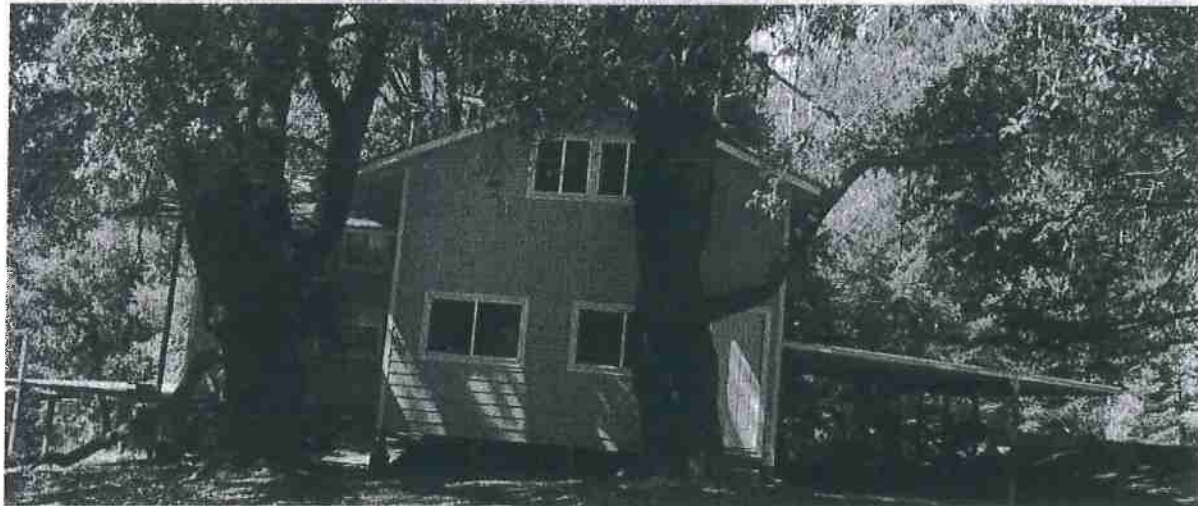
Crossing #4: Existing 36-inch diameter by 60-foot long CMP culvert crossing on a Class III watercourse. The culvert is sized for 100-year flow and is functioning properly. No work is proposed at this location.

All roads and developed sites were assessed for compliance with CDFW, which includes jurisdictional 1600 sites and potential California Fish and Game Code Section 5650 violations. The Applicant is enrolled into *California Regional Water Quality Control Board North Coast Region Order No. 2015-0023, Waiver of Waste Discharge Requirements and General Water Quality Certification for Discharges of Waste Resulting from Cannabis Cultivation and Associated Activities or Operations with Similar Environmental Effects in the North Coast Region*. TRC has completed the WRPP and evaluated compliance with the Standard Conditions per Provision I.B of Order No. R1-2015-0023. Based upon my field evaluation conducted in association with this notification, the assessment conducted for the preparation of the water resource protection plan is not expected to include any sites that are jurisdictional to CDFW per the California Fish and Game Code 1600 that should otherwise be included in this notification. The WRPP is attached.

Remediation Plan

Per Item II of Attachment E, Application #12922 has been submitted to Humboldt County and is currently under review for Commercial Cultivation, Processing, Manufacturing and Distribution of Cannabis for medical use. The County sends CDFW a copy of the complete application during the referral process, which has not occurred to date. If CDFW requires a copy of the County application to deem this notification complete, the agent will provide it. A CDFA license number is not available at this time. The Applicant plans on completing a CDFA property diagram to submit with the CDFA application. Once this is complete it can be provided to the Department per request.

Addendum 10 – Pictures



Pictures 1,2 & 3: The residences and storage structure which are a places of domestic water use. Photo dates 5/2/2017 & 9/5/2018.

Addendum 10 – Pictures



Picture 4: One 5,000-gallon hard plastic water storage tank located 100-feet north of the residence. Photo date 8-27-2018.

Addendum 10 – Pictures



Picture 5: Two 2,500-gallon hard plastic water storage tanks located 320-feet east of POD 1.
Photo date 5/2/2017.

Addendum 10 – Pictures



Picture 6: Two 2,500-gallon hard plastic water storage tanks located 490-feet east-southeast of POD. Photo date 5/2/2017.

Addendum 10 – Pictures



Picture 7: One 3,000-gallon hard plastic water storage tank located 250-feet west of residences. Photo date 5/2/2017.

Addendum 10 – Pictures



Picture 8 & 9: Crossing #1. Looking upstream and downstream at the Wooden ATV bridge that will be removed by hand. Photo dates 5/2/2017 & 9/5/2018.

Addendum 10 – Pictures



Picture 10: Crossing #2 inlet. Photo date 5/2/2017.

Addendum 10 – Pictures



Picture 11: Crossing #2 outlet. Photo date 5/2/2017.

Addendum 10 – Pictures



Picture 12: Looking upstream at POD 2 structure at the outlet of Crossing #2. Photo date 9/5/2018.

Addendum 10 – Pictures



Picture 13: Looking upstream at POD 3 placed at the outlet of a culvert crossing in a Class II watercourse. Photo date 9/5/2018.

Addendum 10 – Pictures



Picture 14: Looking upstream at POD 3 placed at the outlet of a culvert crossing in a Class II watercourse. Photo date 9/5/2018.

Addendum 10 – Pictures



Picture 15: One 550-gallon, one 2,825-gallon, and two 5,000-gallon hard plastic water storage tanks located 1,250-feet southeast of POD 3. Photo date 9/5/2018.

Addendum 10 – Pictures



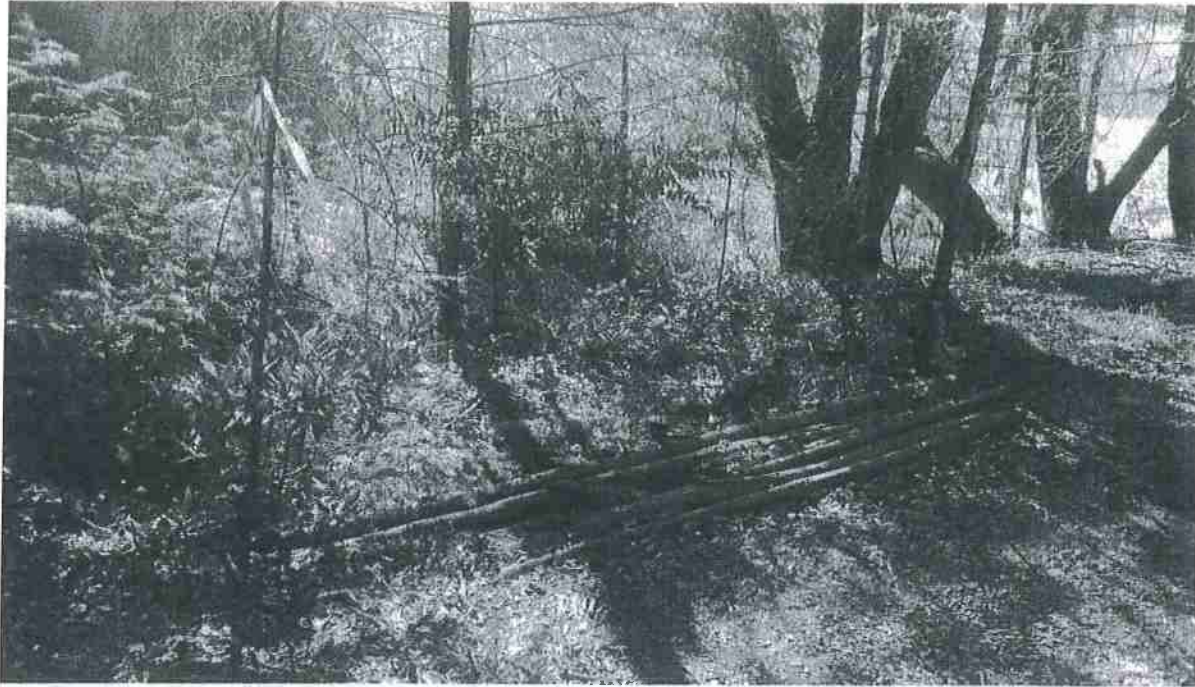
Picture 16: Looking at Crossing #3 from the western approach on a Class III watercourse.
Photo date 9/5/2018.

Addendum 10 – Pictures



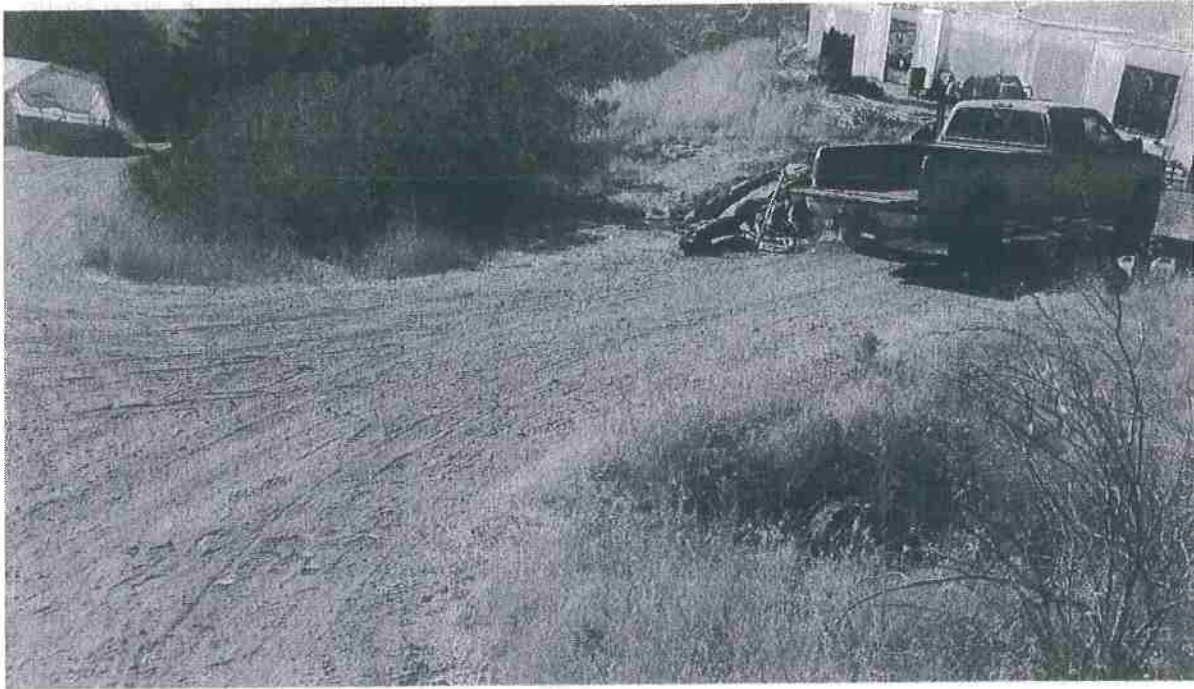
Picture 17: Looking upstream from Crossing #3 at the head of a Class III watercourse. Photo date 9/5/2018.

Addendum 10 – Pictures



Picture 18: Looking at Crossing #4 from the eastern approach on a Class III watercourse.
Photo date 9/5/2018.

Addendum 10 – Pictures



Picture 19: Looking downstream at Crossing #4 from the eastern approach on a Class III watercourse. Photo date 9/5/2018.

Addendum 10 – Pictures



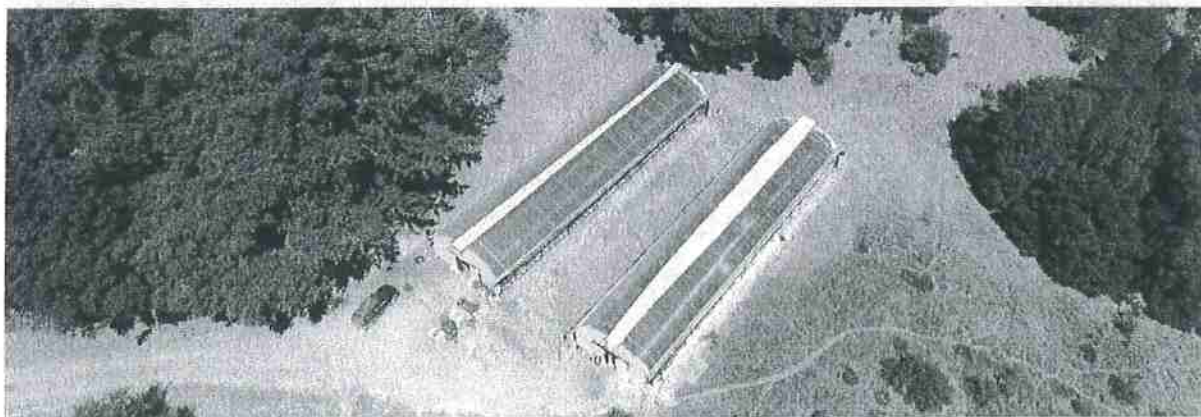
Picture 20: Looking downstream at the inlet to Crossing #4 on a Class III watercourse. Photo date 9/5/2018.

Addendum 10 – Pictures



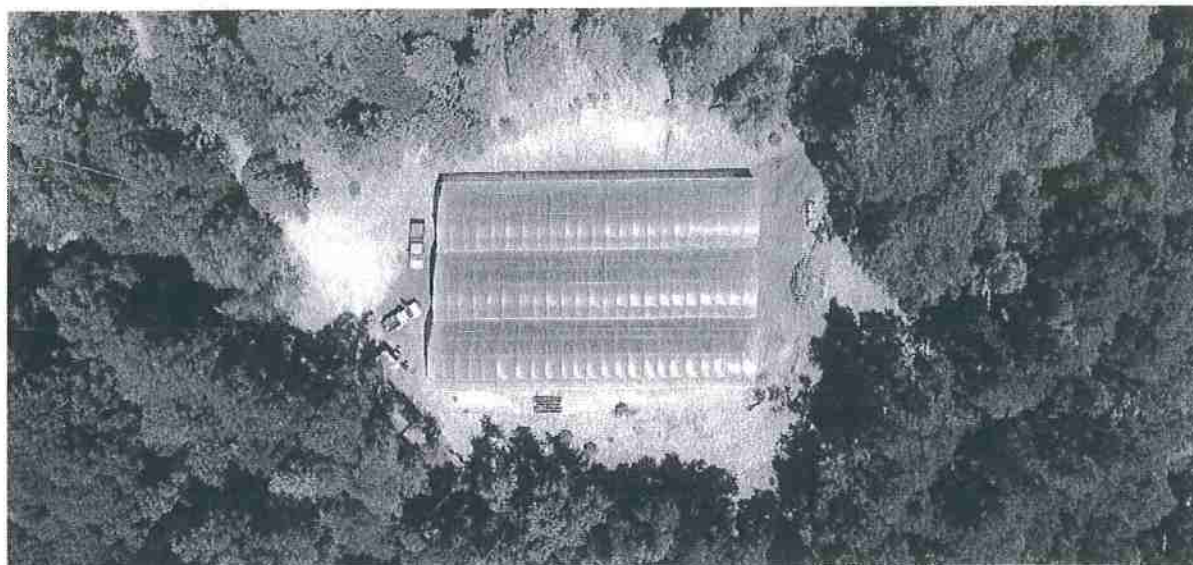
Picture 21: Looking downstream at the outlet from Crossing #4 on a Class III watercourse.
Photo date 9/5/2018.

Addendum 10 – Pictures



Pictures 22, 23 & 24: Cultivation Sites A, B, & C. Photos Dates 9/5/2018.

Addendum 10 – Pictures



Picture 25: Cultivation Site D. Photo date 9/5/2018.

Addendum 11F – Hydrologic Study

This notification utilizes the Rationale Method for Crossing #3 & #4 to determine the 100-year flood flow recommended in *"Designing Watercourse Crossings for Passage of 100-year Flood Flows, Wood, and Sediment."* 2017 Peter Cafferata, Thomas Spittler, Michael Wopat, Donald Lindsay, William Short, Drew Coe, Greg Bundros, and Sam Flanagan. This report recommends that the rational method be limited to watersheds less than 25 acres. The 100-year Return-Period precipitation data is from: http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=ca

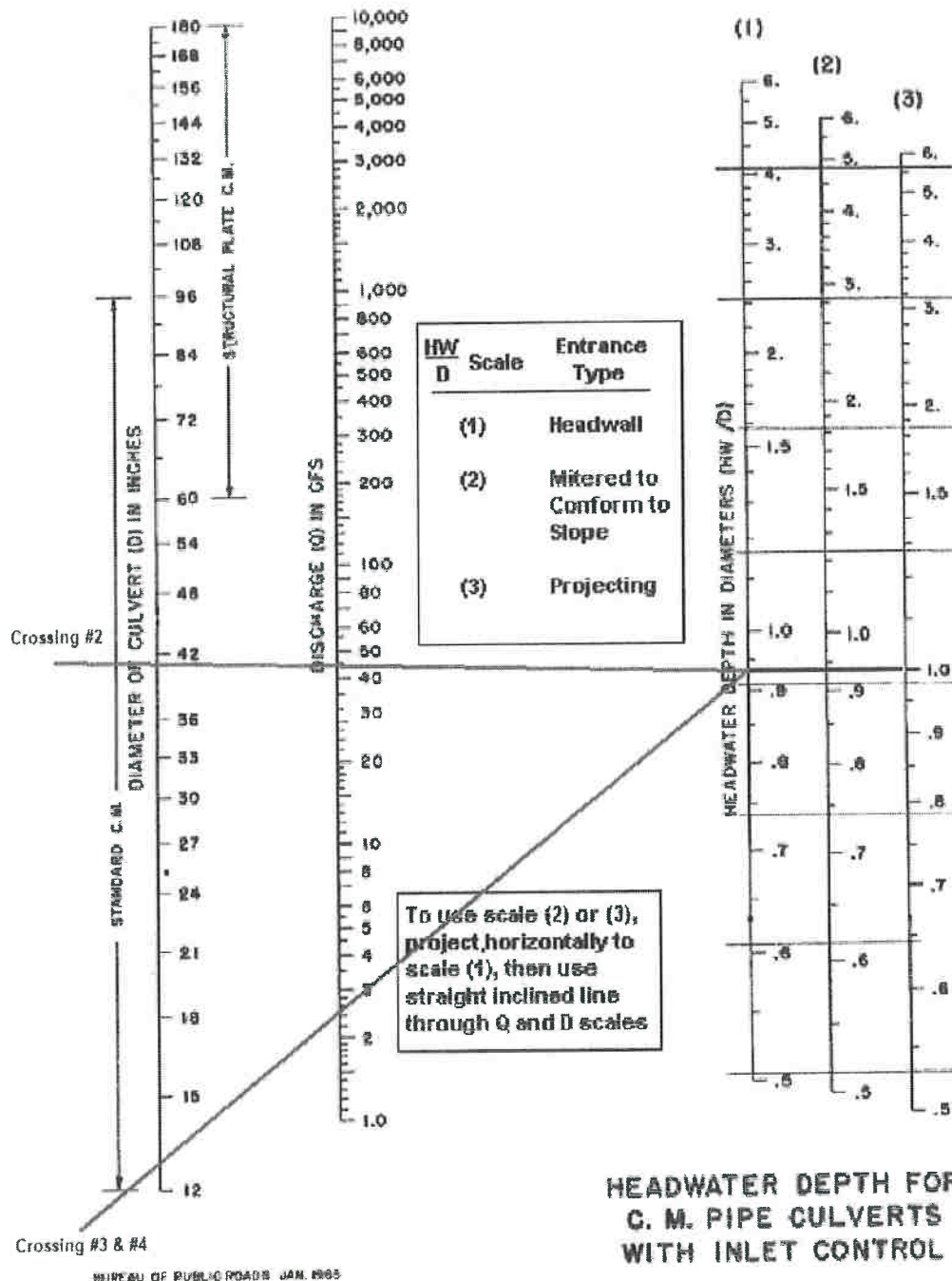
Rational Method for 100-year flood flow (A < 25 acres)								
$T_c = 60((11.9 \times L^3)/H)^{0.385}$					$Q_{100} = CIA$			
No.	Crossing	Channel length (to top of basin) (mi) L	Elevation difference (ft) H	Concentration time (min) T _c	Runoff coefficient C	100-year Return-Period Precipitation (in/hr) I*	Area (acres) A	100-yr flood flow (cfs) Q ₁₀₀
1	3				0.35	4.39	1.5	2.3
2	4				0.35	4.39	1.7	2.6

This notification also utilizes the Frequency and Magnitude Method for Crossings #2 to determine the 100-year flood flow recommended in *"Designing Watercourse Crossings for Passage of 100-year Flood Flows, Wood, and Sediment."* 2017 Peter Cafferata, Thomas Spittler, Michael Wopat, Donald Lindsay, William Short, Drew Coe, Greg Bundros, and Sam Flanagan. This report recommends that the Frequency and Magnitude Method be used from to watersheds greater than 25 acres. The 100-year Return-Period precipitation data is from: http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=ca

Magnitude and Frequency Method for 100-year flood flow > 25 ac								Q_{100} (cfs)
No.	Crossing	Area (acres) A	Basin maximum elevation (ft)*	Crossing elevation (ft)*	Area (mi ²) A	Avg. Annual Precipitation (in/yr) P	Elevation (ft/1000) H	North Coast ⁽¹⁾ (NC)
1	2	37	2065	1269	0.057	78.3	1.667	45.8

Addendum 11F – Hydrologic Study (Cont.)

Normann and others (1985) culvert sizing nomograph



This is the same culvert sizing nomograph (Figure 12) referenced in *Designing Watercourse Crossings for Passage of 100-year Flood Flows, Wood, and Sediment*. The nomograph is used by assuming inlet control and a headwater depth to pipe diameter ratio (HW/D) of 1.00.

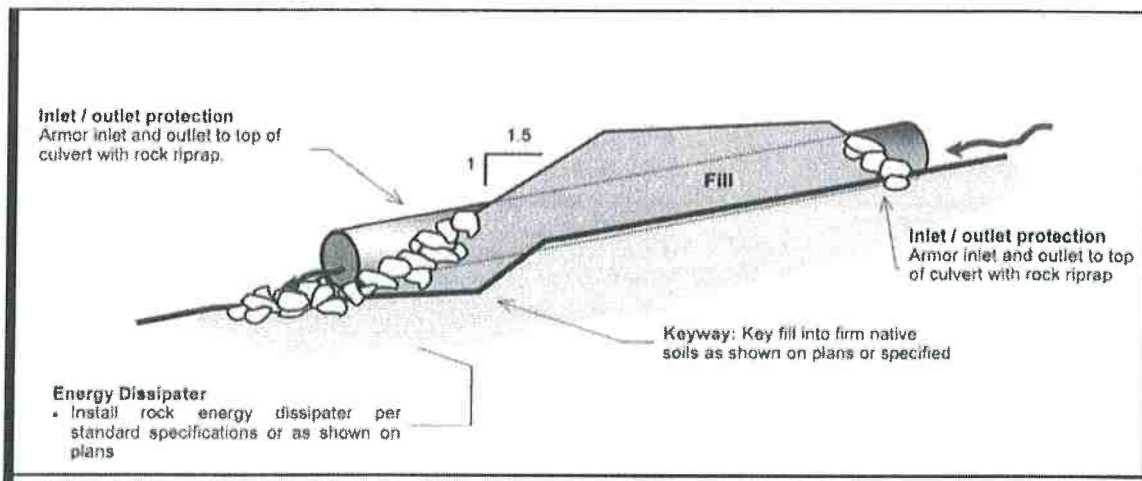
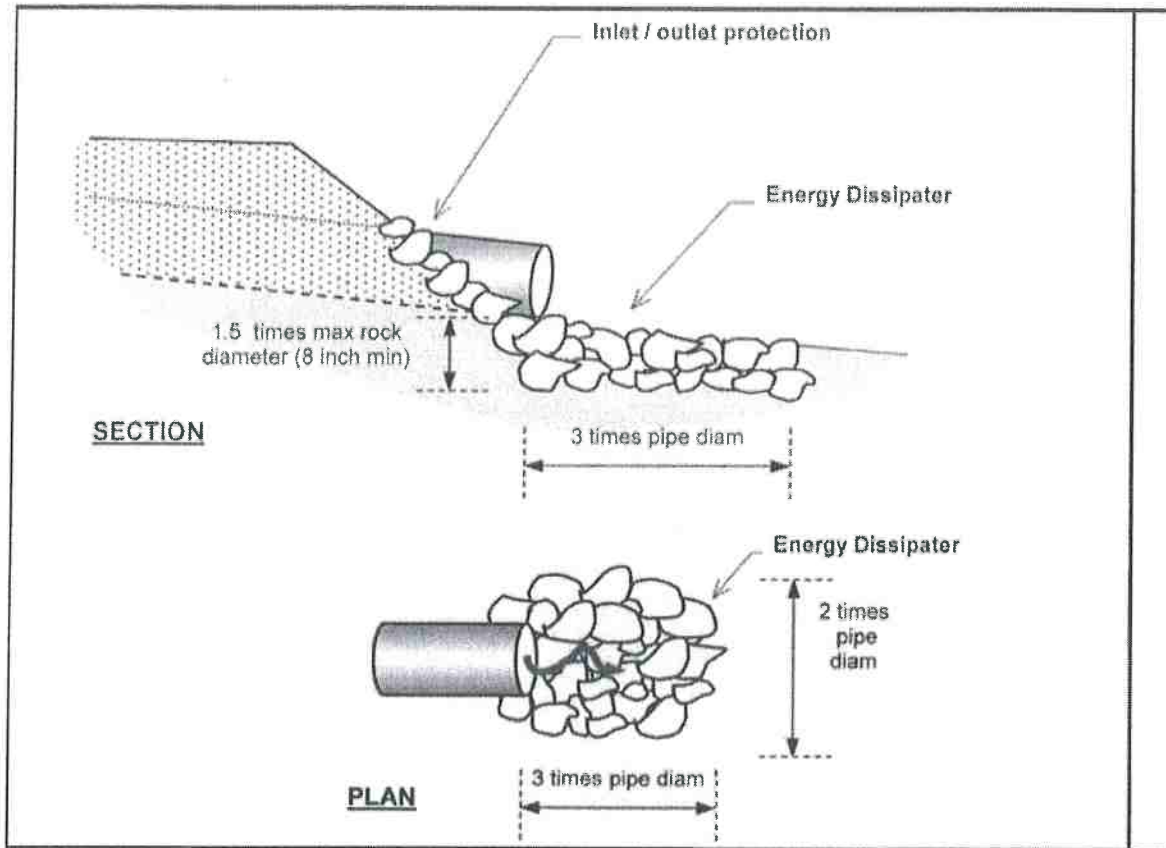
Addendum 12A – Erosion Control Measures

1. Timing for soil stabilization measures within the 100 feet of a watercourse or lake: For areas disturbed from May 1 through October 15, treatment shall be completed prior to the start of any rain that causes overland flow across or along the disturbed surface. For areas disturbed from October 16 through April 30, treatment shall be completed prior to any day for which a chance of rain of 30 percent or greater is forecast by the National Weather Service or within 10 days, whichever is earlier.
2. Within 100 feet of a watercourse or lake, the traveled surface of logging roads shall be treated to prevent waterborne transport of sediment and concentration of runoff that results from operations. Treatment may consist of, but not limited to, rocking, out-sloping, rolling dips, cross drains, water bars, slope stabilization measures, or other practices appropriate to site-specific conditions.
3. The treatment for other disturbed areas within 100 feet of a watercourse or lake, including: (A) areas exceeding 100 contiguous square feet where operations have exposed bare soil, (B) road cut banks and fills, and (C) any other area of disturbed soil that threatens to discharge sediment into waters in amounts deleterious to the quality and beneficial uses of water, shall be grass seeded and mulched with straw. Grass seed shall be applied at a rate exceeding 100 pounds per acre. Straw mulch shall be applied in amounts sufficient to provide at least 2- 4-inch depth of straw with minimum 90% coverage. Slash may be substituted for straw mulch provided the depth, texture, and ground contact are equivalent to at least 2 – 4 inches of straw mulch. Any treated area that has been subject to reuse or has less than 90% surface cover shall be treated again prior to the end of operations.
4. Within 100 feet of a watercourse or lake, where the undisturbed natural ground cover cannot effectively protect beneficial uses of water from sediment introduction, the ground shall be treated with slope stabilization measures described in #3 above per timing described in #1 above.
5. Sidecast or fill material extending more than 20 feet in slope distance from the outside edge of a roadbed, which has access to a watercourse or lake, shall be treated with slope stabilization measures described in #3 above. Timing shall occur per #1 above unless outside 100 feet of a watercourse or lake, in which completion date is October 15.
6. All roads shall have drainage and/or drainage collection and storage facilities installed as soon as practical following operations and prior to either (1) the start of any rain which causes overland flow across or along the disturbed surface within 100 feet of a watercourse or lake protection, or (2) any day with a National Weather Service forecast of a chance of rain of 30 percent or more, a flash flood warning, or a flash flood watch.

Culvert Installation Specifications

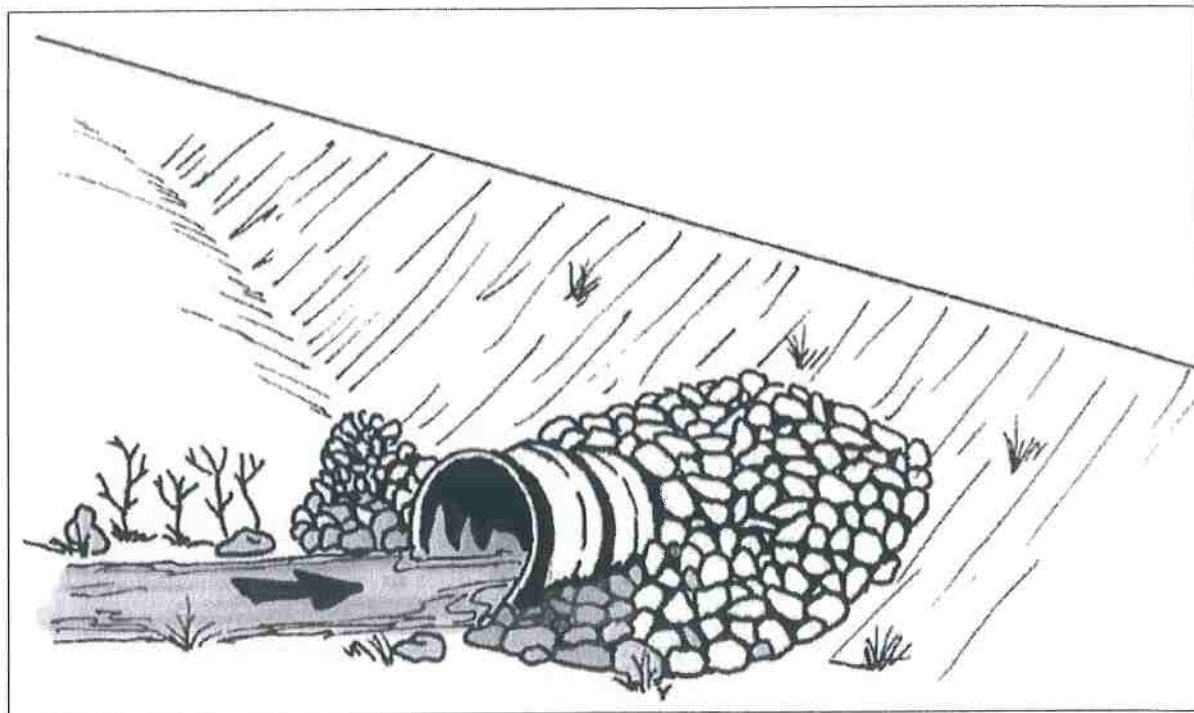
- New culvert installations shall be sized to accommodate a 100-year storm.
- New culverts shall be placed at stream gradient, or have downspouts, or have energy dissipaters at outfall.
 - Align culverts with the natural stream channel orientation to ensure proper function, prevent bank erosion and minimize debris plugging.
 - Place culverts at the base of the fill and at the grade of the original streambed or install a downspout past the base of the fill. Downspouts should only be installed if there are no other options.
 - Culverts should be set slightly below the original stream grade so that the water drops several inches as it enters the pipe.
 - Culvert beds should be composed of rock-free soil or gravel, evenly distributed under the length of the pipe.
 - Compact the base and sidewall material before placing the pipe in its bed.
 - Lay the pipe on a well-compacted base. Poor basal compaction will cause settling or deflection in the pipe and can result in separation at a coupling or rupture in the pipe wall.
 - Backfill material should be free of rocks, limbs or other debris that could dent or puncture the pipe or allow water to seep around the pipe.
 - Cover one end of the culvert pipe, then the other end. Once the ends are secure, cover the center.
 - Tamp and compact backfill material throughout the entire process, using water as necessary for compaction.
 - Backfill compacting will be done in 0.5 – 1.0 foot lifts until 1/3 of the diameter of the culvert has been covered.
 - Push layers of fill over the crossing to achieve the final design road grade, at a minimum of one-third to one-half the culvert diameter.
- Critical dips shall be installed on culvert crossings to eliminate diversion potential.
- Road approaches to crossings shall be treated out to the first drainage structure (i.e. waterbar) or hydrologic divide to prevent transport of sediment.
- Road surfaces and ditches shall be disconnected from streams and stream crossings to the greatest extent feasible. Ditches and road surfaces that cannot be feasible disconnected from streams or stream crossings shall be treated to reduce sediment transport to streams.
- If downspouts are used, they shall be secured to the culvert outlet and shall be secure on fill slopes.
- Culverts shall be long enough so that road fill does not extend or slough past the culvert ends.
- Inlet of culverts and associate fill shall be protected with appropriate measures that extend at least as high as the top of the culvert.
- Outlet of culverts shall be armored with rock if road fill sloughing into channel can occur.
- Armor inlets and outlets with rock, or mulch and seed with grass as needed (not all stream crossings need to be armored).
- Where debris loads could endanger the crossing a debris catchment structure shall be constructed upstream of the culvert inlet.
- Bank and channel armoring may occur when appropriate to provide channel and bank stabilization.
- Stabilize the site pursuant to Addendum 12A.

Culvert Installation Specifications

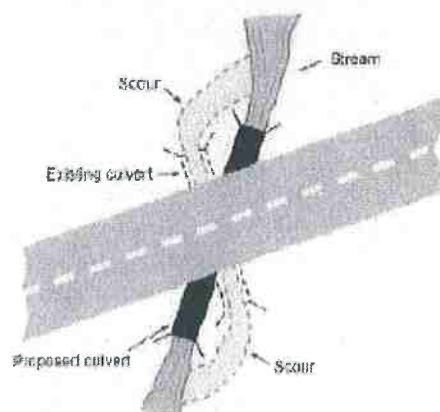


Riprap installed to protect the inlet and outlet of a stream crossing culvert from erosion or for energy dissipation should be keyed into the natural channel bed and banks to an approximate depth of about 1.5x the maximum rock thickness. Riprap should be placed at least up to the top of the culvert at both the inlet and outlet to protect them from splash erosion and to trap any sediment eroded from the newly constructed fill slope above.

Culvert Installation Specifications



Rock armor used for inlet and outlet protection (i.e., not as energy dissipation) does not have to be sized to protect against high velocity scour. If the culvert is properly sized and its length is adequate, it should be able to transmit flood flows without scouring the inlet or eroding the outlet around the culvert. Armor shown here is designed to protect the culvert outlet and basal fill from splash erosion and from occasional submergence and currents within standing water (at the inlet) when the culvert plugs. Importantly, inlet and outlet armor also serves to trap sediment that has been eroded or slides down the new constructed fill face in its first several years, until the slope becomes well vegetated.



HANDBOOK FOR FOREST, RANCH AND RURAL ROADS

FIGURE 97. Culvert alignment should be in relation to the stream and not the road. It is important that the stream enters and leaves the culvert in a relatively straight horizontal alignment so streamflow does not have to turn to enter the inlet or discharge into a bank as it exits. This figure shows a redesigned culvert installation that replaces the bending alignment that previously existed. Channel turns at the inlet increase plugging potential because wood going through the turn will not align with the inlet. Similarly, channel turns at the inlet and outlet are often accompanied by scour against the channel banks (Wisconsin Transportation Information Center, 2004).

Culvert Installation Specifications

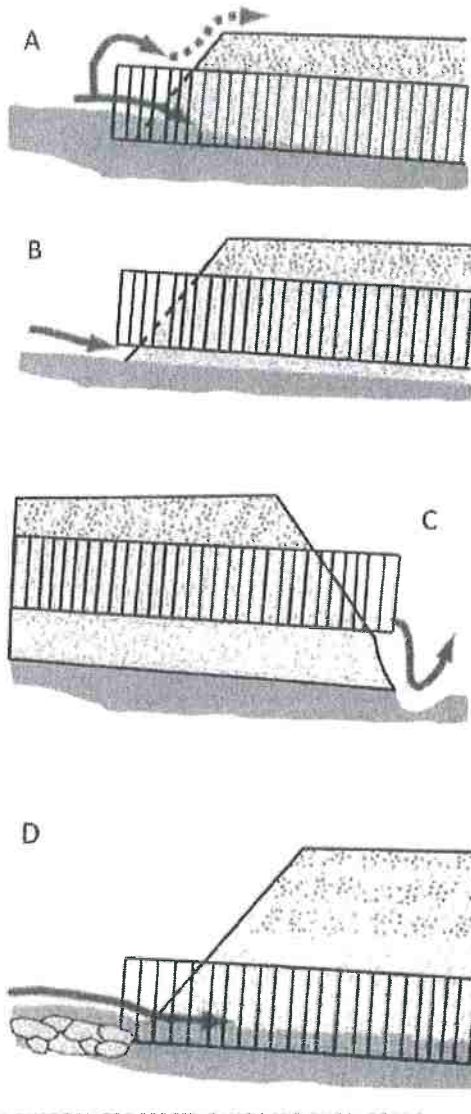
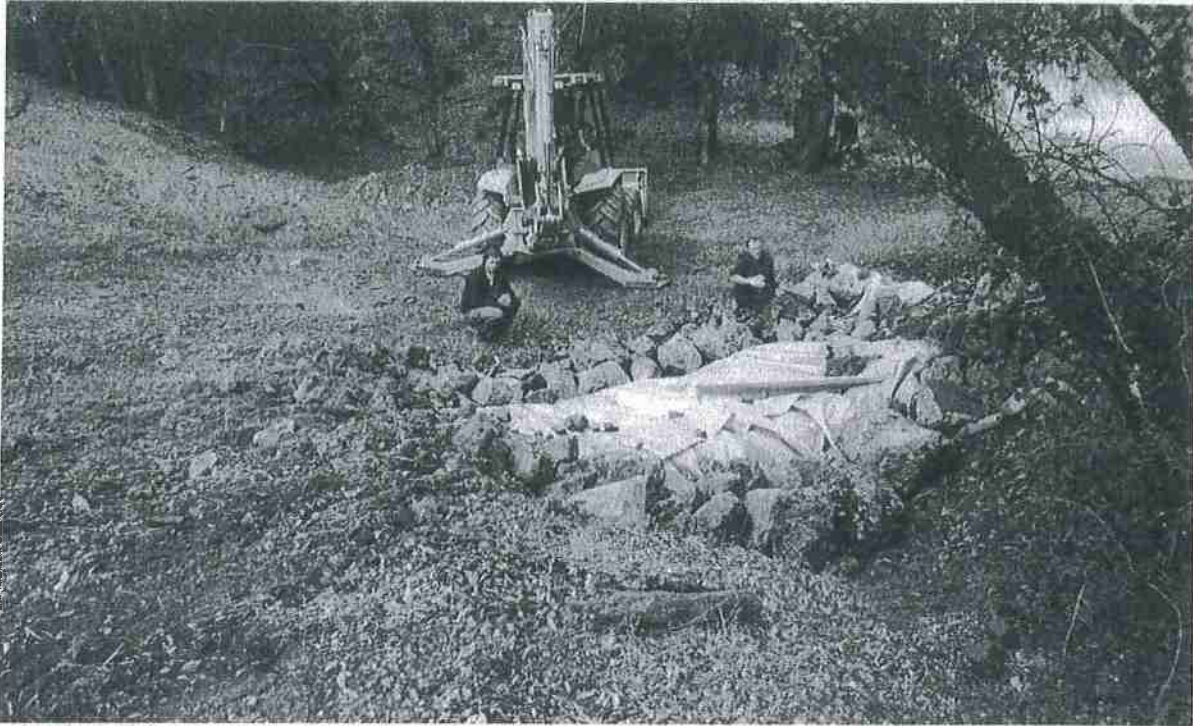


FIGURE 155. Proper culvert installation involves correct culvert orientation, setting the pipe slightly below the bed of the original stream, and backfilling and compacting the fill as it is placed over the culvert. Installing the inlet too low in the stream (A) can lead to culvert plugging, yet if set too high (B) flow can undercut the inlet. If the culvert is placed too high in the fill (C), flow at the outfall will erode the fill. Placed correctly (D), the culvert is set slightly below the original stream grade and protected with armor at the inlet and outlet. Culverts installed in fish-bearing stream channels must be inset into the streambed sufficiently (>25% embedded) to have a natural gravel bottom throughout the culvert (Modified from: MDSL, 1991).

Rock Ford Specifications

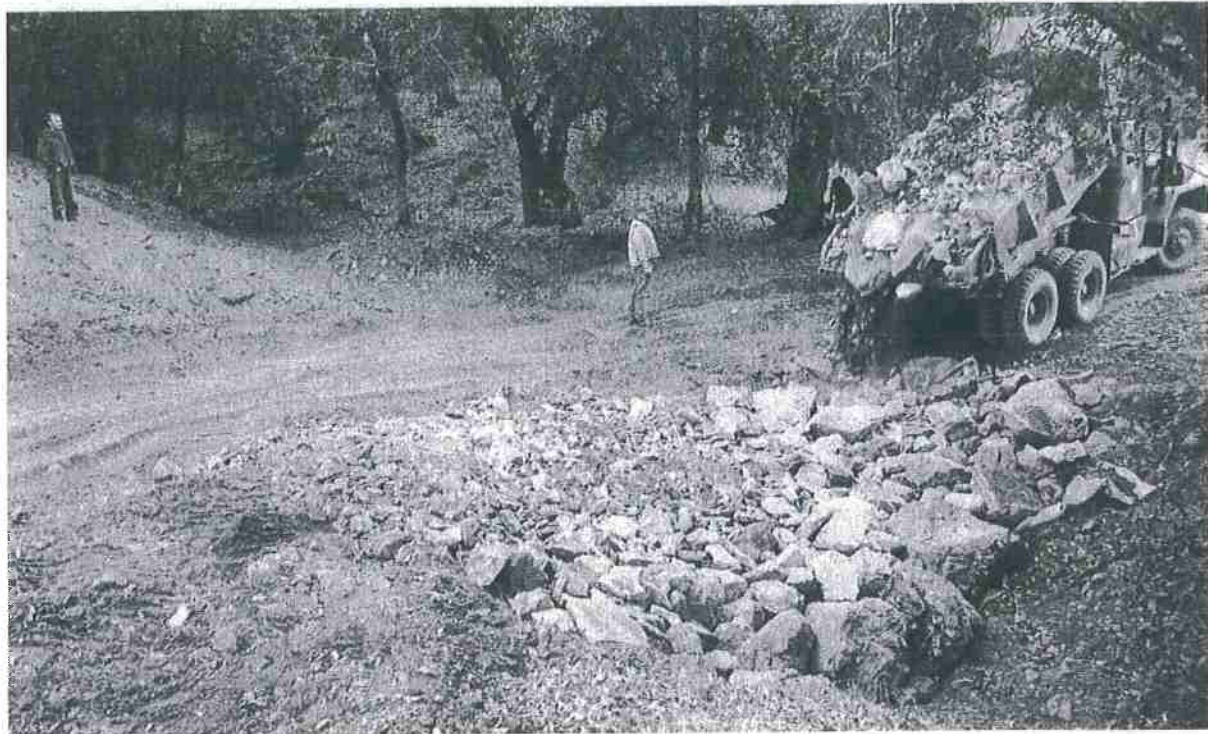
- Rocked fords are drainage structures designed to carry watercourses across roads.
- In channel constructed fords shall be of appropriate material that shall withstand erosion by expected velocities and placed in a U-shaped channel to create a drivable crossing.
 - The road shall dip into and out of the rocked ford to minimize diversion potential. Construct a broad rolling dip across the roadbed, centered at the crossing, which is large enough to contain the expected 100-yr flood discharge while preventing flood flow from diverting down the road or around the rock armor.
- The road surface at the ford shall be constructed with clean rock. The rock shall be applied to a minimum depth of 6 inches.
 - A range of interlocking rock armor sizes should be selected and sized so that peak flows will not pluck or transport the armor off the roadbed or the sloping fill face of the armored fill.
- The ford's outlet shall be rock armored to resist downcutting and erosion.
 - *Excavate the keyway and armored area* - Excavate a two to three foot deep "bed" into the dipped road surface and adjacent fillslope (to place the rock in) that extends from approximately the middle of the road, across the outer half of the road, and down the outboard road fill to where the base of the fill meets the natural channel. At the base of the fill, excavate a keyway trench extending across the channel bed.
 - *Armor the basal keyway* - Put aside the largest rock armoring to create the buttresses. Use the largest rock armor to fill the basal trench and create a buttress at the base of the fill. This should have a "U" shape to it and it will define the outlet where flow leaves the armored fill and enters the natural channel.
 - *Armor the fill* - Backfill the fill face with the remaining rock armor making sure the final armor is unsorted and well placed, the armor is two coarse-rock layers in thickness, and the armored area on the fill face also has a "U" shape that will accommodate the largest expected flow.
 - *Armor the top of the fill* - Install a second trenched buttress for large rock at the break-in-slope between the outboard road edge and the top of the fill face.
- If water is expected during the time of use, an adequate sized pipe shall be installed to handle the flow if present (min. 6 inch).
 - The pipe shall be laid over the rocked ford surface.
 - The inlet should be at grade with the upstream flow.
 - The outlet shall drain onto the outlet armoring of the rocked ford.
 - A layer of clean rock/gravel shall be installed over the pipe to establish the running surface of the truck road.
 - Following use, the temporary pipe shall be removed and the placed rock/gravel shall be graded out of the ford and used on the approaches.
 - No significant alteration to the bed and bank of the stream shall occur.
- Road approaches to rocked fords shall be rock surfaced out to the first drainage structure (i.e. waterbar) or hydrologic divide to prevent transport of sediment using rock.
- Bank and channel armoring may occur when appropriate to provide channel and bank stabilization.
- Road approach rock and rock ford armoring shall be reapplied following use as needed to maintain a permanent crossing.
- Stabilize the site pursuant to Addendum 12A

Rock Ford Specifications



Picture 1 of 4: An excavator or backhoe is used to dig a broad keyway across the base of the fill, where the fill intersects the natural channel, and another broad keyway at the top of the fill, where the top edge of the road surface is planned. The largest rock goes in the lower keyway, and coarse armor is also placed in the upper keyway across the full width of the design spillway where streamflow will flow over the fill and down the armored fill slope. Filter fabric, or a filter layer of small rock, is placed on the underlying soil to prevent erosion or winnowing of soil beneath the armor.

Rock Ford Specifications



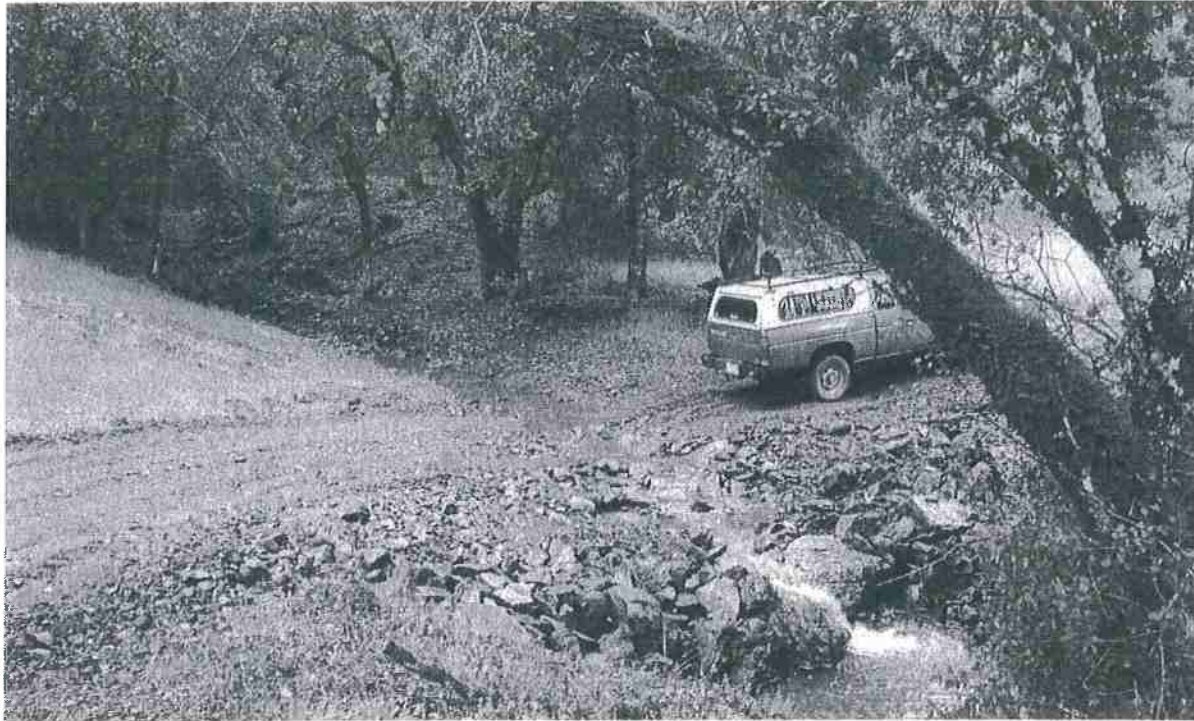
Picture 2 of 4: Well graded rock armor is then backfilled into the structure and spread across the breadth of the U-shaped stream crossing, and about one-third the way up the roadbed, so that streamflow will only flow over or come in contact with resistant armor material. The armor must be spread and compacted across the design width of the expected flood flow channel width so peak flows will not flank the armored structure.

Rock Ford Specifications



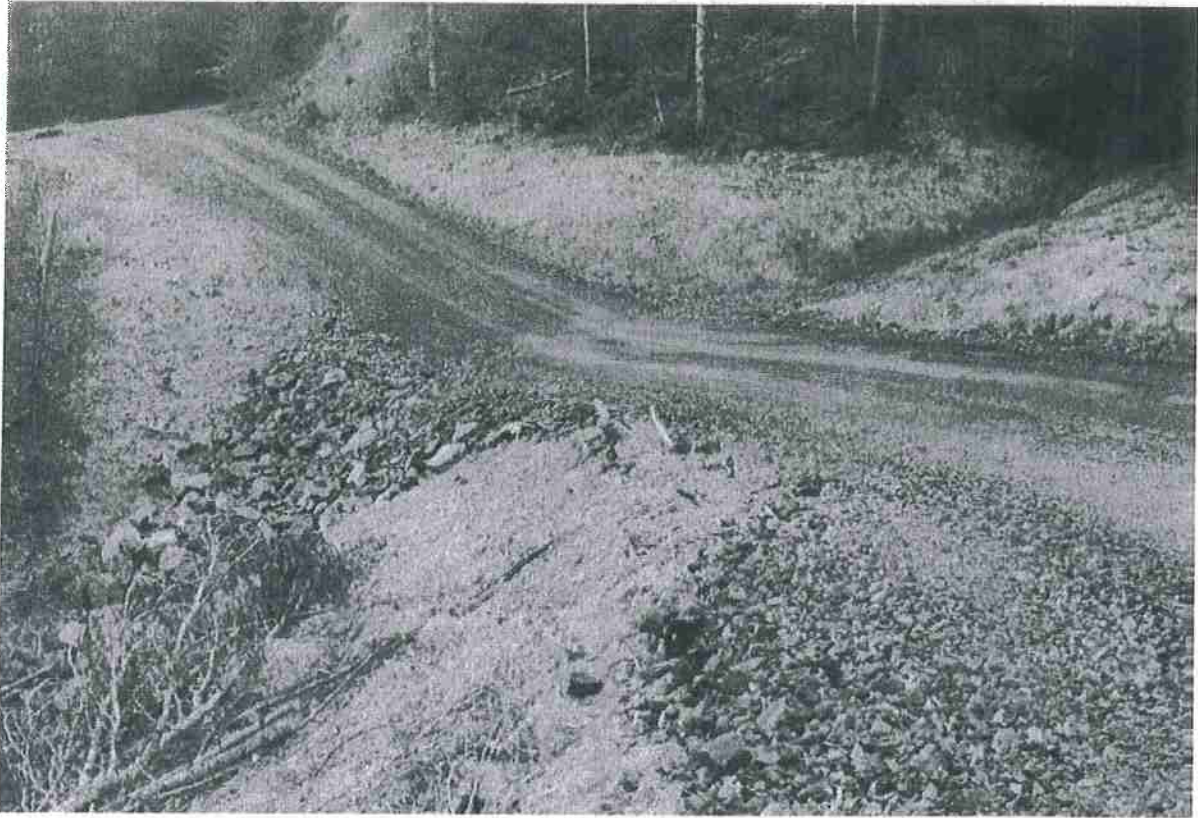
Picture 3 of 4: Two weeks after this armored fill was constructed, a storm flow event occurred and the structure maintained its function and integrity. The road approaches had not yet been compacted or surfaced with road rock

Rock Ford Specifications



Picture 4 of 4: The same armored fill as it appeared after the first winter flood flows. No maintenance was required to reopen the road. It is also clear that no stream diversion is possible at this stream crossing site, and the volume of fill within the crossing has been reduced to the minimum amount needed to maintain a relatively smooth driving surface on this low volume road

Rock Ford Specifications



Example of a well-constructed rock ford with armored fill

ATTACHMENTS



State of California – Department of Fish and Wildlife
NOTIFICATION OF LAKE OR STREAMBED ALTERATION
WATER DIVERSION/EXTRACTION/IMPOUNDMENT – ATTACHMENT C
DFW 2023C (REV. 10/01/16) Page 1

Applicant Name: Soren Jensen

Project Name: APN 216-012-007 & 216-013-011

ATTACHMENT C

Water Diversion/Extraction/Impoundment

Complete this attachment **if** the project is directly related to any diversion, obstruction, extraction, or impoundment of the natural flow of a river, stream, or lake. Provide the number assigned to the State Water Resources Control Board (SWRCB) application, permit, license, registration, statement of diversion, and use, or other authorization to divert, extract, or impound water, if applicable. If you have a current or expired Lake or Streambed Alteration Agreement (Agreement) for some activity related to your project, provide the Agreement number in your project description below and attach this form, with the information requested on one or more separate pages, to the notification form (DFW 2023).

I. Diversion or Obstruction

- A. Attach plans of any diversion or water storage structure or facility that will be constructed or if no structures or facilities will be constructed, photographs of the project site, including any existing facilities or structures.
- B. Please complete the water use table below. For diversion rate, use gallons per day (gpd) if rate is less than 0.025 cubic foot per second (cfs) (approximately 16,000 gpd).

SEASON OF DIVERSION		PURPOSE OF USE	DIVERSION RATE (cfs or gpm)	AMOUNT USED (acre feet)	
BEGINNING DATE (Mo. & Day)	ENDING DATE (Mo. & Day)			FROM STORAGE	BY DIVERSION
POD1: Jan1st	Dec 31st	Domestic	1-5 gpm		~0.44
POD1: Jan1st	Mar 31st	Agriculture	1-5 gpm	~0.225	
POD1: Nov1st	Dec 31st	Agriculture	1-5 gpm		
POD2: Jan1st	Mar 31st	Agriculture	1-5 gpm	~0.225	
POD2: Nov1st	Dec 31st	Agriculture	1-5 gpm		

- C. Attach a topographic map that is labeled to show the following:

1. Source of the water
2. Points of diversion
3. Areas of use
4. Storage areas

- D. Specify the maximum instantaneous rate of withdrawal (using proposed equipment) in cubic feet per second (cfs) or gallons per minute (gpm).

5- gpm



State of California – Department of Fish and Wildlife
NOTIFICATION OF LAKE OR STREAMBED ALTERATION
WATER DIVERSION/EXTRACTION/IMPOUNDMENT – ATTACHMENT C
DFW 2023C (REV. 10/01/16) Page 2

E. Check each box below that applies to the project water rights and attach supporting documents.

☒ Riparian. *Attach the most recent Statement of Water Diversion and Use filed with the SWRCB.*

☒ Diversion for immediate use.

☒ Diversion to storage (for less than 30 days).

☐ Appropriative.

☐ Pre-1914. *Attach the most recent Statement of Water Diversion and Use filed with SWRCB.*

☐ Post-1914. *Attach a copy of the applicant's water right application, permit, or license filed with or issued by SWRCB.*

☐ Small domestic, livestock stockpond, or small irrigation use registration. *Attach a copy of the applicant's registration of water use form filed with, or registration certificate issued by, SWRCB (See Water Code section 1228 et seq.).*

☒ Diversion for immediate use.

☐ Diversion to storage.

☐ Purchased or contracted water. *Attach a copy of the applicant's contract or letter from the applicant's water provider.*

☐ Other. *Describe below or attach separate page.*

F. Approximate lowest level of flow in the river, stream, or lake at the point of diversion during the proposed season of diversion in gpm or cfs:

G. *Other information.* After the Department reviews the project description, and based on the project's location and potential impacts to fish and wildlife resources, the Department will determine if additional information is needed before accepting the notification as complete. Such information could include more site-specific information to ensure that the terms and conditions in the Agreement issued to the applicant will be adequate to protect the fish and wildlife resources the diversion or obstruction could adversely affect. Site-specific information could include biological or hydrological studies or surveys based on the season of diversion, the location of the diversion relative to other diversions in the watershed, the method of diversion, and the quantity of water to be diverted, such as the following:



State of California – Department of Fish and Wildlife
NOTIFICATION OF LAKE OR STREAMBED ALTERATION
WATER DIVERSION/EXTRACTION/IMPOUNDMENT – ATTACHMENT C
DFW 2023C (REV. 10/01/16) Page 3

1. *Water Availability Analysis* to determine if the water can be diverted without causing substantial adverse effects on downstream fish and wildlife resources. Water availability analyses are based on a comparison of flows without any diversions (unimpaired flows) and flows available when all known diversions are "subtracted" (impaired flows).
2. *Instream Flow Study* to determine the minimum bypass flows needed and maximum rates of withdrawal possible to provide adequate depths and velocities to protect habitat for all life stages of aquatic resources. The study plan must be prepared by a qualified fisheries biologist and approved by the Department, will determine the effects of the proposed diversion on flow depth and velocity.
3. *Water Quality Study* to assess the effects of the proposed water diversion or impoundment on water temperature and water quality at and downstream from the point(s) of diversion.

II. Permanent or Temporary Reservoir

Please provide the information below *if* the project includes the construction of a reservoir, whether permanent or temporary, and/or the filling of an existing reservoir by diverting or obstructing the flow of a river, stream, or lake.

- A. Proposed use of the stored water:

- B. Construction plans for the reservoir and dam. (*Attach plans*)

- C. A complete description of the reservoir and dam, including the methods and materials that will be used to construct the reservoir and dam and the following dimensions certified by a licensed professional: the width, length, depth, and total surface area of the reservoir pool; the volume of water in acre-feet that will be stored in the reservoir; and the height and length of the dam.

- D. The amount of riparian land that will be inundated (i.e., upstream from the dam): _____

- E. Where vehicles will enter and exit the project site during construction and for maintenance purposes after construction. (*Attach map*)

- F. The maximum distance of the disturbance that will occur upstream and downstream during construction:

- G. The methods employed to ensure that the flow is maintained below the dam at all times when water is being diverted into the reservoir:



State of California – Department of Fish and Wildlife
NOTIFICATION OF LAKE OR STREAMBED ALTERATION
WATER DIVERSION/EXTRACTION/IMPOUNDMENT – ATTACHMENT C
DFW 2023C (REV. 10/01/16) Page 4

- H. Specify the time period when the area below the dam becomes dry, if at all.

--

- I. The methods employed to ensure that adult and juvenile fish will be able to pass over or around the dam:

--

- J. If a fish ladder is necessary to enable adult and juvenile fish to pass over or around the dam, provide construction plans and an operation plan for the fish ladder. *(Enclose, if applicable)*

- K. The methods employed to monitor and maintain water quality (including temperature) within the reservoir:

--

III. Temporary Reservoir

Please provide the information below **if** the project includes the construction of a temporary reservoir only within the stream zone.

- A. Date of dam installation: _____
- B. Date of dam removal: _____
- C. Amount of time it will take to construct the dam: _____
- D. Amount of time it will take to remove the dam: _____
- E. Methods to ensure that the reservoir pool will be drained in a manner that does not strand or otherwise harm fish:

--



State of California – Department of Fish and Wildlife
**NOTIFICATION OF LAKE OR STREAMBED ALTERATION
CANNABIS – ATTACHMENT E**
DFW 2023E (Rev. 01/03/19) Page 1

Applicant Name: Soren Jensen

Project Name: APN 216-012-007 & 216-013-011

ATTACHMENT E

Cannabis Cultivation

Complete this attachment *if* the project includes cannabis cultivation and you are seeking a standard Lake or Streambed Alteration Agreement or if activities include remediation of a marijuana (cannabis) cultivation site.

“Cultivation” means any activity involving the planting, growing, harvesting, drying, curing, grading, or trimming of cannabis (Business and Professions Code, section 26000 et seq.). *Please note that if you are seeking authorization under the General Agreement for Cannabis Cultivation you must notify online at the California Department of Fish and Wildlife (CDFW) website: <https://www.wildlife.ca.gov/Conservation/LSA>.*

Complete Sections I through V and VII for all Agreement types.

Complete Section VI *if* any aspect of the project includes remediation. “Remediation” means to perform work that reduces or eliminates the direct and indirect adverse impacts on fish and wildlife resources associated with past or existing cannabis activities subject to Fish and Game Code 1602.

Submit Attachment E with the Notification form (DFW 2023) and applicable fees.

I. LOCAL ORDINANCE OR PERMIT – Complete this section for all Agreement types.

Does the town, city, or county where cultivation will occur have a rule, ordinance, or other regulation or law that governs the cultivation of cannabis?

☐ Yes: Town/City

☒ Yes: County

☐ No

Are you required to have written authorization (permit) from the city/town and/or county to cultivate cannabis within the city/town and/or county?

☒ Yes.

Enclose written authorization and/or completed application(s).

☐ No

II. PROPERTY DIAGRAM – Complete this section for all Agreement types.

Enclose the cultivation Property Diagram that has been, or will be, submitted to the California Department of Food and Agriculture (CDFA) (California Code of Regulations, title 3, section 8105). For Property Diagram requirements, refer to <http://cannabis.cdfa.ca.gov/>, or CDFA's [Reference Guide for the Cultivation Plan](#).

Cultivation Property Diagram enclosed?

☐ Yes

Enclose the property diagram required by CDFA (Cal. Code Regs., tit. 3, § 8105).

☒ No

If “no” is checked, enclose a brief description explaining why the property diagram is not enclosed.



State of California – Department of Fish and Wildlife
NOTIFICATION OF LAKE OR STREAMBED ALTERATION
CANNABIS CULTIVATION – ATTACHMENT E
DFW 2023E (Rev. 01/03/19) Page 3

IV. WATER SUPPLY – Complete this section for all Agreement types. Add additional pages as necessary.

How will or how is water supplied to the cannabis cultivation site(s)?

- For geographic coordinates, provide the latitude and longitude coordinates for the water supply (if applicable). CDFW utilizes decimal degrees and WGS 84 datum. Access [Google Maps Help](#) if you need assistance in finding your coordinates.

Diversion, Obstruction, Extraction, or Impoundment of a River, Stream, or Lake

☒ Yes

☐ No

If yes is checked, you **must** also complete Attachment C.

Provide geographic coordinates for **each** diversion, obstruction, extraction, or impoundment:

Latitude: See Addendum 8M

Longitude: ###.####

Spring(s)

☐ Yes

☒ No

If yes is checked, you **must** also complete Attachment C.

Number of Springs _____

Provide geographic coordinates for **each** spring:

Latitude: ##.####

Longitude: ###.####

Private Well(s)

☐ Yes

☒ No

Provide geographic coordinates for **each** well:

Latitude: ##.####

Longitude: ###.####

If a private well is being utilized, provide a copy of the well log/well completion report filed with the Department of Water Resources (DWR) pursuant to Section 13751 of Water Code. If no well log is available, provide evidence from DWR indicating that DWR does not have a record of the well log. See DWR's Groundwater Management page for more information at: <https://water.ca.gov/Programs/Groundwater-Management/Wells>

Public Water System

☐ Yes

☒ No

Name of public water system: _____

If Yes, provide the most recent copy of water service bill or will-serve letter from the water service provider.

Water Hauling

☐ Yes

☒ No

Name of water hauler: _____

Other Source

Specify: _____



V. CALIFORNIA LICENSED PROFESSIONAL OR QUALIFIED ENVIRONMENTAL CONSULTANT/BIOLOGIST –

Complete this section for all Agreement types.

Have you consulted with or retained a California licensed professional or qualified environmental consultant/biologist to address your cannabis cultivation?		
<input checked="" type="checkbox"/> Yes (<i>Provide the information below</i>) <input type="checkbox"/> No		
Name of Company	Name of Professional or Consultant/Biologist	Business Telephone
Timberland Resource Consultants	Chris Carroll	707-725-1897

VI. REMEDIATION – Complete this section if *any* aspect of the project includes remediation.

Remediation reduces or eliminates direct and indirect adverse effects on fish and wildlife resources associated with a past or existing project or activity that supports or relates to cannabis cultivation, whether on or off a cultivation site. Remediation projects typically include modification, repair, removal, restoration, construction, or reconstruction activities. Examples of remediation projects include, but are not limited to: <ul style="list-style-type: none">• Repairing a stream crossing used to access a cultivation site;• Removing a staging area on a stream bank; and• Repairing a water diversion structure used to irrigate a cultivation site.	
A. Order or Notice. Are you required to perform remediation work described in this notification pursuant to a court or administrative agency notice or order?	
<input type="checkbox"/> Yes (<i>Enclose a copy of the order or notice</i>) <input checked="" type="checkbox"/> No	
Did you receive a notice of violation (NOV) from CDFW that relates to the remediation work described in this notification?	
<input type="checkbox"/> Yes (<i>Enclose a copy of the NOV</i>) <input checked="" type="checkbox"/> No	
B. Remediation Area. What is the amount of area requiring remediation?	
Remediation area in total:	<u>120</u> square feet
C. Remediation Plan. Has a plan to remediate the area been prepared?	
<input checked="" type="checkbox"/> Yes (<i>Enclose the plan</i>) <input type="checkbox"/> No	
Note: If "yes" is checked, submit the remediation plan with the Notification. If "no" is checked, your Notification may be incomplete and CDFW may request you have a California licensed professional or qualified environmental consultant/biologist amend the plan or submit a new plan for your Notification.	



VII. REMEDIATION FEES – Entity must pay the fee(s) at time of Notification.

The current fee schedule is available at <https://www.wildlife.ca.gov/Conservation/LSA> and specified in Section 699.5, subdivision (b) of the California Code of Regulations, title 14.

Remediation fees, if applicable, are specified in Section 699.5, subdivision (l) of the California Code of Regulations, title 14. The remediation fee is in addition to the notification fee and must be submitted by **separate** check or other method of payment.

You may pay by credit card at CDFW's Online License Sales and Services page at: <https://www.wildlife.ca.gov/Licensing>. Attach copy of sales receipt to the notification. A handling charge will be applied (Fish and G. Code, § 1055.1, subd. (d)) to the credit card transaction.

Remediation Fee Included (if applicable)?

☒ \$ 3,187.75 if the total remediation area identified in Section VI (B) above is less than or equal to 1,000 square feet

☐ \$5,313.00 if the total remediation area identified in Section VI (B) above is greater than 1,000 square feet

**State Water Resources Control Board
DIVISION OF WATER RIGHTS
INITIAL STATEMENT OF WATER DIVERSION AND USE**

A STATEMENT SHALL NOT ESTABLISH OR CONSTITUTE EVIDENCE OF A WATER RIGHT
READ THE ATTACHED INFORMATION AND INSTRUCTION SHEET BEFORE COMPLETING THIS FORM
FURTHER INFORMATION CAN BE FOUND IN WATER CODE, SECTIONS 5100-5107

Diverter Information			
Diverter Name(s) Soren Jensen			
Mailing Address 3 San Luis Place	City Santa Rosa	State CA	Zip 95409
Phone Number 707-836-6348	Email Address (if available) Galimeds024@gmail.com		

Person Filing Statement			
(If different from diverter information above)			
Person Filing Statement Name Timberland Resource Consultants			
Mailing Address 165 South Fortuna Blvd	City Fortuna	State CA	Zip 95540
Phone Number 707-725-1897	Email Address (if available) carroll@timberlandresource.com		

Land Owner Name			
Land Owner Name Kent Eubanks & Micheal Ramos & Soren Jensen			
Mailing Address 12503 Saratoga Creek Drive	City Saratoga	State CA	Zip 95070
Phone Number 510-549-6123	Email Address (if available) kenteubanks12@gmail.com		

Mail Receiver:	
(Select one only)	
<input type="radio"/> Diverter	<input checked="" type="radio"/> Person Filing Statement

Checklist for Submission of an Initial Statement of Water Diversion and Use	
<input type="checkbox"/>	Answer each question completely
<input type="checkbox"/>	Attach map referenced in Section 4 with outline of Place of Use. Include Point of Diversion location if not identified in Section 3
<input type="checkbox"/>	Sign and Date form

UPON COMPLETION OF THIS STATEMENT, ATTACH ALL SUPPORTING DOCUMENTATION AND MAPS AND MAIL TO:

State Water Resources Control Board
Division of Water Rights
PO Box 2000
Sacramento, CA 95812-2000

Or email to

DWR-statements@waterboards.ca.gov

Additional copies of this form, instructions on how to complete this form, and water right information can be obtained at
http://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/.

Revised June 2017

Initial Statement of Water Diversion and Use
Page 2 of 4

Section 1: Type of Claim

(Select all that apply to the type of claim(s) under which you are diverting water)

☒ Riparian ☐ Pre-1914 ☐ Court Decree* ☐ Pending Appropriative Application* ☐ Pueblo ☐ Other*: _____

*If you checked Court Decree, Pending Appropriative Application, or Other, list the Decree Number, Application ID Number or Status or provide an explanation

List any related existing water rights, if applicable (e.g. Appropriative Water Right ID: A012345)

Section 2: Water Course Description

Water Course Name at the Point of Diversion (POD)

POD 2

Water Course is tributary to

Unnamed Class II Watercourse

Section 3: Point of Diversion and Legal Land Description

Provide the location of the POD using one of the following methods (check one box and enter data if applicable)

☒ Latitude/Longitude Measurements: Latitude: 40.02468155° Longitude: -123.7099785°

☐ California Coordinate System (NAD1983) North: _____ East: _____ Zone: _____

☒ USGS Topographic Map with Point of Diversion labeled on map (if checked, map must identify Point of Diversion)

Assessor's Parcel Number (APN) where Point of Diversion is located (if APN has been assigned)

216-013-011

County

Humboldt

Provide Public Land Description to nearest 40 acres (if assigned)

NW ☐ ¼ of the SE ☐ ¼ of Section 15 Township 5S Range 4E B&M Humboldt

Section 4: Place of Use Description

(Check boxes indicating each map to be provided)

Identify the location of the place of use on a specific United States Geological Survey (USGS) Topographic Map, or County Assessor's parcel map or any other maps with identifiable landmarks. If assigned, provide the public land description to the nearest 40-acre subdivision and the assessor's parcel number.

☒ USGS Topographic Map ☐ County Assessor's Parcel Map ☐ Map with identifiable landmarks

Provide a general description of the area in which the water was used (e.g. Domestic water supply for house, and irrigated crops, campground, etc.)

Irrigation of Agriculture

Assessor's Parcel Number(s), where the water was used (if APNs have been assigned)

216-013-011 & 216-012-007

Section 5: Purpose of Use Description

(Select all that apply)

☒ Irrigation
Number of acres:

0.50

☐ Domestic
Maximum number of persons served:

☐ Stock watering
Number and type of stock:

☐ Other
Explain:

Initial Statement of Water Diversion and Use
Page 3 of 4

Section 6: Special Use

(If you have selected Yes to the question below, please fill out Special Use Attachment at the end of this form)

During the previous calendar year, were you using any water diverted under this statement for the cultivation of cannabis?

☐

Yes

☒

No

Section 7: Diversion Works Description

Name of Diversion Works, if you wish to name (e.g. Bob's Pump)

POD 2

Year in which diversion began, to the best of your knowledge. (Specify single year)

2017

Type of Diversion Facility.(Select one only)*

*A separate Initial Statement of Water Diversion and Use must be filed for EACH diversion

☒

Gravity

☐

Water Course Pump

☐

Well Pump

☐

Other:

Direct Diversion Information

Do you directly divert water?

(Direct refers to water taken and used immediately)

☒

Yes

☐

No

If Yes, identify Direct Diversion Works flow rate and Unit

Rate: 4.00

☐

Cubic Feet per Second

☒

Gallons per Minute

☐

Gallons per Day

Storage Diversion Information

Do you divert to storage?

(If no, skip to Section 8)

☐

Yes

☒

No

If Yes, identify type of Storage

☐

On-stream Storage (if on-stream, fill in Subsection A below)

☒

Off-stream Storage (if off-stream, fill in subsections A and B below)

(A) Capacity of Storage Tank(s) or Reservoir identified in Acre-Feet or Gallons

Quantity: 45,800.000

☒

Gallons

☐

Acre-Feet

(B) Maximum Diversion Rate of Storage Diversion Works

Rate: 4.00

☐

Cubic Feet per Second

☒

Gallons per Minute

☐

Gallons per Day

Section 8: Quantity of Water Diverted

(Provide the quantity of water diverted each month of the prior calendar year for all purposes)

Data being provided for calendar year: 2018

Measurement provided in:

☒

Gallons

☐

Acre-Feet

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
15,000.000	15,000.000	15,000.000	15,000.000	15,000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	75,000.000

Section 9: Maximum Rate of Diversion per month

(If data is available)

Data being provided for calendar year: 2018

Measurement provided in:

☐

Cubic Feet per Second

☒

Gallons per Minute

☐

Gallons per Day

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000

Section 10: Recent Water Use

Provide data of annual water use in recent years

Minimum: 75,000.000

☒

Gallons

☐

Acre-Feet

Maximum: 75,000.000

☒

Gallons

☐

Acre-Feet

Initial Statement of Water Diversion and Use
Page 4 of 4

Section 11: Water Conservation Efforts/Conjunctive Use

(Answer only fields applicable to your diversion)

Are you currently employing any methods of water conservation?

☒ Yes ☐ No

If Yes, describe any water conservation efforts in use:

Morning Watering, Greenhouse irrigation systems

Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree that unreasonably affects such water for other beneficial uses?

☐ Yes ☒ No

Are you using groundwater in lieu of surface water?

☐ Yes ☒ No

Section 12: Water Diversion Measurement

As a diverter, you may be required to measure your diversion rate and use of water. Details on your obligation to measure diversions are located at http://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/water_use.shtml or in the instructions at the end of this form on page 5 of 5.

I have reviewed the measurement requirements; I certify that I understand and will comply with the measurement regulations.

(Initial here to certify)

Based on the measurement regulations, check the appropriate box below:

☒ I am **required** to measure as of the date this form is submitted

☐ I am **not required** to measure as of the date this form is submitted

Additional information regarding measurement of diversions

- If you are required to measure your diversion, you will need to provide information about your measurement device, the accuracy of your device, method of installation and other questions on a supplemental statement of water diversion and use during the next calendar year. Samples of questions regarding measurement for supplemental statements are located at http://www.waterboards.ca.gov/waterrights/water_issues/programs/ewrims/docs/statement.pdf
- If you have or will be cultivating cannabis, measurement of your diversions and storage will be required in accordance with the Cannabis Cultivation Policy (Policy), which is currently under development. Updates on the Policy are located at http://www.waterboards.ca.gov/water_issues/programs/cannabis/cannabis_water_rights.shtml

Section 13: Signature

I declare that the information in this report is true to the best of my knowledge and belief.

THE STATE WATER RESOURCES CONTROL BOARD MAY RELY ON THE NAMES AND ADDRESSES ON THIS DOCUMENT FOR MAILING NOTICES REGARDING PROCEEDINGS BEFORE THE BOARD. (Wat. Code, §5106, subd. (b)(1).)

SUPPLEMENTAL STATEMENTS OF WATER DIVERSION AND USE SHALL BE FILED ANNUALLY, BEFORE JULY 1 OF EACH YEAR OR IF THERE IS A CHANGE IN THE NAME OF ADDRESS OF THE DIVERTER. (Wat. Code, §5104.)

THE MAKING OF A WILLFUL MISSTATEMENT ON A STATEMENT OF WATER DIVERSION AND USE IS A MISDEMEANOR PUNISHABLE BY A FINE NOT EXCEEDING \$1,000 OR BY IMPRISONMENT IN THE COUNTY JAIL FOR UP TO SIX MONTHS, OR BOTH. THE BOARD MAY IMPOSE CIVIL LIABILITY UPON A PERSON WHO KNOWINGLY MAKES A MATERIAL MISSTATEMENT ON THIS FORM (Wat. Code §5107.)

Signature: Chris Carroll Date: 2-10-19

Printed Name: Chris V. Carroll

(first name) (middle name) (last name)

State Water Resources Control Board DIVISION OF WATER RIGHTS

This attachment is for additional information related to the special use of diverted water for cannabis cultivation, and must be attached to the Statement of Water Diversion and Use form for the claimed right under which water was diverted.

Cannabis Cultivation Information															
(This section should only be filled out if Yes was selected in Section 6: Special Use regarding the prior year usage of diverted water for cannabis cultivation)															
Subsection 1: Special Use															
Provide the calendar year associated with reporting under this water right:										<div><div>2018</div></div>					
Provide the total amount of water used under this water right for cannabis cultivation during the calendar year										Quantity <div><div>75,000.00</div></div>		<div><div><input checked="" type="radio"/></div>Gallons</div>		<div><div><input type="radio"/></div>Acre-Feet</div>	
Subsection 2: Cultivation Size and Lighting Conditions															
Provide the APN(s) for all parcel(s) where cannabis is cultivated with water used under this right: <div>216-013-011 & 216-012-007</div>															
Provide the amount of cannabis cultivated under this water right during the calendar year by lighting condition type.															
	Indoor			Outdoor			Mixed Light								
Cultivated canopy size in square feet	<div>0</div>			<div>22,800</div>			<div>0</div>			Square Feet					
Total number of plants harvested during the calendar year	<div>0</div>			<div>1,250</div>			<div>0</div>			Plants harvested					
Number of Harvests	<div>0</div>			<div>1</div>			<div>0</div>			Harvests					
Subsection 3: Watering Method															
Check all irrigation methods that have been used to cultivate cannabis? (Check all that apply)															
<div><input type="checkbox"/> Hand water</div>				<div><input checked="" type="checkbox"/> Drip/micro-spray irrigation</div>				<div><input type="checkbox"/> Flood Irrigation</div>							
<div><input type="checkbox"/> Row Irrigation</div>				<div><input type="checkbox"/> Other: <div></div></div>											
Subsection 4: Commercial Use															
Is your cultivation of cannabis a commercial cannabis activity?												<div><div><input checked="" type="radio"/></div>Yes</div>		<div><div><input type="radio"/></div>No</div>	
<small>If you intend to apply for a license under California Department of Food and Agriculture's Medical Cannabis Cultivation Program, your response will help the State Water Board to efficiently coordinate with the California Department of Food and Agriculture to verify your water source as required under Business and Professions Code section 19332.2.</small>															
Subsection 5: Quantity of Water Diverted for the Purpose of Cannabis Cultivation															
Provide monthly diversion data specific to the cultivation of cannabis. If this is the same data as identified in the Initial Statement of Water Diversion and Use: Section 8: Quantity of Water Diverted, check this box <div><input checked="" type="checkbox"/></div> and leave the rest of this subsection blank.															
Data being provided for calendar year: <div>2018</div>										Measurement provided in: <div><div><input checked="" type="radio"/></div>Gallons</div>				<div><div><input type="radio"/></div>Acre-Feet</div>	
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total			
15,000.000	15,000.000	15,000.000	15,000.000	15,000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	75,000.000			

**APN 216-012-007
& 216-013-011
ISWDU POD Map**

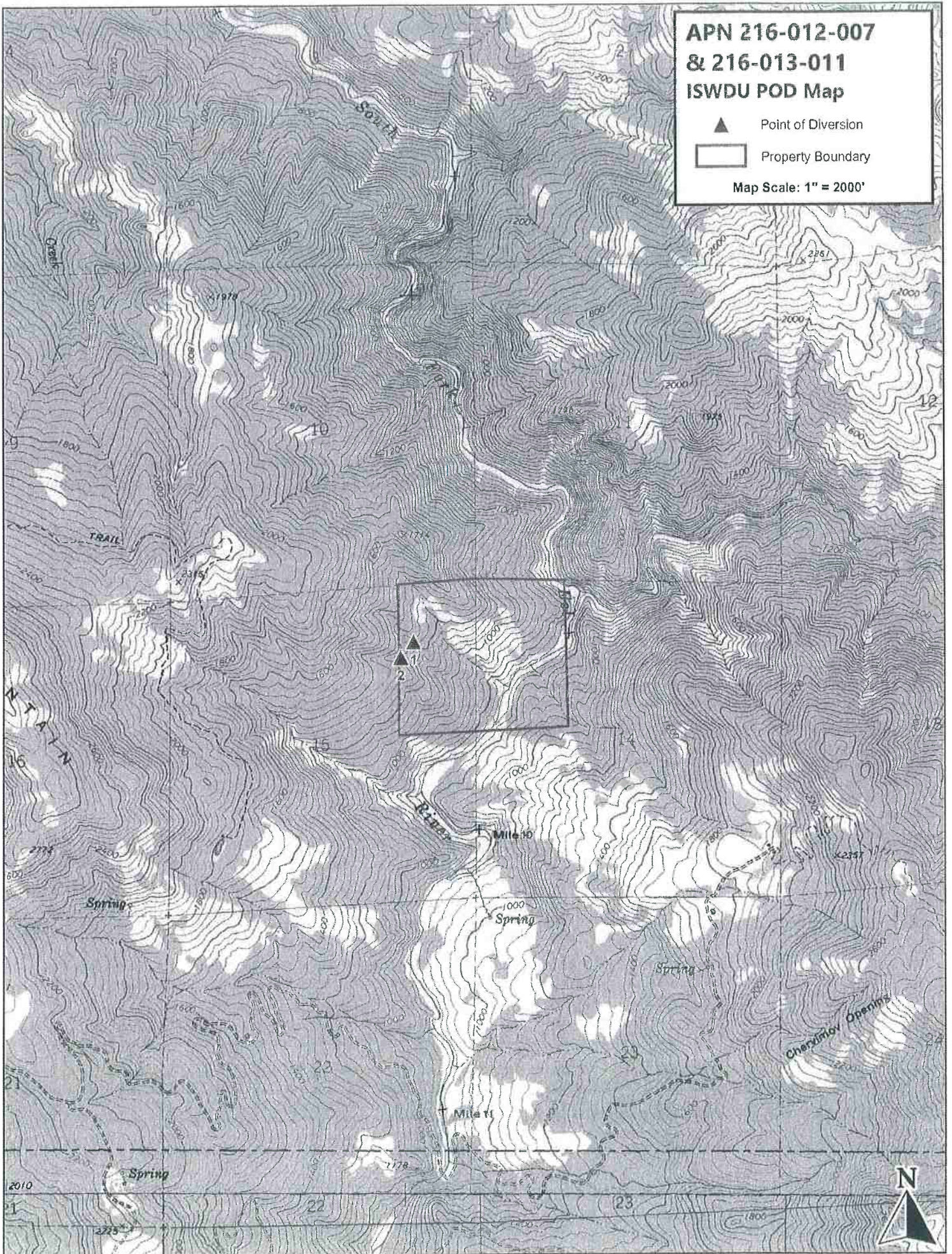


Point of Diversion



Property Boundary

Map Scale: 1" = 2000'



**State Water Resources Control Board
DIVISION OF WATER RIGHTS
INITIAL STATEMENT OF WATER DIVERSION AND USE**

A STATEMENT SHALL NOT ESTABLISH OR CONSTITUTE EVIDENCE OF A WATER RIGHT
READ THE ATTACHED INFORMATION AND INSTRUCTION SHEET BEFORE COMPLETING THIS FORM
FURTHER INFORMATION CAN BE FOUND IN WATER CODE, SECTIONS 5100-5107

Diverter Information			
Diverter Name(s) Soren Jensen			
Mailing Address 3 San Luis Place	City Santa Rosa	State CA	Zip 95409
Phone Number 707-836-6348	Email Address (if available) Calimeds024@gmail.com		

Person Filing Statement (If different from diverter information above)			
Person Filing Statement Name Timberland Resource Consultants			
Mailing Address 165 South Fortuna Blvd	City Fortuna	State CA	Zip 95540
Phone Number 707-725-1897	Email Address (if available) carroll@timberlandresource.com		

Land Owner Name			
Land Owner Name Kent Eubanks & Micheal Ramos & Soren Jensen			
Mailing Address 12503 Saratoga Creek Drive	City Saratoga	State CA	Zip 95070
Phone Number 510-549-6123	Email Address (if available) kenteubanks12@gmail.com		

Mail Receiver:	
(Select one only)	
<input type="radio"/> Diverter	<input checked="" type="radio"/> Person Filing Statement

Checklist for Submission of an Initial Statement of Water Diversion and Use	
<input type="checkbox"/>	Answer each question completely
<input type="checkbox"/>	Attach map referenced in Section 4 with outline of Place of Use. Include Point of Diversion location if not identified in Section 3
<input type="checkbox"/>	Sign and Date form

UPON COMPLETION OF THIS STATEMENT, ATTACH ALL SUPPORTING DOCUMENTATION AND MAPS AND MAIL TO:

State Water Resources Control Board
Division of Water Rights
PO Box 2000
Sacramento, CA 95812-2000

Or email to

DWR-statements@waterboards.ca.gov

Additional copies of this form, instructions on how to complete this form, and water right information can be obtained at
http://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/

Revised June 2017

Initial Statement of Water Diversion and Use
Page 2 of 4

Section 1: Type of Claim

(Select all that apply to the type of claim(s) under which you are diverting water)

☒ Riparian ☐ Pre-1914 ☐ Court Decree* ☐ Pending Appropriative Application* ☐ Pueblo ☐ Other*: _____

*If you checked Court Decree, Pending Appropriative Application, or Other, list the Decree Number, Application ID Number or Status or provide an explanation

List any related existing water rights, if applicable (e.g. Appropriative Water Right ID: A012345)

Section 2: Water Course Description

Water Course Name at the Point of Diversion (POD)

POD 1

Water Course is tributary to

Unnamed Class II Watercourse

Section 3: Point of Diversion and Legal Land Description

Provide the location of the POD using one of the following methods (check one box and enter data if applicable)

☒ Latitude/Longitude Measurements: Latitude: 40.02541736° Longitude: -123.7092201°

☐ California Coordinate System (NAD1983) North: _____ East: _____ Zone: _____

☒ USGS Topographic Map with Point of Diversion labeled on map (if checked, map must identify Point of Diversion)

Assessor's Parcel Number (APN) where Point of Diversion is located (if APN has been assigned)

216-013-011

County

Humboldt

Provide Public Land Description to nearest 40 acres (if assigned)

NW ¼ of the SE ¼ of Section 15 Township 5S Range 4E B&M Humboldt

Section 4: Place of Use Description

(Check boxes indicating each map to be provided)

Identify the location of the place of use on a specific United States Geological Survey (USGS) Topographic Map, or County Assessor's parcel map or any other maps with identifiable landmarks. If assigned, provide the public land description to the nearest 40-acre subdivision and the assessor's parcel number.

☒ USGS Topographic Map ☐ County Assessor's Parcel Map ☐ Map with identifiable landmarks

Provide a general description of the area in which the water was used (e.g. Domestic water supply for house, and irrigated crops, campground, etc.)

Domestic Water Supply & Irrigation of Agriculture

Assessor's Parcel Number(s), where the water was used (if APNs have been assigned)

216-013-011 & 216-012-007

Section 5: Purpose of Use Description

(Select all that apply)

☒ Irrigation
Number of acres:

0.50

☒ Domestic
Maximum number of persons served:

4

☐ Stock watering
Number and type of stock:

☐ Other
Explain:

Initial Statement of Water Diversion and Use

Page 3 of 4

Section 6: Special Use(If you have selected Yes to the question below, please fill out **Special Use Attachment** at the end of this form)

During the previous calendar year, were you using any water diverted under this statement for the cultivation of cannabis?

☐

Yes

☒

No

Section 7: Diversion Works Description

Name of Diversion Works, if you wish to name (e.g. Bob's Pump)

Year in which diversion began, to the best of your knowledge. (Specify single year)

POD 1

2017

Type of Diversion Facility. (Select one only)*

*A separate Initial Statement of Water Diversion and Use must be filed for EACH diversion

☒

Gravity

☐

Water Course Pump

☐

Well Pump

☐

Other:

Direct Diversion Information

Do you directly divert water?

(Direct refers to water taken and used immediately)

If Yes, identify Direct Diversion Works flow rate and Unit

☐

Yes

☒

No

Rate:

☐

Cubic Feet per Second

☒

Gallons per Minute

☐

Gallons per Day

Storage Diversion Information

Do you divert to storage?

(If no, skip to Section 8)

If Yes, identify type of Storage

☒

Yes

☐

No

☐ On-stream Storage (If on-stream, fill in Subsection A below)☒ Off-stream Storage (If off-stream, fill in subsections A and B below)

(A) Capacity of Storage Tank(s) or Reservoir identified in Acre-Feet or Gallons

Quantity: 45,800.000

☒

Gallons

☐

Acre-Feet

(B) Maximum Diversion Rate of Storage Diversion Works

Rate: 4.00

☐

Cubic Feet per Second

☒

Gallons per Minute

☐

Gallons per Day

Section 8: Quantity of Water Diverted

(Provide the quantity of water diverted each month of the prior calendar year for all purposes)

Data being provided for calendar year: 2018

Measurement provided in:

☒

Gallons

☐

Acre-Feet

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
27,000.000	27,000.000	27,000.000	27,000.000	27,000.000	12,000.000	12,000.000	12,000.000	12,000.000	12,000.000	12,000.000	12,000.000	219,000.000

Section 9: Maximum Rate of Diversion per month

(If data is available)

Data being provided for calendar year: 2018

Measurement provided in:

☐

Cubic Feet per Second

☒

Gallons per Minute

☐

Gallons per Day

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000

Section 10: Recent Water Use

Provide data of annual water use in recent years

Minimum:

75,000.000

☒

Gallons

☐

Acre-Feet

Maximum:

219,000.000

☒

Gallons

☐

Acre-Feet

Initial Statement of Water Diversion and Use
Page 4 of 4

Section 11: Water Conservation Efforts/Conjunctive Use

(Answer only fields applicable to your diversion)

Are you currently employing any methods of water conservation?

☒ Yes ☐ No

If Yes, describe any water conservation efforts in use:

Morning Watering, Greenhouse irrigation systems

Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree that unreasonably affects such water for other beneficial uses?

☐ Yes ☒ No

Are you using groundwater in lieu of surface water?

☐ Yes ☒ No

Section 12: Water Diversion Measurement

As a diverter, you may be required to measure your diversion rate and use of water. Details on your obligation to measure diversions are located at http://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/water_use.shtml or in the instructions at the end of this form on page 5 of 5.

I have reviewed the measurement requirements; I certify that I understand and will comply with the measurement regulations.

(Initial here to certify)

Based on the measurement regulations, check the appropriate box below:

☒ I am **required** to measure as of the date this form is submitted

☐ I am **not required** to measure as of the date this form is submitted

Additional information regarding measurement of diversions

- If you are required to measure your diversion, you will need to provide information about your measurement device, the accuracy of your device, method of installation and other questions on a supplemental statement of water diversion and use during the next calendar year. Samples of questions regarding measurement for supplemental statements are located at http://www.waterboards.ca.gov/waterrights/water_issues/programs/ewrims/docs/statement.pdf
- If you have or will be cultivating cannabis, measurement of your diversions and storage will be required in accordance with the Cannabis Cultivation Policy (Policy), which is currently under development. Updates on the Policy are located at http://www.waterboards.ca.gov/water_issues/programs/cannabis/cannabis_water_rights.shtml

Section 13: Signature

I declare that the information in this report is true to the best of my knowledge and belief.

THE STATE WATER RESOURCES CONTROL BOARD MAY RELY ON THE NAMES AND ADDRESSES ON THIS DOCUMENT FOR MAILING NOTICES REGARDING PROCEEDINGS BEFORE THE BOARD. (Wat. Code, §5106, subd. (b)(1).)

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THE MAKING OF A WILLFUL MISSTATEMENT ON A STATEMENT OF WATER DIVERSION AND USE IS A MISDEMEANOR PUNISHABLE BY A FINE NOT EXCEEDING \$1,000 OR BY IMPRISONMENT IN THE COUNTY JAIL FOR UP TO SIX MONTHS, OR BOTH. THE BOARD MAY IMPOSE CIVIL LIABILITY UPON A PERSON WHO KNOWINGLY MAKES A MATERIAL MISSTATEMENT ON THIS FORM (Wat. Code §5107.)

Signature:

Chris Carroll

Date:

2-10-19

Printed Name:

Chris

V.

Carroll

(first name)

(middle name)

(last name)

State Water Resources Control Board DIVISION OF WATER RIGHTS

This attachment is for additional information related to the special use of diverted water for cannabis cultivation, and must be attached to the Statement of Water Diversion and Use form for the claimed right under which water was diverted.

[illegible]

**APN 216-012-007
& 216-013-011
ISWDU POD Map**

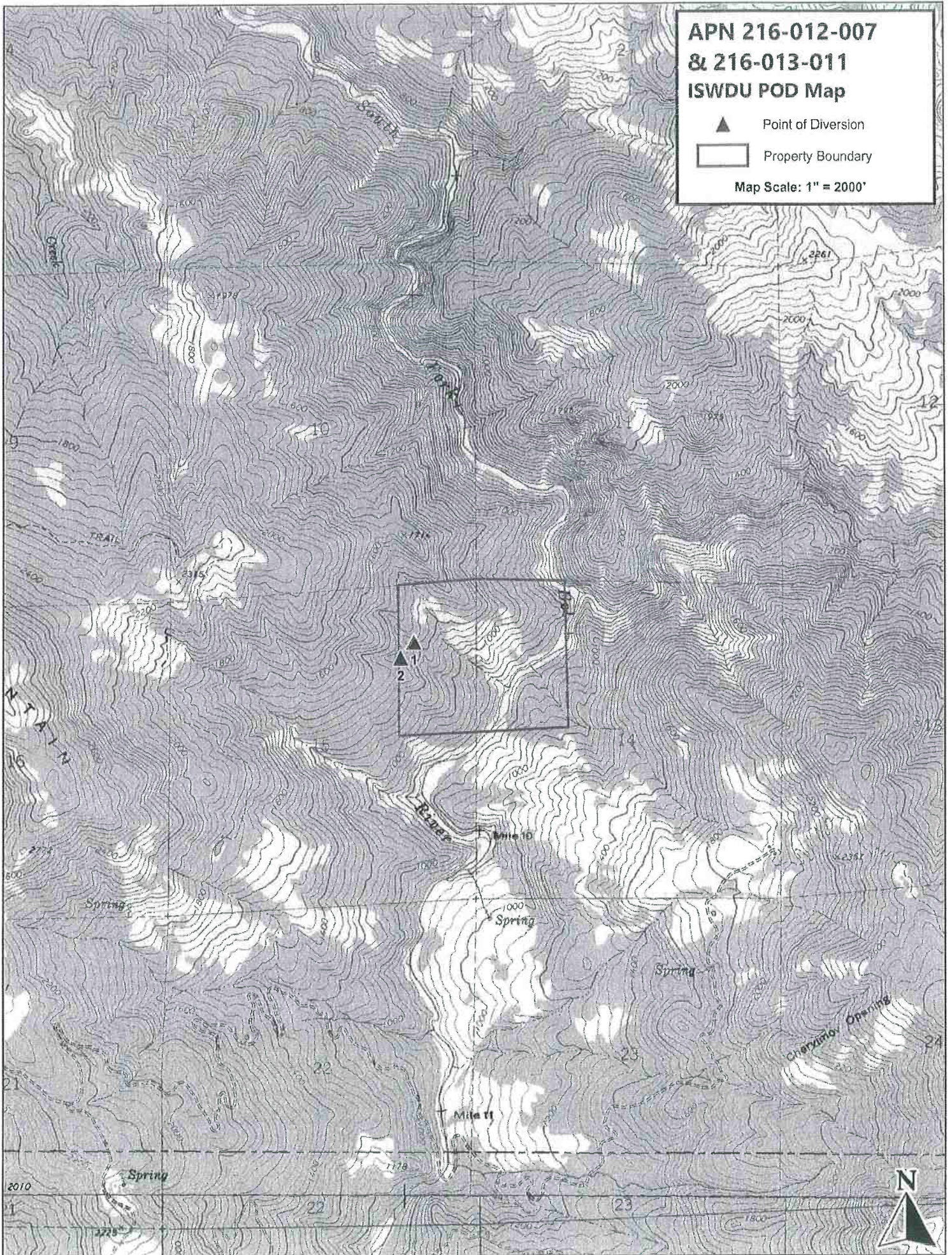


Point of Diversion



Property Boundary

Map Scale: 1" = 2000'





TIMBERLAND RESOURCE CONSULTANTS

165 S. FORTUNA BLVD., SUITE 4
FORTUNA, CA 95540
PH. 707-725-1897

COAST CENTRAL CREDIT UNION
90-7224/3211

13480

2/22/2019

PAY TO THE
ORDER OF

California Dept. of Fish & Wildlife

\$ **1,788.00

One Thousand Seven Hundred Eighty-Eight and 00/100*****

DOLLARS

California Dept. of Fish & Wildlife
619 Second Street
Eureka, CA 95501

MEMO

K. M. Kepon
AUTHORIZED SIGNATURE

⑈013480⑈ ⑈321172248⑈

125400915753⑈

Photo Safe Deposit
Details on Back

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California Dept. of Fish & Wildlife

2/22/2019

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Coast Central Checkin

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13481

2/22/2019

PAY TO THE
ORDER OF

California Dept. of Fish & Wildlife

\$ **3,187.75

Three Thousand One Hundred Eighty-Seven and 75/100*****

DOLLARS

California Dept. of Fish & Wildlife
619 Second Street
Eureka, CA 95501

MEMO

Laura Kepen

AUTHORIZED SIGNATURE

⑈013481⑈ ⑈321172248⑈

⑈25400915753⑈

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Coast Central Checkin

3,187.75

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California Dept. of Fish & Wildlife

2/22/2019

APN 216-012-007 & 216-013-011 CDFW 1600 Remediation Fee

3,187.75

Coast Central Checkin

3,187.75