State of California – Department of Fish and Wildlife
NOTIFICATION OF LAKE OR STREAMBED ALTERATION
FISH AND GAME CODE SECTION 1602
DFW 2023 (REV. 01/01/19) Page 1

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	Kevin Bourque
Business/Agency	One Drop Cultivators LLC
Mailing Address	PO Box 610
City, State, Zip	Fortuna, CA, 95540
Phone Number	707-267-4297
Email	onedropcultivators@gmail.com

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

Name	Michelle Robinson
Business/Agency	Pacific Watershed Assoicates
Mailing Address	PO BOX 4433
City, State, Zip	Arcata, CA 95518
Phone Number	707-839-5130
Email	micheller@pacificwatershed.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	
Mailing Address	
City, State, Zip	
Phone Number	
Email	

4. PROJECT NAME AND AGREEMENT TERM

A. Project Name	Borque (006) Lake or Streambed Alteration Agreement			
B. Agreement Term Requested	☑ Regular (*5 years or less*) ☐ Long-term (*greater than 5 years*)			
C. Project Term	Beginning (*year*)	2020	Ending (*year*)	2021

D. Seasonal Work Period

Season(s)*	Start Date (*month/day*)	End Date (*month/day*)	E. Number of Work Days
1	June 15	October 15	10
2	June 15	October 15	10
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 specified attachment.

A.	☑ Standard *(Most construction projects, excluding the categories listed below)*
B.	☐ Gravel/Sand/Rock Extraction (*Attachment A*) *Mine I.D. Number:* _____
C.	☐ Timber Harvesting (*Attachment B*) *THP Number:* _____
D.	☐ Water Diversion/Extraction/Impoundment (*Attachment C*) *SWRCB Number:* _____
E.	☐ Routine Maintenance (*Attachment D*)
F.	☑ Cannabis Cultivation (*Attachment E*)
G.	☐ CDFW Grant Programs *Agreement Number:* _____
H.	☐ Master
I.	☐ 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	Spring Crossing	$1,500	$596.00
2	Stream Crossing	$0.00	$596.00
3			
4			
5			
6			
7			
8			
9			
10			
		D. Base Fee *(if applicable)*	
		E. TOTAL FEE*	$1,192.00

** 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.)

See Attached.

☑ *Continued on additional page(s)*

B. River, stream, or lake affected by the project.	Unnamed Tributaries
C. What water body is the river, stream, or lake tributary to?	Coon Creek
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
Miranda	T3S	R3E	22	SE

☐ *Continued on additional page(s)*

K. Meridian (check one) ☑ Humboldt ☐ Mt. Diablo ☐ San Bernardino

L. Assessor's Parcel Number(s)

214-234-006	

☐ *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:* 40.188058°	*Longitude:* -123.825393°
	Latitude: 40.185744°	*Longitude:* -123.824153°
	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	☐	☐	☐
Bank stabilization – rip-rap/retaining wall/gabion	☐	☐	☐
Boat dock/pier	☐	☐	☐
Boat ramp	☐	☐	☐
Bridge	☐	☐	☐
Channel clearing/vegetation management	☐	☐	☐
Culvert	☐	☐	☑
Debris basin	☐	☐	☐
Dam	☐	☐	☐
Filling of wetland, river, stream, or lake	☐	☐	☐
Geotechnical survey	☐	☐	☐
Habitat enhancement – revegetation/mitigation	☐	☐	☐
Levee	☐	☐	☐
Low water crossing	☐	☐	☐
Road/trail	☐	☐	☐
Sediment removal: pond, stream, or marina	☐	☐	☐
flood control	☐	☐	☐
Storm drain outfall structure	☐	☐	☐
Temporary stream crossing	☐	☐	☐
Utility crossing: horizontal directional drilling	☐	☐	☐
jack/bore	☐	☐	☐
open trench	☐	☐	☐
Water diversion without facility	☐	☐	☐
Water diversion with facility	☐	☐	☐
Other *(specify)*: Armored Fill Spring Crossing	☑	☐	☐

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 attached.

☑ *Continued on additional page(s)*

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

Backhoe, bulldozer and 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 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 attached.

☑ *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
Huckleberry, sword fern, blackberry, invasive grasses	Linear feet: 14 ft Total area: 105 ft2	Linear feet: _____ Total area: _____
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____

Tree Species	Number of Trees to be Removed	Trunk Diameter (range)
Tan oak	1	< 3"

☐ *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

☑ *Continued on additional page(s)*

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

California Natural Diversity Database

☐ *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, WILDIFE, 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.

See attached.

☑ *Continued on additional page(s)*

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

See attached.

☑ *Continued on additional page(s)*

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

See attached.

☑ *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.	Regional Water Quality Control Board Waiver of Waste Discharge Order Number R1-2015-0023 WDID 1B16418CHUM	☑ Applied	☐ Issued
B.	Humboldt County CMMLUO - Application numbers #10841	☐ Applied	☑ Issued
C.	California Department of Food and Agriculture Temporary Cannabis Cultivation License # TAL18-0007331	☐ 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? ☐ Yes (*Complete boxes B, C, D, E, and F*) ☑ No (*Skip to box 14.G*)

B. CEQA Lead Agency			
C. Contact Person		D. Phone Number	

E. Has a draft or final document been prepared for the project pursuant to CEQA and/or NEPA?

☐ Yes (*Check the box below for each CEQA or NEPA document that has been prepared and enclose a copy of each.*)

☐ No (*Check the box below for each CEQA or NEPA document listed below that will be or is being prepared.*)

☐ Notice of Exemption	☐ Mitigated Negative Declaration	☐ NEPA document (*type*):
☐ Initial Study	☐ Environmental Impact Report	
☐ Negative Declaration	☐ Notice of Determination (*Enclose*)	
☐ THP/ NTMP	☐ Mitigation, Monitoring, & Reporting Plan	

F. State Clearinghouse Number (*if applicable*)

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 attached.

☑ *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.

The project is confined to existing in-use roads and is exempt from CEQA. However in the event that CEQA is required, Humboldt County will be the lead agency for all landowners pursuing permits under the Humboldt County CMMLUO.

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*) Michelle Robinson at (*insert phone number or email address*) 707-839-5130, micheller@pacificwatershed.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.

Signature of Applicant or Applicant's Authorized Representative

6/26/20

Date

KEVIN BOURQUE

Print Name

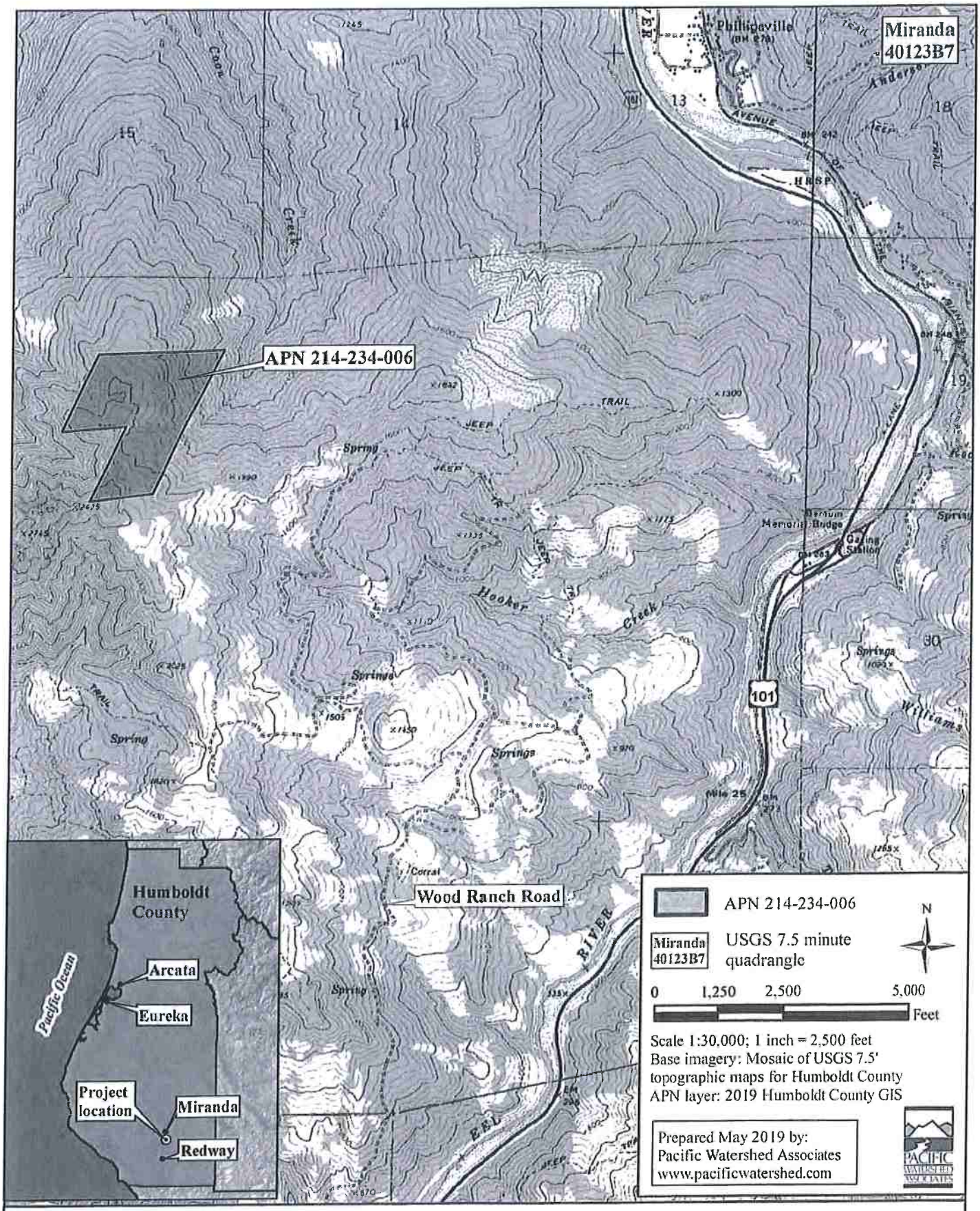
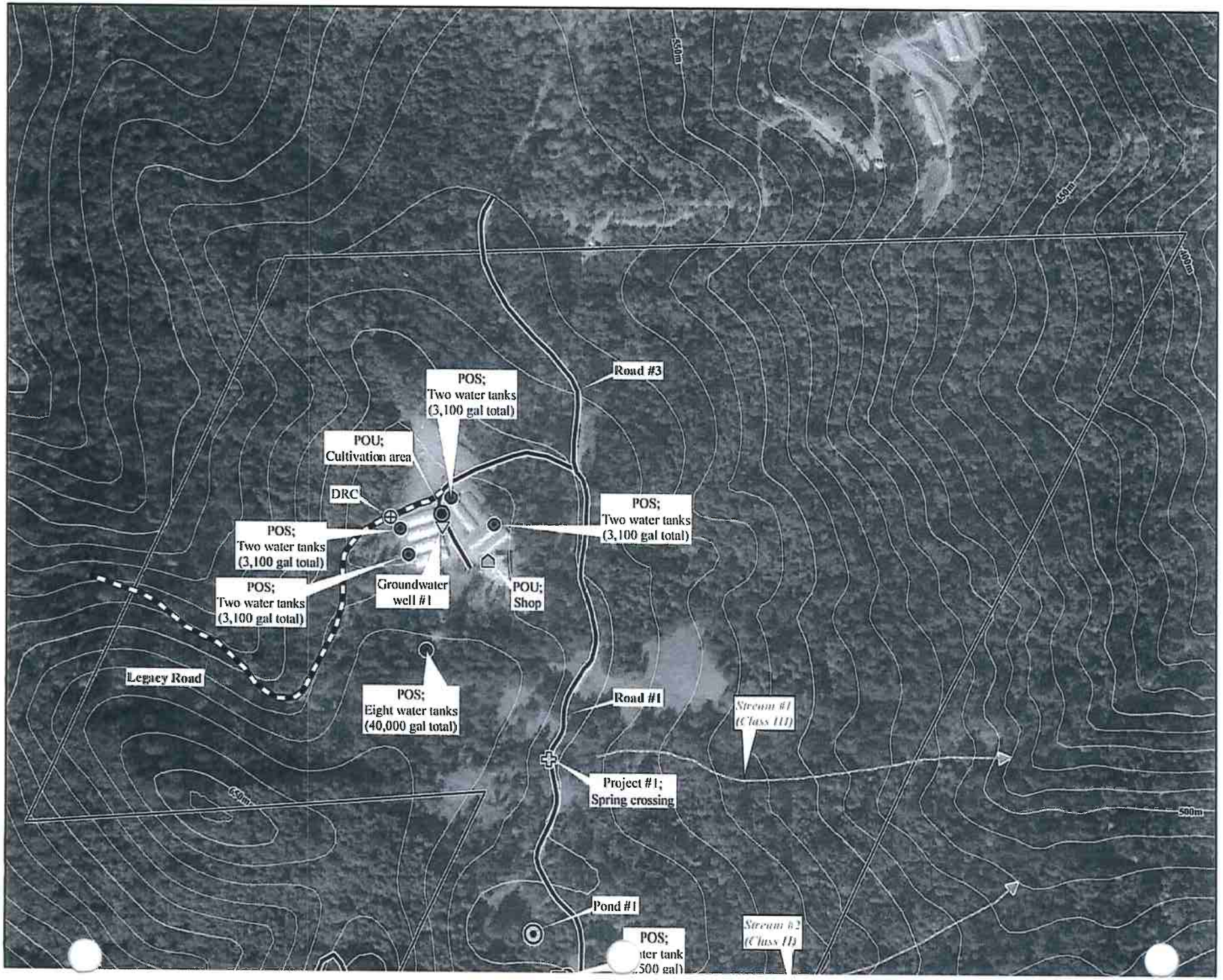


Figure 1. Location map for Bourque Lake or Streambed Alteration Agreement, APN 214-234-006, Miranda, Humboldt County, California.

P:\GIS\5503


550m
450m
400m
POS;
Two water tanks
(3,100 gal total)
Road #3
POU;
Cultivation area
DRC
POS;
Two water tanks
(3,100 gal total)
POS;
Two water tanks
(3,100 gal total)
POS;
Two water tanks
(3,100 gal total)
Groundwater
well #1
POU;
Shop
Legacy Road
POS;
Eight water tanks
(40,000 gal total)
Road #1
Stream #1
(Class III)
Project #1;
Spring crossing
650m
500m
Pond #1
POS;
ter tank
500 gal)
Stream #2
(Class II)

6. FEES

The project costs include, but are not limited to, the time and materials to upgrade the one spring crossing. No costs are associated with the Stream Crossing, as there is no treatment proposed.

8. PROJECT LOCATION

The property (APN 214-234-006) can be accessed by heading South on Highway 101 from Eureka for approximately 55 miles. Take Exit 650 and turn right at the stop sign onto Givney Road. Continue up Givney Road for approximately 550 feet to an automatic gate. Beyond the gate, continue for approximately 2.1 miles and stay right on the main road. In approximately 0.5 miles, turn right onto the road with the locked red gate. Continue down this road for approximately 1.3 miles to an intersection just beyond the armored fill crossing of Coon Creek, where a portion of the property is up the road to the left and the main project area is up the right road. The property begins approximately 450 feet up the right road and approximately 360 feet up the left road, from the Coon Creek armored fill crossing.

A site map of the project area displaying the roads, locations of the stream and spring crossings, existing road drainage structures, places of use, ponds, and water storage is attached to this application.

10. PROJECT DESCRIPTION

This LSAA is being submitted for one stream crossing and one spring crossing. See Figure 2 for project locations.

Project #1 – Spring Crossing: (40.188058°, -123.825393°) An emergent spring is conveyed across the road fill at this location. There is a dip in the road that prevents the spring from diverting down the right approach, and there is minimal erosion on the road approaches and the heavily vegetated outboard fill face. Below the road, flow dissipates in the vegetation and emerges again at the origin of a Class III stream approximately 125 feet below the road (Photos 1-2).

An armored fill will be installed at this location by enhancing the dip through the road prism and excavating a small keyway in the outboard fill. Dimensions for the keyway will be approximately 10 feet wide at the top, 5 feet wide at the base, 1 foot deep, and 14 feet long. The keyway will be armored with 10 cubic yards of 0.5-1.0 foot diameter riprap to accommodate for seasonal spring flow and minimize erosion of the road fill.

Project #2 – Stream Crossing: (40.185744°, -123.824153°) A Class II stream with a 24-inch diameter plastic culvert. The culvert is adequately sized for the 100 year peak streamflow and associated debris (Table 1) and allows for the passage of aquatic organisms. The culvert has sufficient barrel extension at the outlet, and no visible erosion downstream. The culvert is installed at the base of fill and is in-line with the natural channel. Additionally, both fillslopes are adequately rock armored (Photos 3-4).

No work within the bed and banks of the stream is proposed at this location.

All disturbed areas capable of delivering sediment to a watercourse will be seeded with barley or wheat based erosion control seed not containing Annual or Perennial Ryegrass and mulched with weed free straw at a rate no less than 50 lb/acre of seed and 4,000 lb/acre of straw. Any spoils generated during construction will be stored in a stable location and mulched to prevent surface erosion.

Methods for determining the 100-year design discharge include the Rational Method. The Rational Method is limited to watersheds less than 80 acres (Table 1).

Table 1 - Crossing Recommendations[1,2]

Project number and type	Existing culvert diameter (in)	Watershed area (acres)	Q100 – discharge estimate for 100-yr storm (cfs)	Recommended culvert diameter (in)	Recommended treatment
Project #1 Spring Crossing	Fill	1	1	18	Armored Fill
Project #2 Stream Crossing	24	10	12	24	No Treatment

[1] Assumes mean annual precipitation of 62 inches, and a 0.35 runoff coefficient (C)
[2]The 100-year Return-Period precipitation data was sourced from: http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=ca

The method is based on this equation: $Q_{100} = CIA$

Where:

Q_{100}= predicted peak runoff from a 100-year runoff event (in cubic feet second)

C= runoff coefficient (percent of rainfall that becomes runoff)

I= uniform rate of rainfall intensity (inches/hour)

A= drainage area (in acres)

Crossing upgrades will be constructed according to standards provided in the "Handbook for Forest, Ranch and Rural Roads," (Weaver, Weppner and Hagans, 2015), and the California Salmonid Stream Habitat Manual, Part X (Weaver, Hagans and Weppner, 2006).

Water Source:

Groundwater Well #1 (40.189765°, -123.826462°) – A permitted groundwater well that is the sole source of irrigation water for the cultivation area (Photo 5).

Groundwater Well #2 (40.186443°, -123.825267°) – A permitted groundwater well that is utilized for irrigation on a neighboring parcel (Photo 6).

Places of Storage:

There is approximately 54,900 gallons of water storage in 17 rigid tanks on the Project Site, which provide water for the cultivation area and shop (Photos 7-12).

Places of Use:

Water is used for irrigation at the cultivation area and the shop (Photos 13-14).

Disclosure Points:

Pond #1 (40.186845°, -123.825573°) – Along the main access road to the cultivation area there is a natural sag pond, which lacks a formal spillway, and is the result of a now dormant

translational/rotational slide. The pond is not utilized by the landowner and is naturally drained by infiltration and evaporation prior to the summer, which was observed by PWA staff in the spring of 2019 (Photos 15-16). PWA staff did not observe evidence of the pond overtopping.

Pond #2 (40.184155°, -123.825290°) – A spring fed pond without a formal spillway near the Southern parcel boundary. The pond is not being utilized for irrigation and acts as water storage for fire suppression (Photo 17).

11. PROJECT IMPACTS

11A. Permanent impacts to existing native channel bed, channel, watercourse banks, and associated riparian habitat will be avoided as there are no treatments proposed for the Stream Crossing. Incidental destruction of small areas of vegetation growing on the existing road fill is expected at the Spring Crossing.

Project #1 - Spring Crossing: Disturbance within the flow path of the spring will be limited to 2 feet wide by 26 feet long. Approximately 7.5 feet by 14 feet of vegetation growing on anthropogenically placed road fill will be impacted by the installation of the armored fill.

Project #2 - Stream Crossing: No disturbance within the bed and banks of the stream will occur at this site.

Total Marijuana (Cannabis) Remediation (Impact) Area: 195 square feet

Total Impact Area: 195 square feet, no part of which is within the riparian zone

11C. The parcel being assessed is located in Humboldt County at APN: 214-234-006. The latitude and longitude is denoted by a magenta square on Figure 3 and Figure 4 and is a centralized GPS point for the parcel.

A nine quadrant search was preformed to determine proximity of species presence. The nine quadrants are defined by the Public Land Survey System (PLSS) consisting of township, range, and section. Species accounts are recorded as Elemental Occurrences (EO) which is defined as an area of land and/or water in which a species or natural community is, or was, present. It is important to note that the lack of data does not positively affirm the absence of notable species within the parcel in question.

According to the California Natural Diversity Database (CNDDB) there are no EOs within the parcel boundaries, and three (3) within the nine (9) quadrant search. Notable species include *Falco peregrinus anatum* (American peregrine falcon), *Montia howellii* (Howel's montia), *Piperia candida* (white-flowered rein orchid). For a more detailed account of these occurrences, see Figure 3 and *California Natural Diversity Database – Occurrence Report* (California Department of Fish and Wildlife, May 2019).

After follow up with the CNDDB staff, it was determined that the suppressed *Falco peregrinus anatum* occurrence is located over 4 miles south of the project site. For a more detailed account of this occurrence see Figure 6 and *California Natural Diversity Database – Occurrence Report* (California Department of Fish and Wildlife, May 2019).

According to the Spotted Owl Database, zero (0) activity centers and three (3) were identified within the nine quadrant search. All spotted owl calls were negative within the PLSS quad that the parcel in question is within. The closest spotted owl occurrence is within 0.5 miles of the western most property line, and the closest activity center with within 1 mile of the western most property line. For a more

detailed account of these occurrences see Figure 4, *Report #1 – Spotted Owl Sites Found* (California Department of Fish and Wildlife, May 2019), and *Report #2 – Observations Reported* (California Department of Fish and Wildlife, May 2019) attached to this document.

According to the National Wetlands Inventory, there are no wetlands located on the parcel which is shown in Figure 5.

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

Standards of work will conform to CDFW California Salmonid Stream Habitat Restoration Manual Part X and the Handbook for Forest, Ranch and Rural Roads, and will occur during the summer months. Care will be taken not to unnecessarily disturb any native channel. Fill to be permanently removed will be stored in designated locations with no risk of sediment delivery. All disturbed areas where sediment delivery from surface erosion processes is feasible will be seeded and mulched to reduce surface erosion and transport processes.

The proposed spring crossing upgrade associated with this project will occur on an in-use road. All disturbance associated with this project will be limited to the existing road fill prism as necessary to improve road drainage, and prevent sediment delivery to watercourses. The spring crossing will be dry at time of the armored fill construction.

Work will only occur during the period of June 15 through October 15 (or first significant rainfall) to limit and avoid impacts to aquatic habitat and salmonids. Vegetation will only be removed from sites where it is growing on anthropogenically placed fill material, where erosion is likely to deliver to active watercourses, or where necessary for the implementation of effective storm-proofing treatments.

13. PERMITS

Regional Water Quality Control Board Waiver of Waste Discharge Order # R1-2015-0023, Enrolled February 15, 2016, Site WDID: 1B16418CHUM.

Humboldt County Medical Marijuana Land Use Ordinance (CMMLUO) Application #10841

California Department of Food and Agriculture Temporary Medium Mixed-Light Tier 1 Cannabis Cultivation License, Number TAL18-0007331

14. ENVIRONMENTAL REVIEW

14G. The project described in this Agreement was identified in a property inspection conducted by Pacific Watershed Associates (PWA) under contract with the property owner in order to develop the Lake or Streambed Alteration Agreement for CDFW. The project is confined to existing in use roads and is exempt from CEQA. However in the event that CEQA is required, Humboldt County will be the lead agency for all landowners pursuing permits under the Humboldt County CMMLUO.

Spring and Stream Crossings

Photo 1 – Project #1, View of the spring crossing from the left road approach.

Photo 2 – Project #1, View of the spring crossing looking downslope.

Photo 3 – Project #2, View looking downstream at the stream crossing culvert inlet and armored inboard fillslope.

Photo 4 – Project #2, View looking upstream at the stream crossing culvert outlet and armored outboard fillslope.

Water Source

Photo 5 – View of Groundwater Well #1, located within the cultivation area on the property.

Photo 6 – View of Groundwater Well #2, which is the water source for a neighboring parcel.

Places of Water Storage (POS)

Photo 7 – View of two water tanks (3,100 gallons total) within the cultivation area on the property.

Photo 8 – View of two water tanks (3,100 gallons total) within the cultivation area on the property.

Photo 9 – View of two water tanks (3,100 gallons total) within the cultivation area on the property.

Photo 10 – View of two water tanks (3,100 gallons total) within the cultivation area on the property.

Photo 11 – View of eight water tanks (40,000 gallons total) near the cultivation area on the property.

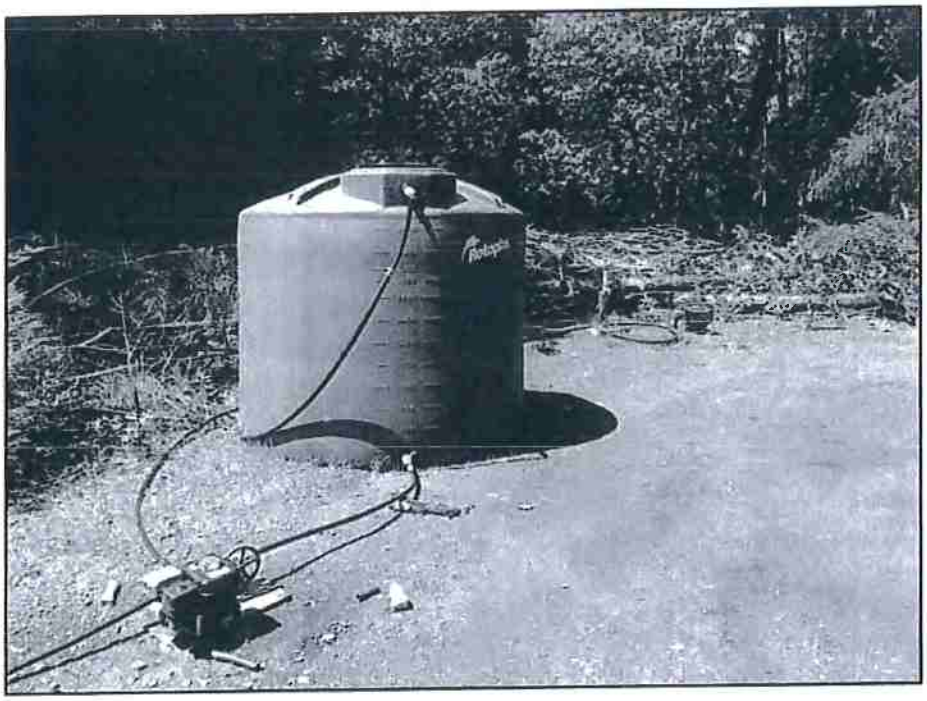


Photo 12 – View the 2,500 gallon water tank next to Well #2 that provides water storage for a neighboring parcel.

Places of Use

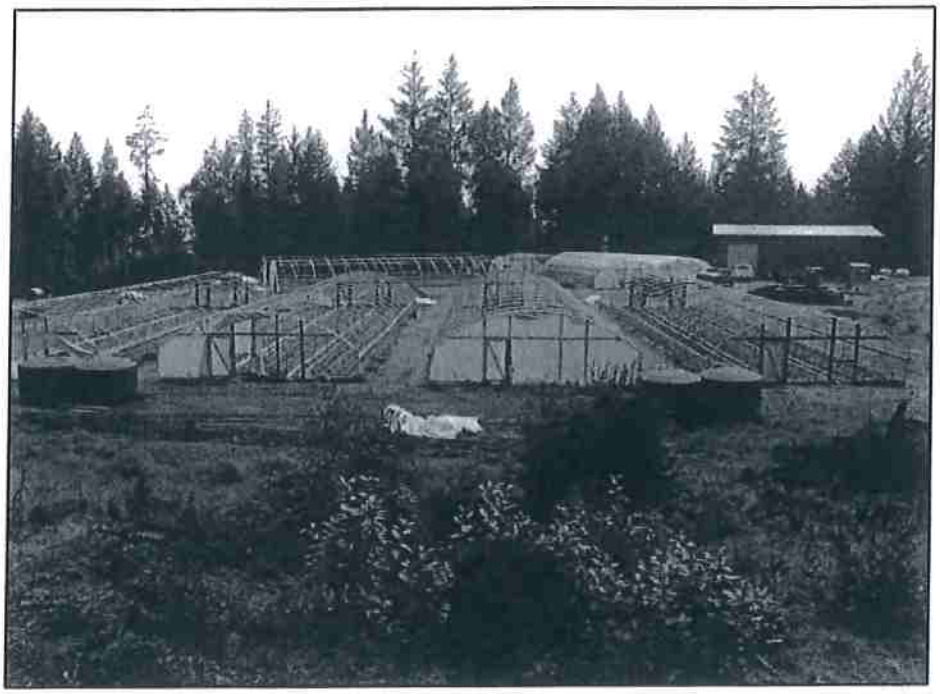


Photo 13 – View of the cultivation area on the property.

Photo 14 – View of the shop on the property.

Disclosure Points

Photo 15 – View looking East at Pond #1 along the main access road (photo taken April 16, 2019). Note the arrow shows the general location from which photo 16 was taken.

Photo 16 – View looking Southeast at Pond #1 after naturally draining (photo taken May 8, 2019).

Photo 17 – View looking East at the spring fed, Pond #2 near the parcel boundary.

Applicant Name: Kevin Bourque

Project Name: Bourque (006) Lake or Streambed Alteration Agreement

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://calcannabis.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.*

III. CULTIVATION OPERATION – Complete this section for all Agreement types.

Provide information regarding any license CDFA has issued to the Entity, or that the Entity has applied or will apply for.

Type of Operation:

- ☐ Proposed new cannabis cultivation operation
- ☑ Existing cannabis cultivation operation

Type of CDFA License you have or will apply for :

Specialty Cottage:

- ☐ Specialty Cottage Outdoor
- ☐ Specialty Cottage Indoor
- ☐ Specialty Cottage Mixed-Light Tier 1
- ☐ Specialty Cottage Mixed-Light Tier 2

Specialty:

- ☐ Specialty Outdoor
- ☐ Specialty Indoor
- ☐ Specialty Mixed-Light Tier 1
- ☐ Specialty Mixed-Light Tier 2

Small:

- ☐ Small Outdoor
- ☐ Small Indoor
- ☐ Small Mixed-Light Tier 1
- ☐ Small Mixed-Light Tier 2

Medium:

- ☐ Medium Outdoor
- ☐ Medium Indoor
- ☑ Medium Mixed-Light Tier 1
- ☐ Medium Mixed-Light Tier 2

- ☐ Nursery
- ☐ Processor

CDFA Annual or Provisional License # (if applicable): _____

CDFA Temporary License # (if applicable): TAL18-0007331

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 ccoordinates, 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:	*Longitude:*

Spring(s)

☐ Yes ☑ No

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

Number of Springs 0

Provide geographic coordinates for **each** spring:

Latitude:	*Longitude:*

Private Well(s)

☑ Yes ☐ No

*Provide geographic coordinates for **each** well:*

Latitude: 40.189765°	*Longitude:* -123.826462°

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?

☑ Yes (*Provide the information below*) ☐ No

Name of Company	Name of Professional or Consultant/Biologist	Business Telephone
Pacific Watershed Assoc.	Michelle Robinson	707-839-5130
Timberland Resource Consultants		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:

- 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?

☐ Yes (*Enclose a copy of the order or notice*) ☑ No

Did you receive a notice of violation (NOV) from CDFW that relates to the remediation work described in this notification?

☐ Yes (*Enclose a copy of the NOV*) ☑ No

B. Remediation Area. What is the amount of area requiring remediation?

Remediation area in total: 195 square feet

C. Remediation Plan. Has a plan to remediate the area been prepared?

☑ Yes (*Enclose the plan*) ☐ 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 (i) 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

VI. REMEDIATION

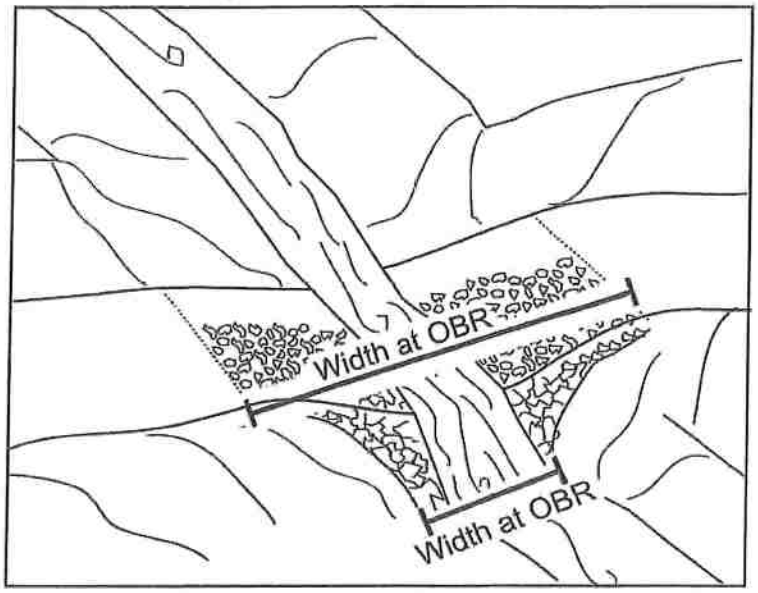
C. Remediation Plan.

This Notification of Lake and Streambed Alteration includes two Marijuana (Cannabis) Remediation (impact) areas: 1) the spring crossing (Project #1); and 2) Stream Crossing (Project #2), both of which are located on a road used to access the cultivation area on the property. As stated in Sections 10 - 12 of the Bourque (006) Notification, the proposed remediation (treatments) associated with the Spring Crossing (Project #1) include installing an armored fill, and there are no treatments recommended for the Stream Crossing (Project #2). Installing an armored fill for the spring will route the seasonal spring flow across the road, prevent diversion and protect the road fill from erosion, which will improve water quality from pre-project conditions by removing potential sediment sources.

All disturbed areas capable of delivering sediment to a watercourse will be seeded with barley or wheat based erosion control seed not containing Annual or Perennial Ryegrass and mulched with weed free straw at a rate no less than 50 lb/acre of seed and 4,000 lb/acre of straw. Any spoils generated during construction will be used for road treatments, or stored in a stable location and mulched to prevent surface erosion. The crossing will be treated according to standards provided in the "Handbook for Forest, Ranch and Rural Roads," (Weaver, Weppner and Hagans, 2015), and the California Salmonid Stream Habitat Manual, Part X (Weaver, Hagans and Weppner, 2006).

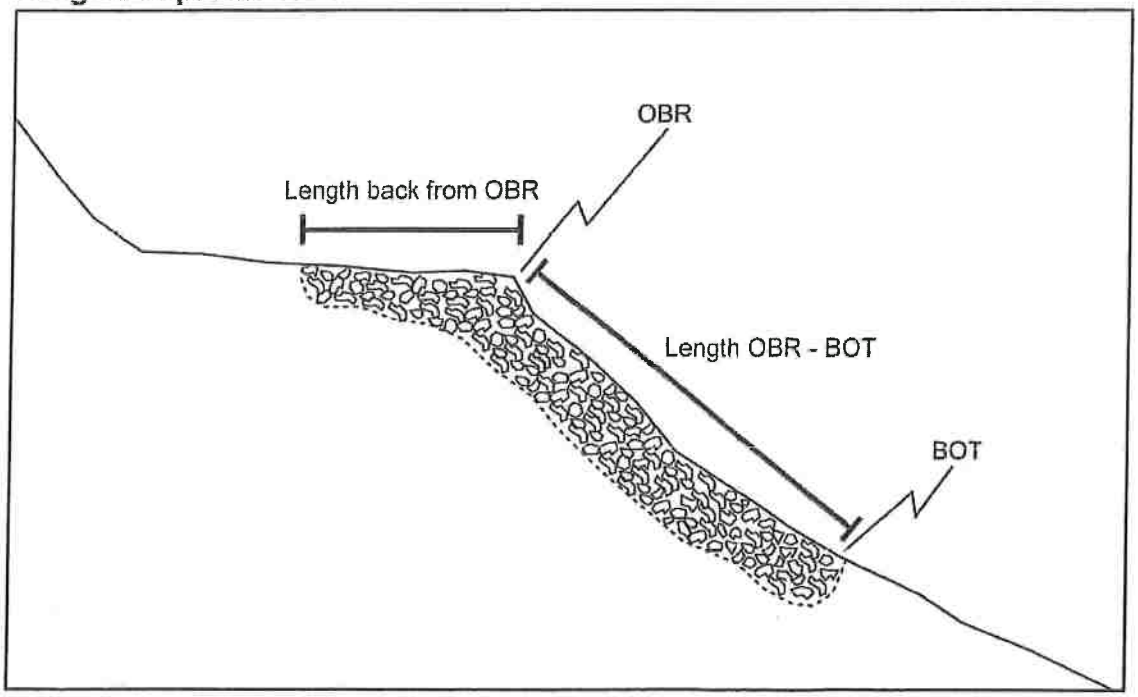
Typical Dimensions Refered to for Armored Fill Crossings

Widths in oblique view



OBR - Outboard edge of road

Lengths in profile view



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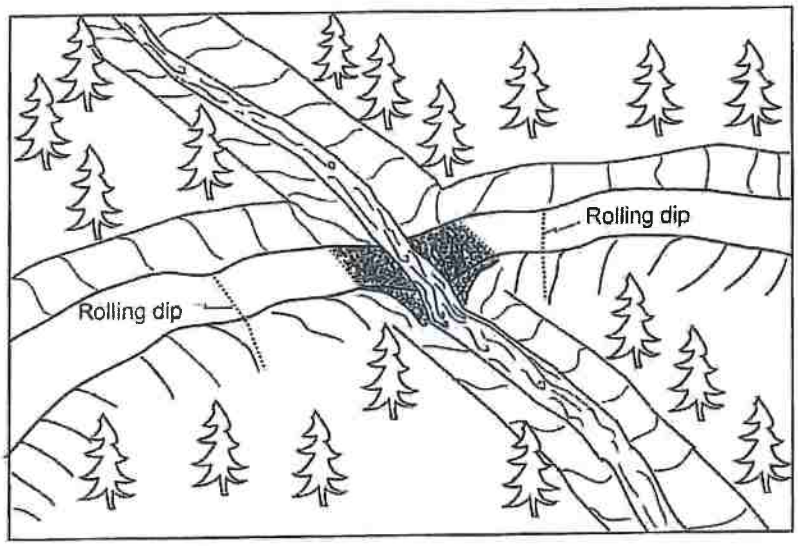
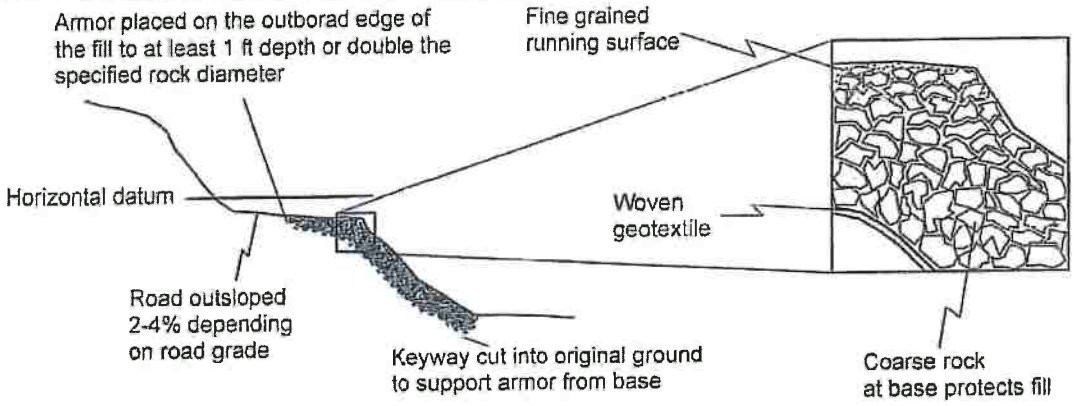
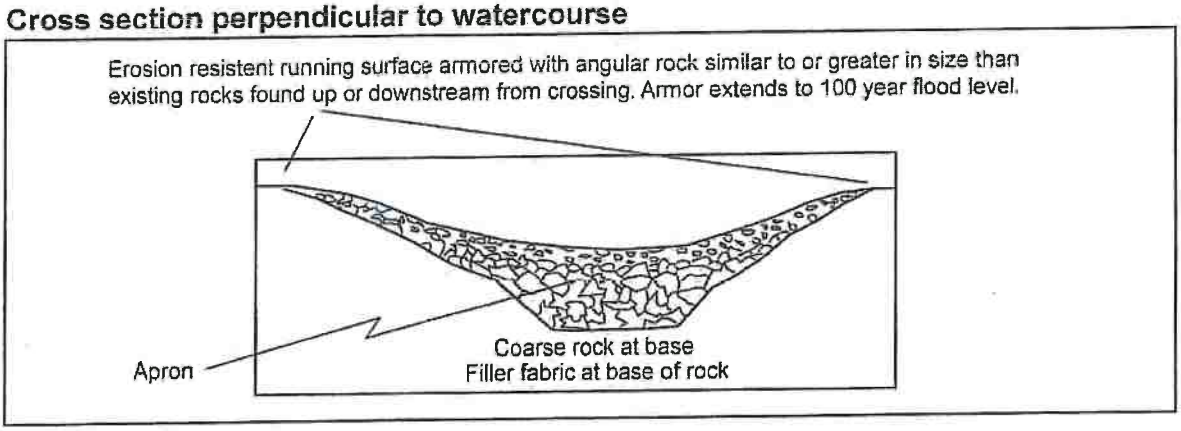
Typical Armored Fill Crossing Installation



Cross section parallel to watercourse



Cross section perpendicular to watercourse



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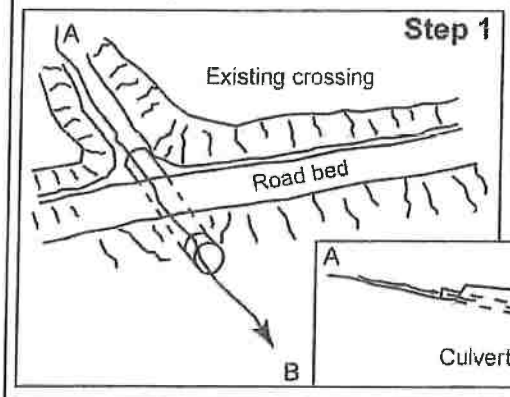
Typical Drawing #6

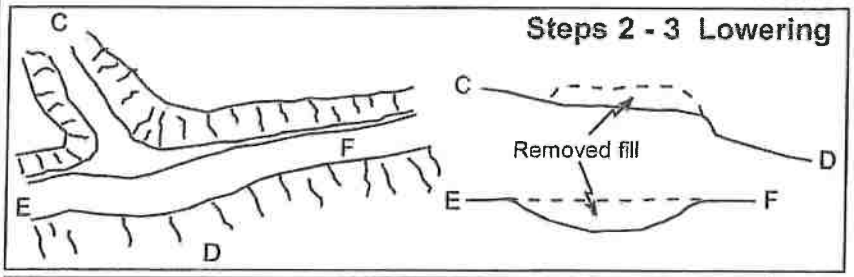
Ten Steps for Constructing a Typical Armored Fill Stream Crossing



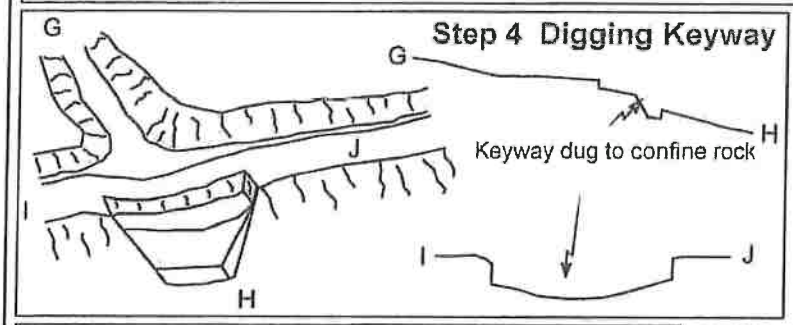
1. The two most important points are:

A) **The rock must be placed in a "U" shape across the channel to confine flow within the armored area.** (Flow around the rock armor will gully the remaining fill. Proper shape of surrounding road fill and good rock placement will reduce the likelihood of crossing failure).

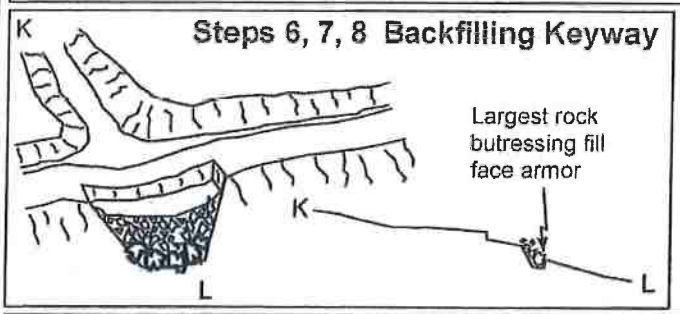
B) **The largest rocks must be used to butress the rest of the armor in two locations:** i) The base of the armored fill where the fill meets natural channel. (This will butress the armor placed on the outboard fill face and reduce the likelihood of it washing downslope). ii) The break in slope from the road tread to the outer fill face. (This will butress the fill placed on the outer road tread and will determine the "base level" of the creek as it crosses the road surface).



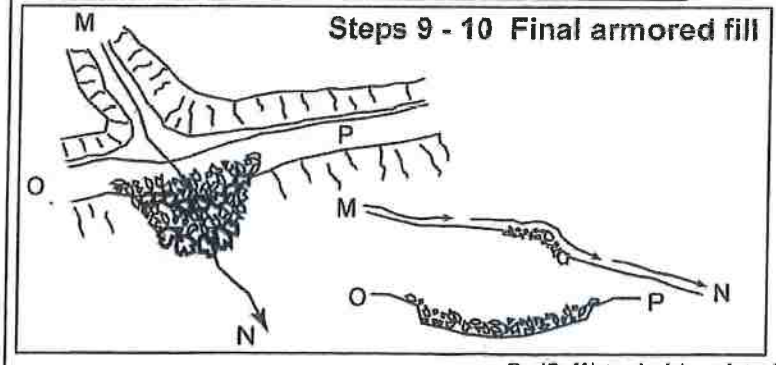
2. **Remove any existing drainage structures** including culverts and Humboldt logs.
3. **Construct a dip** centered at the crossing that is large enough to accomodate the 100-year flow event and prevent diversion (C-D, E-F).



4. **Dig a keyway** (to place rock in) that extends from the outer 1/3 of the road tread down the outboard road fill to the point where outbaord fill meets natural channel (up to 3 feet into the channel bed depending on site specifics) (G-H, I-J).
5. **Install geofabric (optional)** within keyway to support rock in wet ares and to prevent winnowing of the crossing at low flows.



6. **Put aside the largest rock** armoring to create 2 butresses in the next step.
7. **Create a butress using the largest rock** (as described in the site treatments specifications) at the base of fill. (This should have a "U" shape to it and will define the outlet of the armored fill.)
8. **Backfill the fill face** with remaining rock armor making sure the final armored area has "U" shape that will accomodate the largest expected flow (K-L).



9. **Install a second butress** at the break in slope between the outboard road and the outboard fill face. (This should define the base level of the stream and determine how deep the stream will backfill after construction) (M-N).
10. **Back fill the rest of the keyway** with the unsorted rock armor making sure the final armored area has a "U" shape that will accomodate the largest expected flow (O-P).

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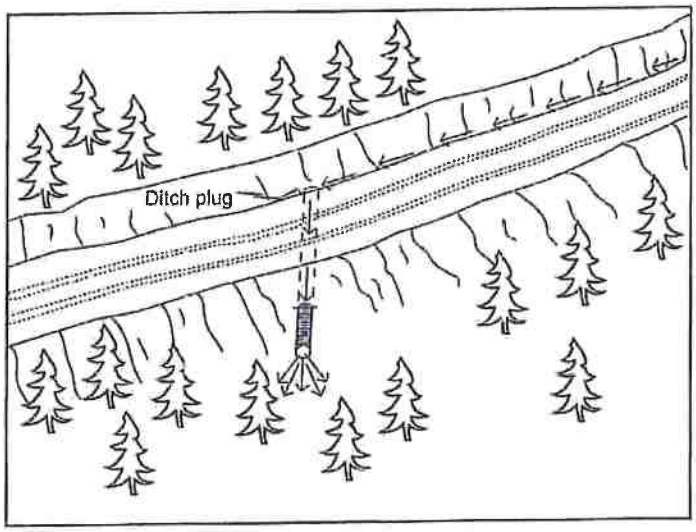
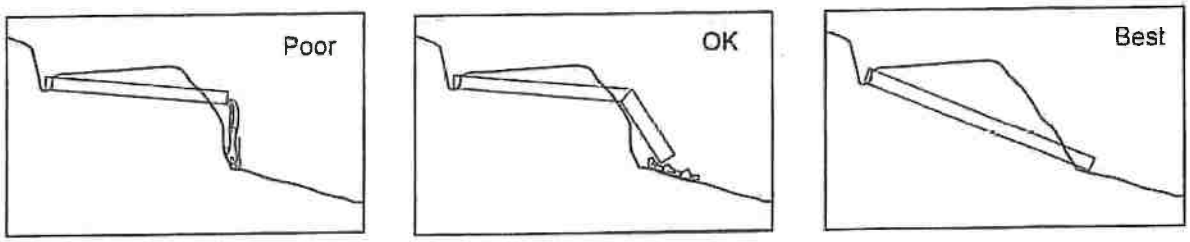
Typical Ditch Relief Culvert Installation





Ditch relief culvert installation

1) The same basic steps followed for stream crossing installation shall be employed.
2) Culverts shall be installed at a 30 degree angle to the ditch to lessen the chance of inlet erosion and plugging.
3) Culverts shall be seated on the natural slope or at a minimum depth of 5 feet at the outside edge of the road, whichever is less.
4) At a minimum, culverts shall be installed at a slope of 2 to 4 percent steeper than the approaching ditch grade, or at least 5 inches every 10 feet.
5) Backfill shall be compacted from the bed to a depth of 1 foot or 1/3 of the culvert diameter, which ever is greater, over the top of the culvert.
6) Culvert outlets shall extend beyond the base of the road fill (or a flume downspout will be used). Culverts will be seated on the natural slope or at a depth of 5 feet at the outside edge of the road, whichever is less.

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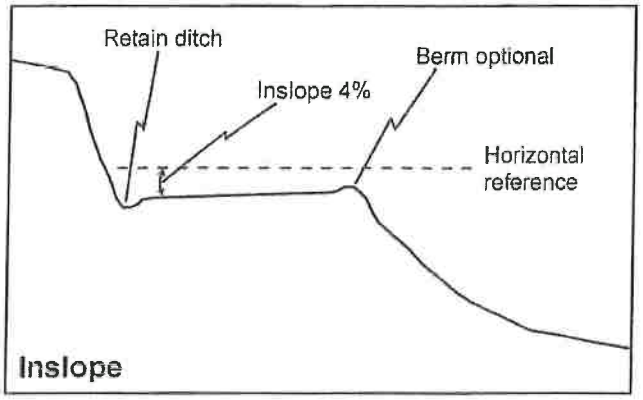
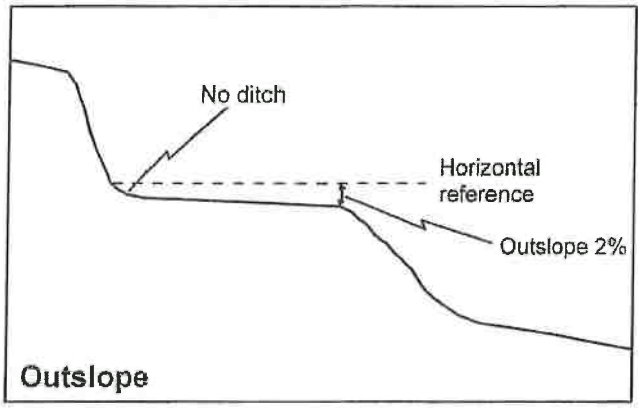
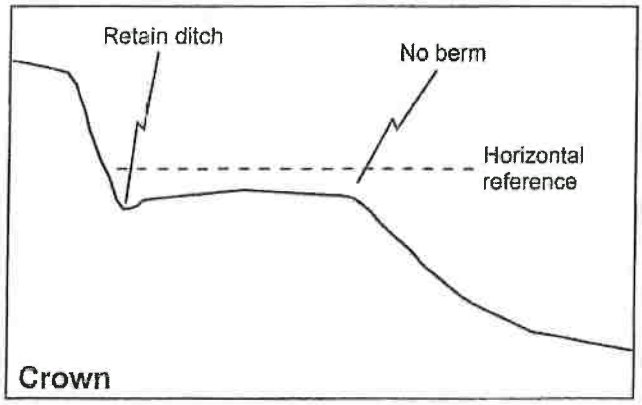
Typical Drawing #8

Typical Designs for Using Road Shape to Control Road Runoff







Outsloping Pitch for Roads Up to 8% Grade		
Road grade	**Unsurfaced roads**	**Surfaced roads**
4% or less	3/8" per foot	1/2" per foot
5%	1/2" per foot	5/8" per foot
6%	5/8" per foot	3/4" per foot
7%	3/4" per foot	7/8" per foot
8% or more	1" per foot	1 1/4" per foot

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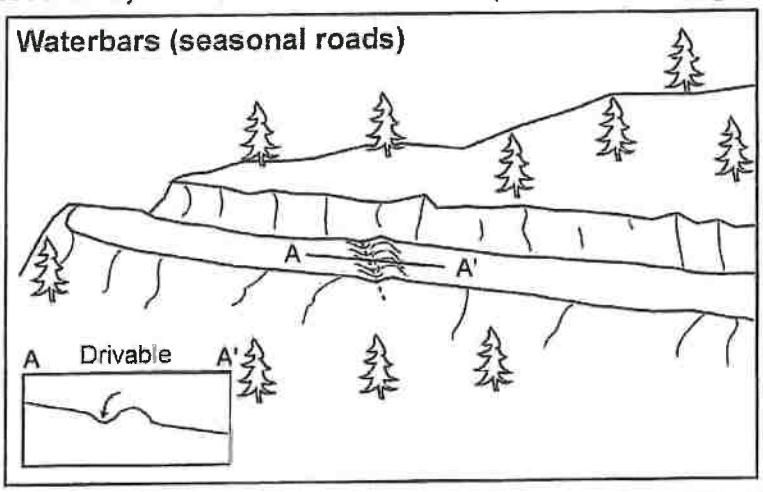
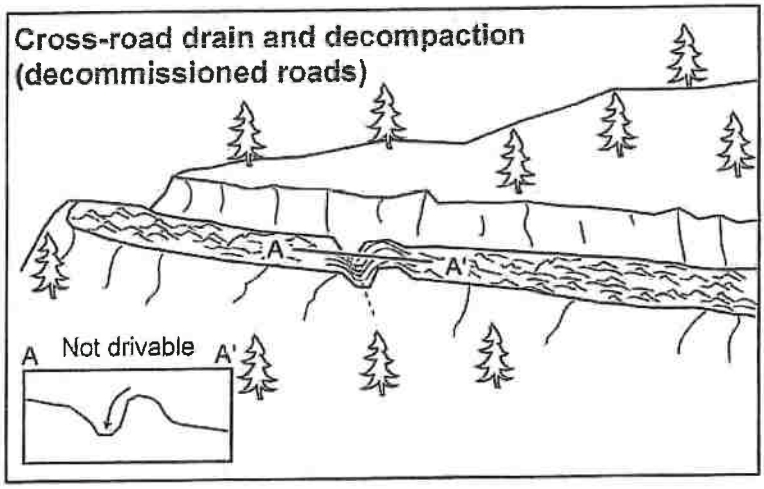
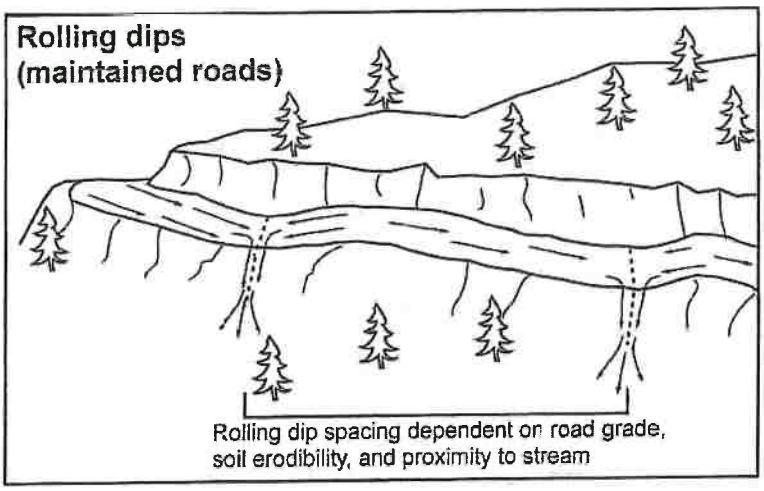
Typical Drawing #9

Typical Methods for Dispersing Road Surface Runoff with Waterbars, Cross-road Drains, and Rolling Dips







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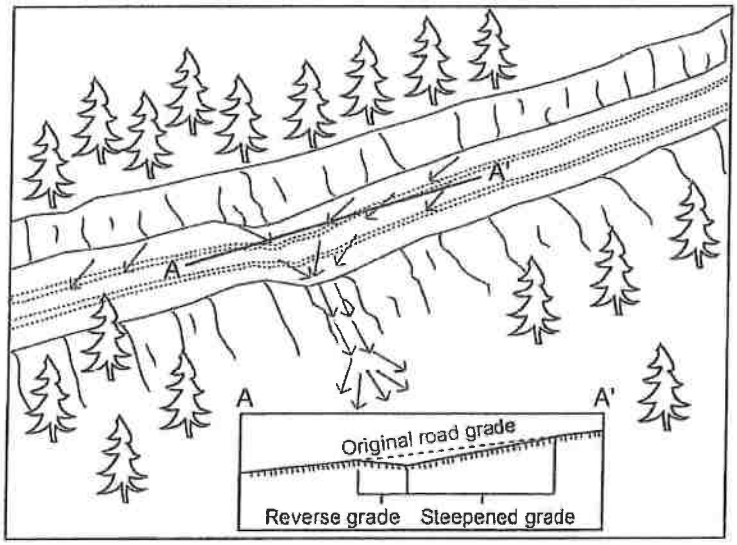
Typical Drawing #10

Typical Road Surface Drainage by Rolling Dips



Rolling dip installation:

1. Rolling dips will be installed in the roadbed as needed to drain the road surface.
2. Rolling dips will be sloped either into the ditch or to the outside of the road edge as required to properly drain the road.
3. Rolling dips are usually built at 30 to 45 degree angles to the road alignment with cross road grade of at least 1% greater than the grade of the road.
4. Excavation for the dips will be done with a medium-size bulldozer or similar equipment.
5. Excavation of the dips will begin 50 to 100 feet up road from where the axis of the dip is planned as per guidelines established in the rolling dip dimensions table.
6. Material will be progressively excavated from the roadbed, steepening the grade unitl the axis is reached.
7. The depth of the dip will be determined by the grade of the road (see table below).
8. On the down road side of the rolling dip axis, a grade change will be installed to prevent the runoff from continuing down the road (see figure above).
9. The rise in the reverse grade will be carried for about 10 to 20 feet and then return to the original slope.
10. The transition from axis to bottom, through rising grade to falling grade, will be in a road distance of at least 15 to 30 feet.

Table of rolling dip dimensions by road grade

Road grade %	Upslope approach distance (from up road start to trough) ft	Reverse grade distance (from trough to crest) ft	Depth at trough outlet (below average road grade) ft	Depth at trough inlet (below average road grade) ft
<6	55	15 - 20	0.9	0.3
8	65	15 - 20	1.0	0.2
10	75	15 - 20	1.1	0.01
12	85	20 - 25	1.2	0.01
>12	100	20 - 25	1.3	0.01

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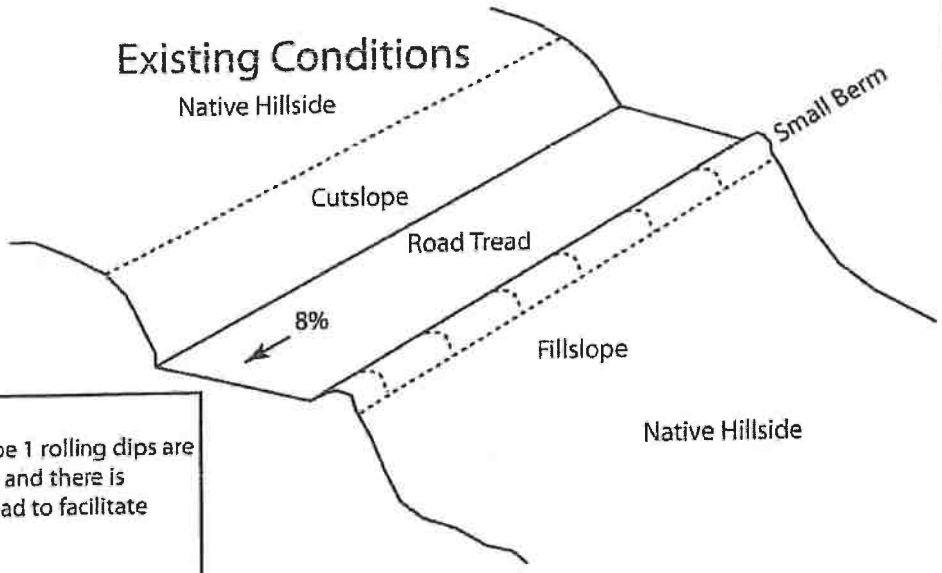
Typical Drawing #11

Rolling Dip Construction (Type 1)



Notes

Rolling dip type 1 existing conditions: Type 1 rolling dips are utilized when roads are less than 12% grade and there is proximal outfall adjacent to the outboard road to facilitate road drainage.

Design Notes:

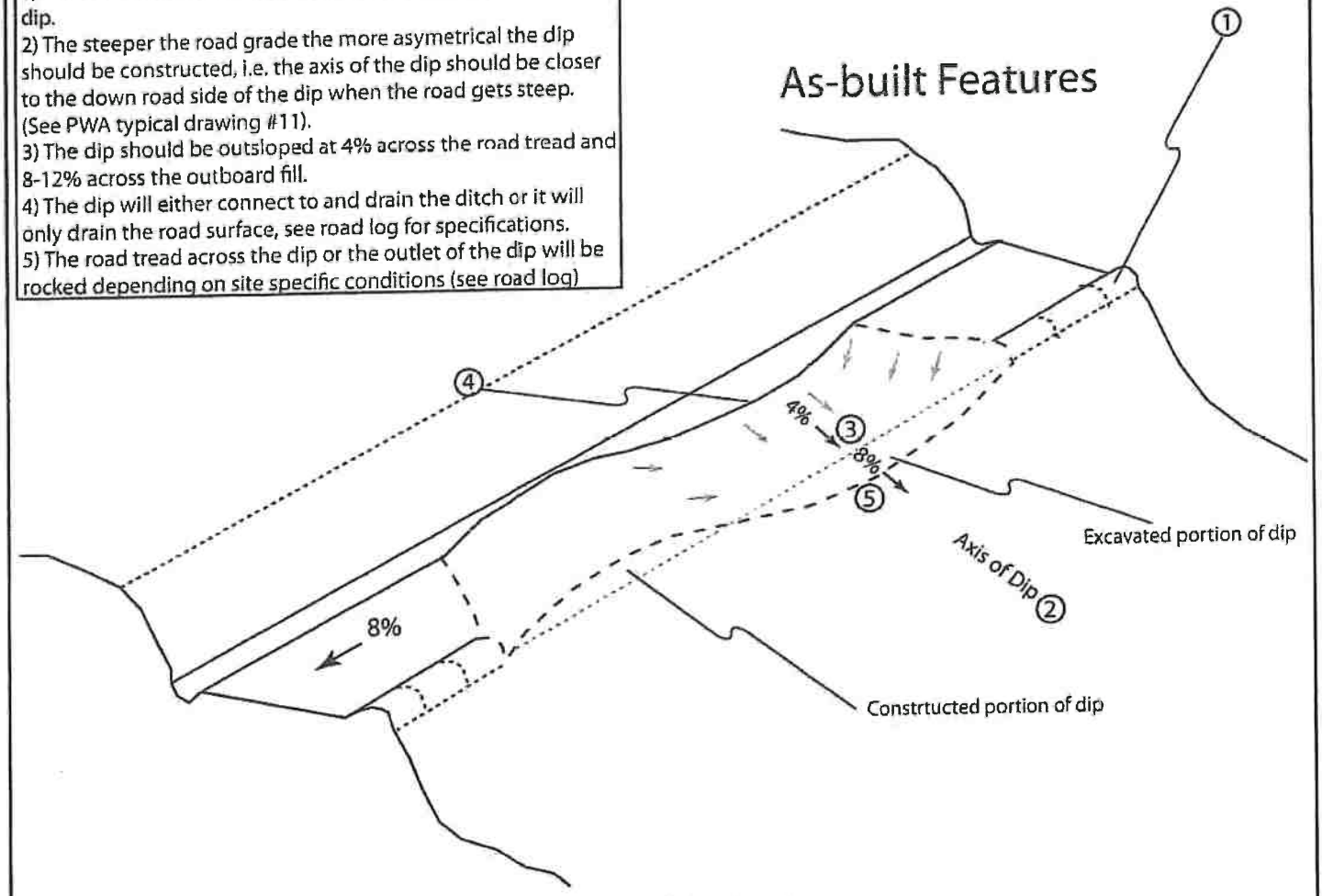
1) The berm should be removed for the entire length of the dip.

2) The steeper the road grade the more asymetrical the dip should be constructed, i.e. the axis of the dip should be closer to the down road side of the dip when the road gets steep. (See PWA typical drawing #11).

3) The dip should be outsloped at 4% across the road tread and 8-12% across the outboard fill.

4) The dip will either connect to and drain the ditch or it will only drain the road surface, see road log for specifications.

5) The road tread across the dip or the outlet of the dip will be rocked depending on site specific conditions (see road log)



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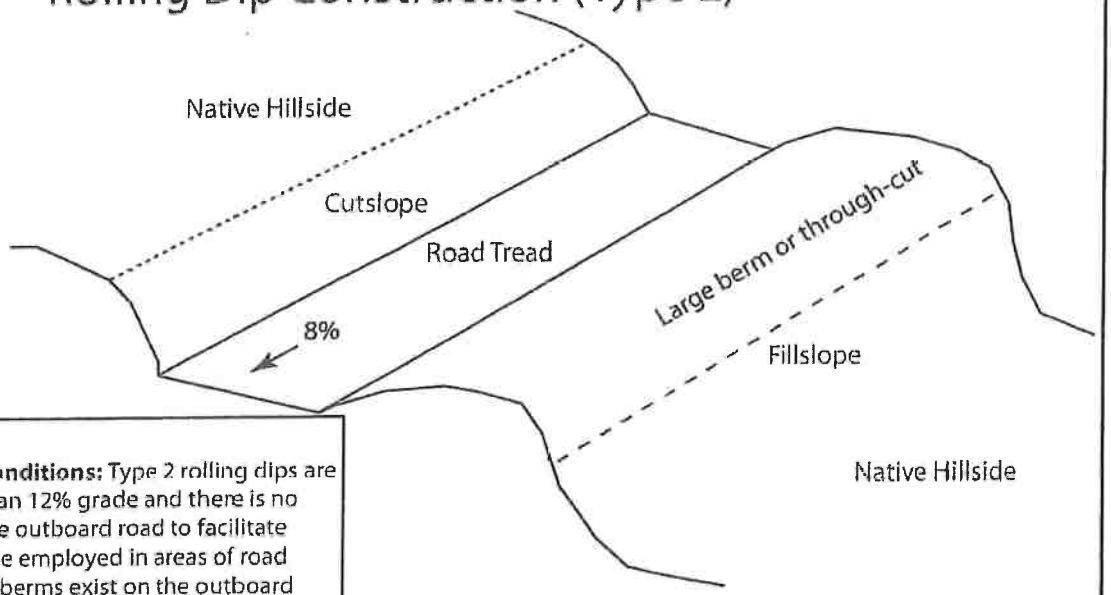
PWA Typical Drawing #19a

Rolling Dip Construction (Type 2)



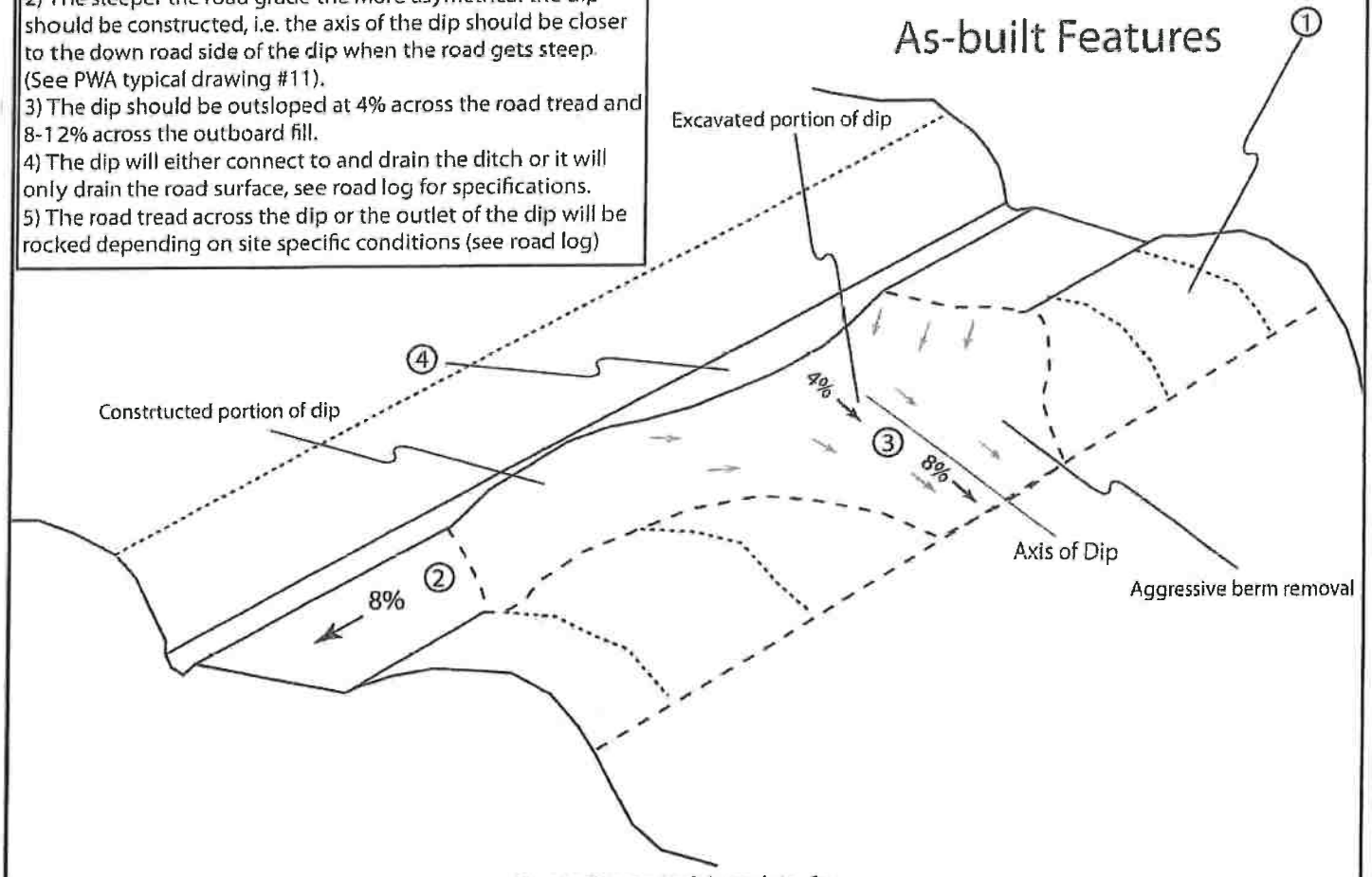
Notes

Rolling dip type 2 existing conditions: Type 2 rolling dips are utilized when roads are less than 12% grade and there is no proximal outfall adjacent to the outboard road to facilitate road drainage. These should be employed in areas of road through-cuts and where large berms exist on the outboard road

Design Notes:

1) The berm should be removed for the entire length of the excavated portion of the dip.
2) The steeper the road grade the more asymetrical the dip should be constructed, i.e. the axis of the dip should be closer to the down road side of the dip when the road gets steep. (See PWA typical drawing #11).
3) The dip should be outsloped at 4% across the road tread and 8-12% across the outboard fill.
4) The dip will either connect to and drain the ditch or it will only drain the road surface, see road log for specifications.
5) The road tread across the dip or the outlet of the dip will be rocked depending on site specific conditions (see road log)

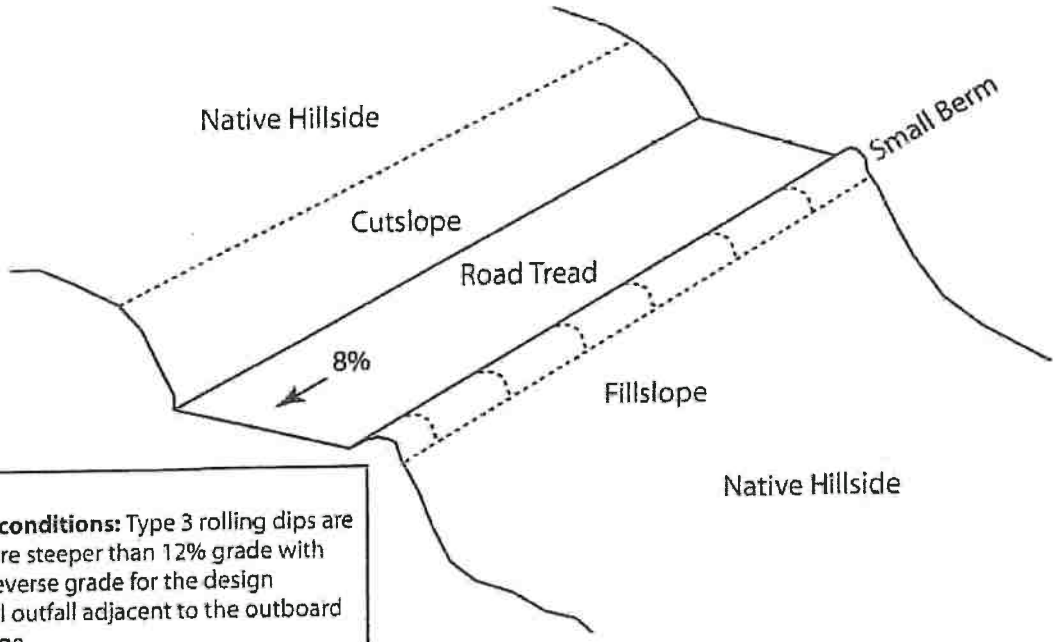
As-built Features



Pacific Watershed Associates Inc.
Geologic and Geomorphic Studies • Watershed Restoration • Wildland Hydrology • Erosion Control • Environmental Services
PO Box 4433, Arcata, CA 95518 / Ph: 707-839-5130 / FAX: 707-839-8168 / www.pacificwatershed.com

PWA Typical Drawing #19b

Rolling Dip Construction (Type 3, aggressive outslope)



Notes

Rolling dip type 3 existing conditions: Type 3 rolling dips are utilized when roads grades are steeper than 12% grade with little opportunity to create reverse grade for the design vehicle, and there is proximal outfall adjacent to the outboard road to facilitate road drainage.

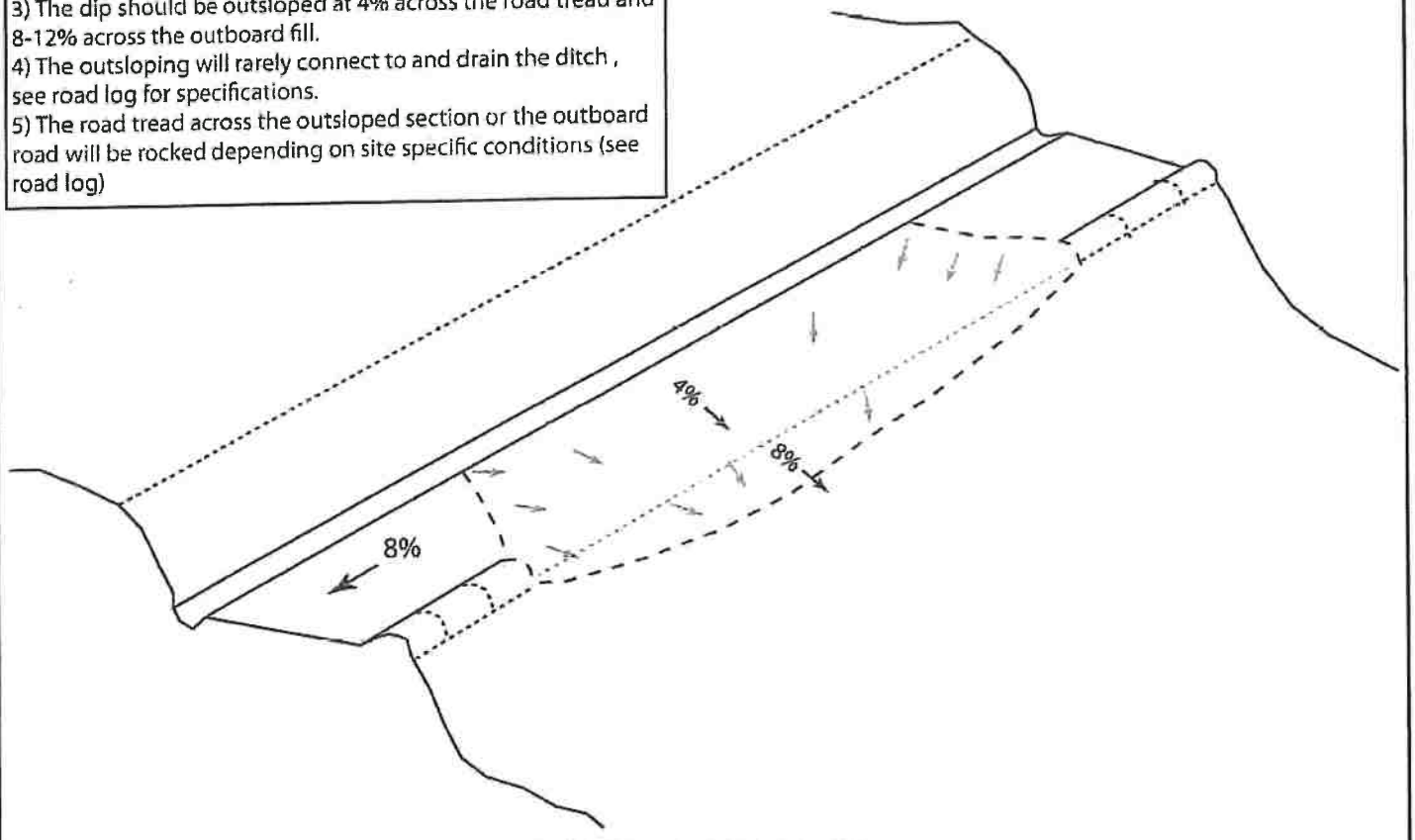
Design Notes:

1) The berm should be removed for the entire length of the outsloped section.

3) The dip should be outsloped at 4% across the road tread and 8-12% across the outboard fill.

4) The outsloping will rarely connect to and drain the ditch , see road log for specifications.

5) The road tread across the outsloped section or the outboard road will be rocked depending on site specific conditions (see road log)



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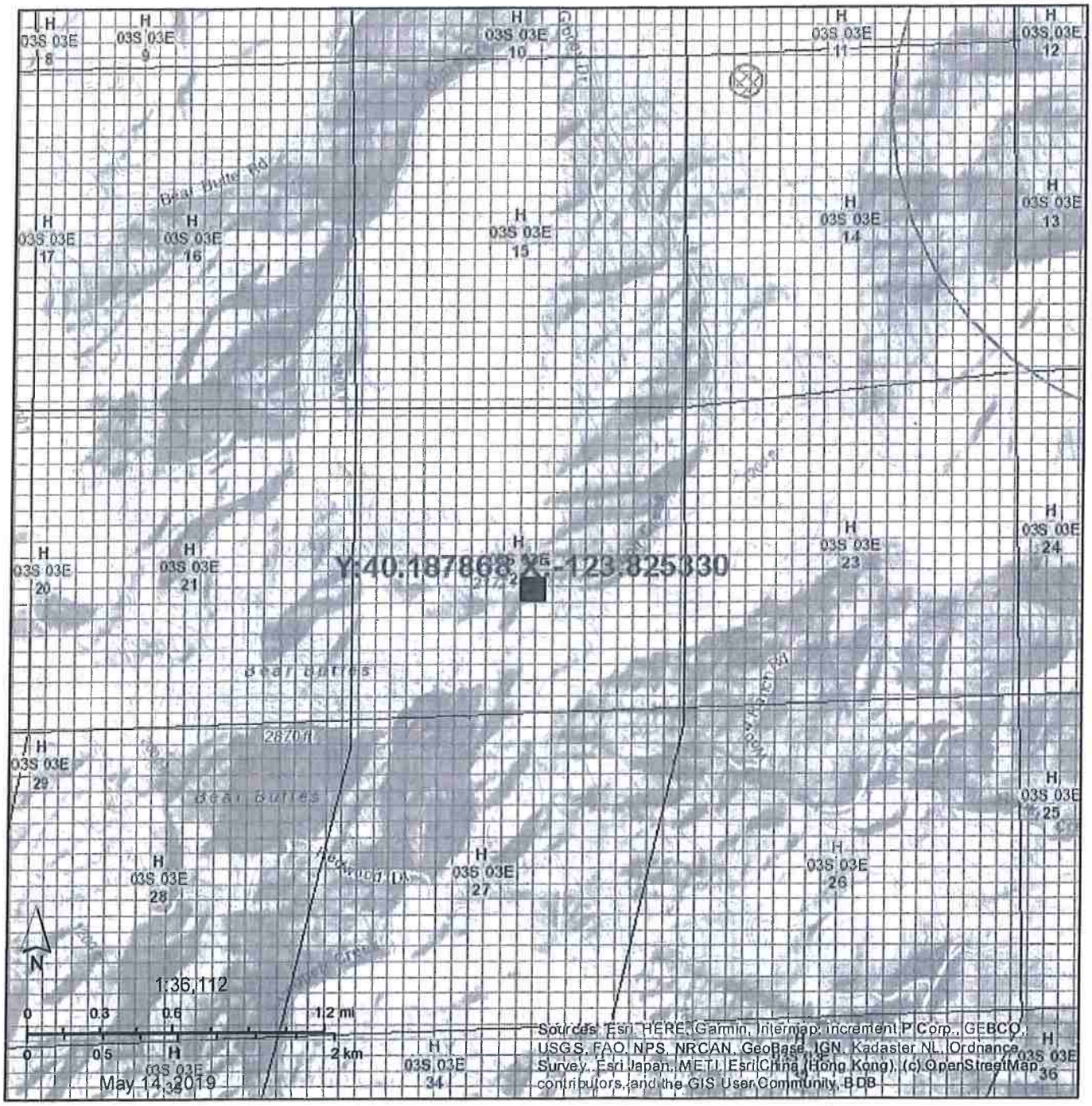
PWA Typical Drawing #19c

Figure 3. CNDDB Elemental Occurrences

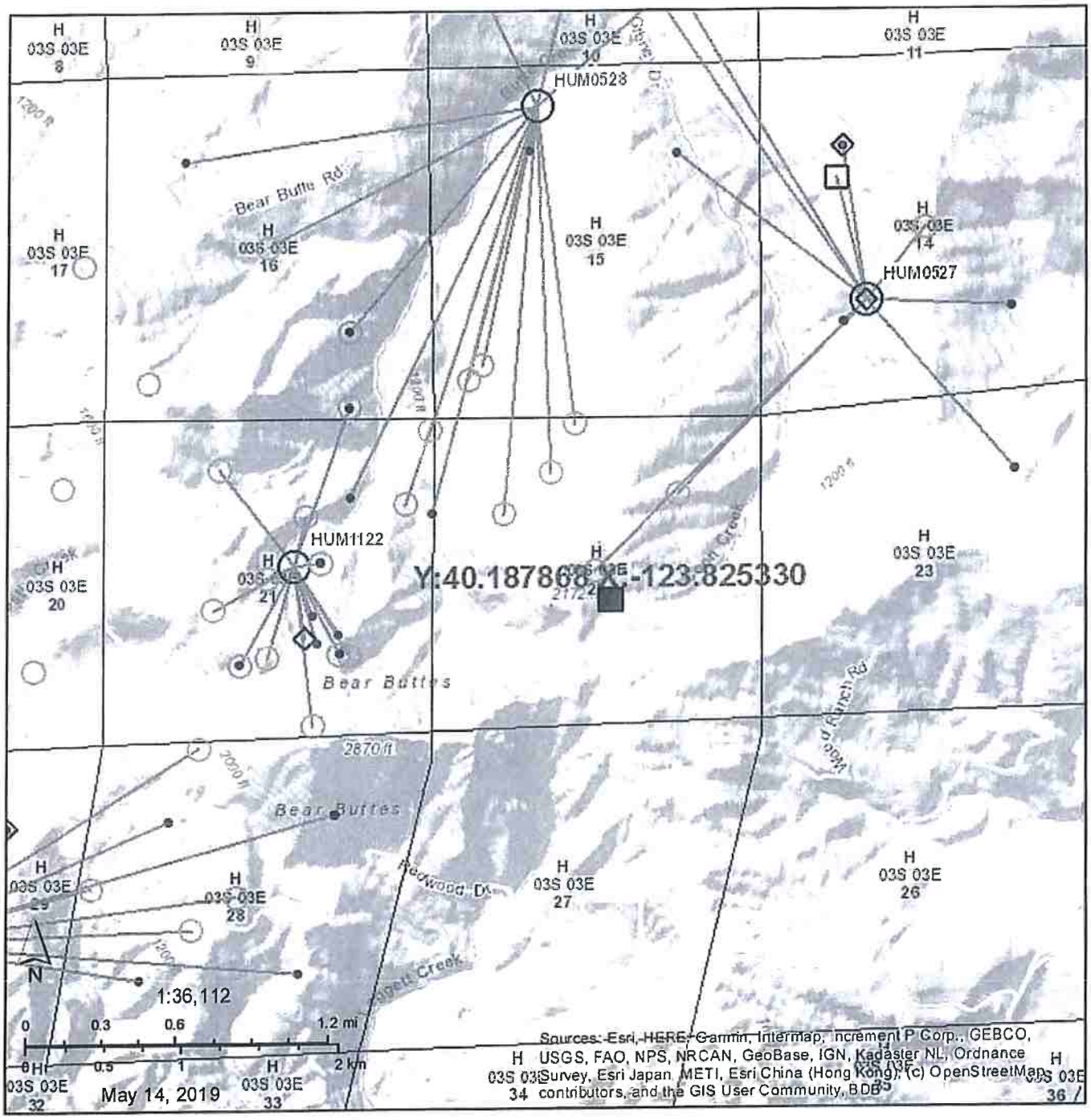


California Natural Diversity Database (CNDDB) Commercial [ds85]

- Plant (80m)
- Plant (specific)
- Plant (non-specific)
- Plant (circular)
- Animal (80m)
- Animal (specific)
- Animal (non-specific)
- Animal (circular)
- Terrestrial Comm. (80m)
- Terrestrial Comm. (specific)
- Terrestrial Comm. (non-specific)
- Terrestrial Comm. (circular)
- Aquatic Comm. (80m)
- Aquatic Comm. (specific)
- Aquatic Comm. (non-specific)
- Aquatic Comm. (circular)
- Multiple (80m)
- Multiple (specific)
- Multiple (non-specific)
- Multiple (circular)
- Sensitive EO's (Commercial only)

Author: Georgia Hamer - Pacific Watershed Associates
Printed from http://bios.dfg.ca.gov

Figure 4. Spotted Owl Observations



Spotted Owl Observations [ds704]

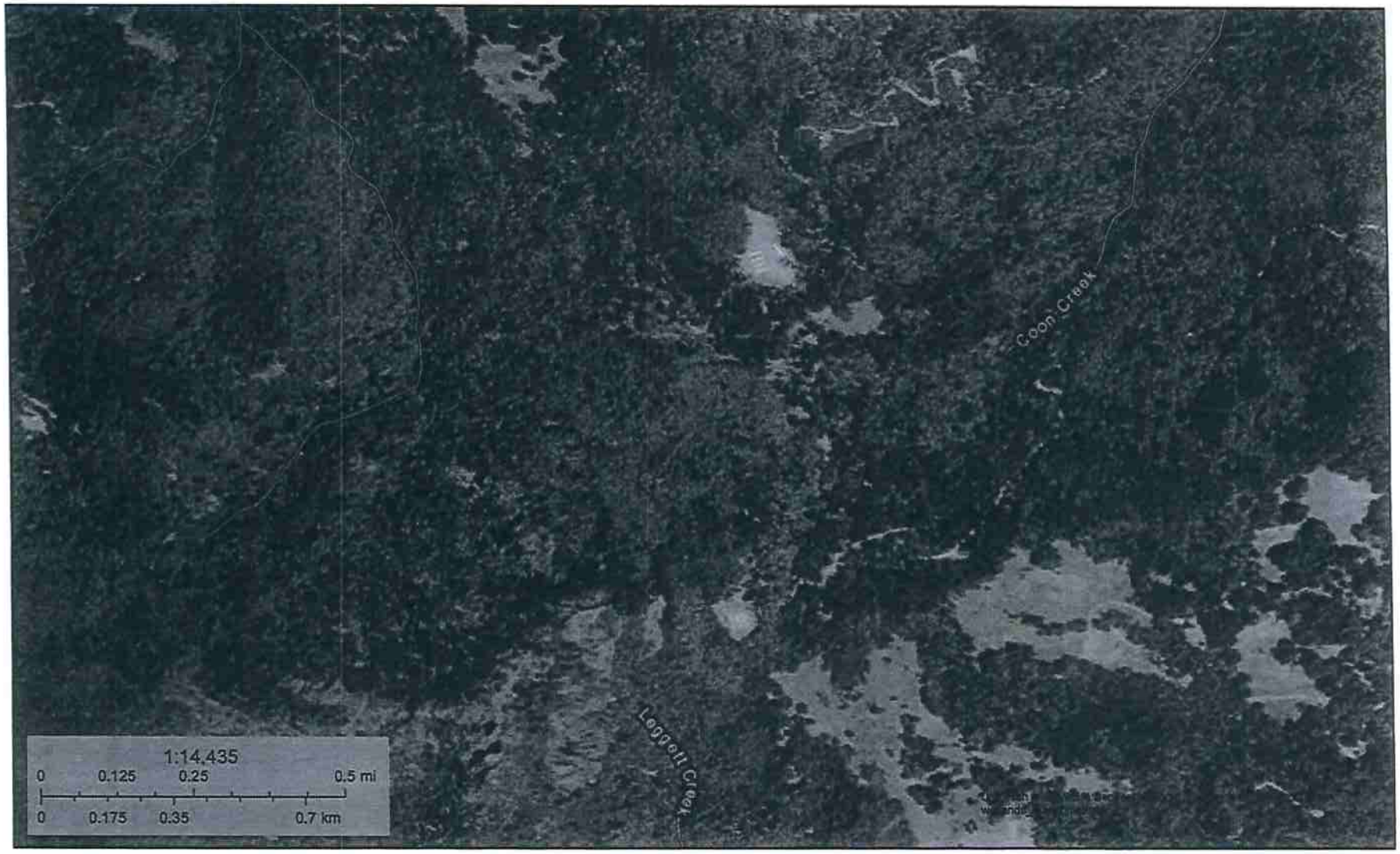
- Nest
- Young
- Pair
- Other Positive Observation
- Negative Observation
- Activity Center
- Abandoned Activity Center
- Not Valid Activity Center
- Spotted Owl Observations Spider Diagram [ds705]
- Northern Spotted Owl - Final Critical Habitat - USFWS [ds156]

Author: Georgia Hamer Pacific Watershed
Printed from http://bios.dfg.ca.gov

U.S. Fish and Wildlife Service

National Wetlands Inventory

Figure 5. National Wetlands Inventory



May 14, 2019

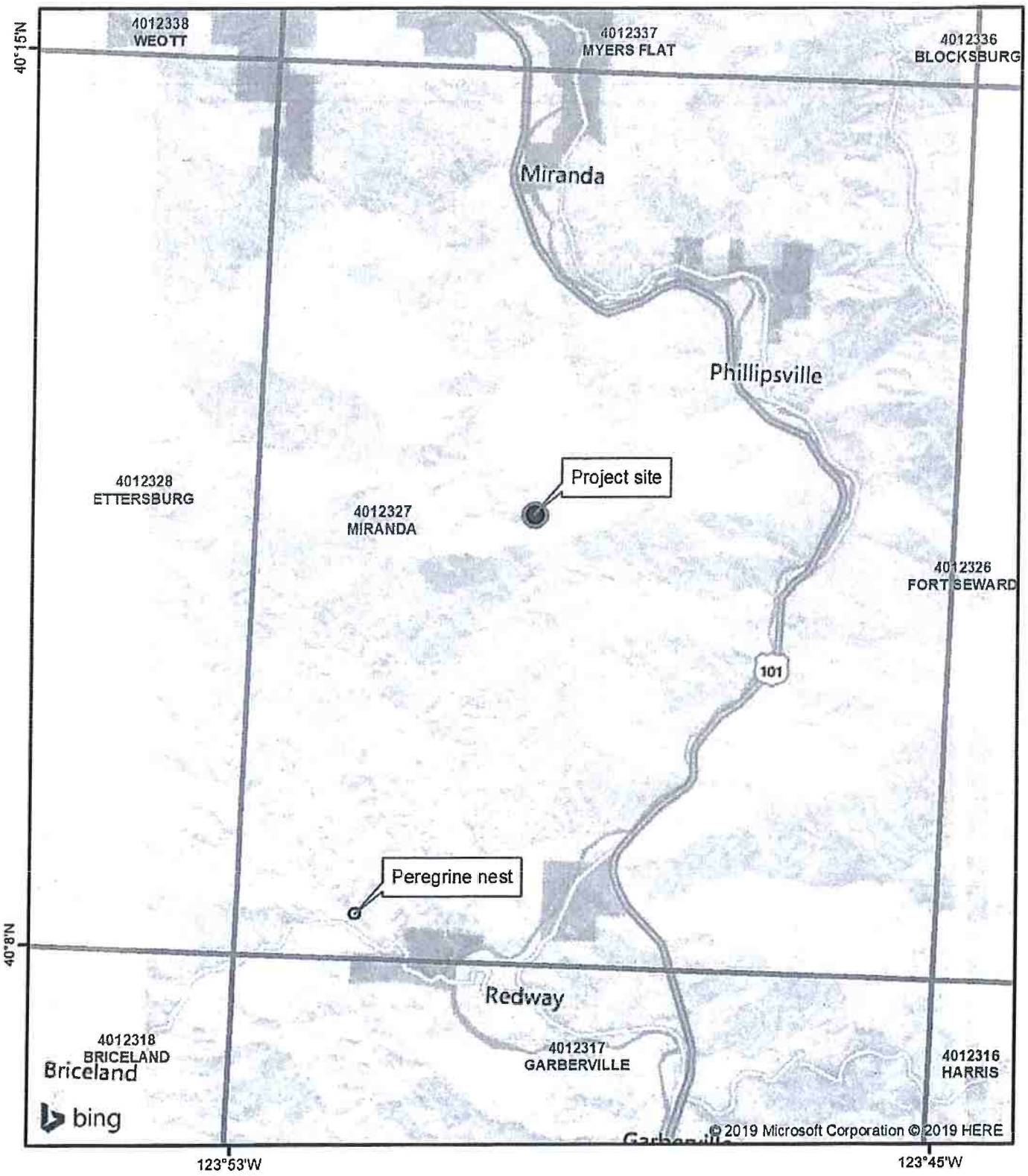
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Figure 6. Suppressed CNDDB occurrence near 40.187600, -123.826164



Confidential information
Please do not distribute outside of your current project
Created by R. Elliott (CNDDB) May 2019

Occurrence Report

California Department of Fish and Wildlife

California Natural Diversity Database

Map Index Number:	42993	**EO Index:**	42993
Key Quad:	Miranda (4012327)	**Element Code:**	ABNKD06071
Occurrence Number:	7	**Occurrence Last Updated:**	2000-05-22

Scientific Name: *Falco peregrinus anatum*

Common Name: American peregrine falcon

Listing Status: Federal: Delisted
* SENSITIVE * State: Delisted

CNDDB Element Ranks: Global: G4T4
State: S3S4

Rare Plant Rank:

Other Lists: CDF_S-Sensitive
CDFW_FP-Fully Protected
USFWS_BCC-Birds of Conservation Concern

General Habitat:

NEAR WETLANDS, LAKES, RIVERS, OR OTHER WATER; ON CLIFFS, BANKS, DUNES, MOUNDS; ALSO, HUMAN-MADE STRUCTURES.

Micro Habitat:

NEST CONSISTS OF A SCRAPE OR A DEPRESSION OR LEDGE IN AN OPEN SITE.

Last Date Observed:	1996-03-06	**Occurrence Type:**	Natural/Native occurrence
Last Survey Date:	1996-03-06	**Occurrence Rank:**	Fair
Owner/Manager:		**Trend:**	Unknown
Presence:	Presumed Extant		

Location:

SENSITIVE LOCATION INFORMATION SUPPRESSED.

Detailed Location:

PLEASE CONTACT THE CALIFORNIA NATURAL DIVERSITY DATABASE, CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE. FOR MORE INFORMATION: (916) 322-2493

Ecological:

EYRIE IS LOCATED IN A LOW SANDSTONE BLUFF WITH SMALL CAVES OR POTHOLES.

Threats:

General:

PLSS:		**Accuracy:**	80 meters	**Area (acres):**	0
UTM:		**Latitude/Longitude:**		**Elevation (feet):**	500

County Summary:	**Quad Summary:**
Humboldt	Miranda (4012327)

Sources:

HAR96F0001 HARRIS, J. (CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION) - FIELD SURVEY FORM FOR FALCO PEREGRINUS ANATUM (EYRIE SITE) 1996-03-06

Occurrence Report

California Department of Fish and Wildlife

California Natural Diversity Database

Map Index Number:	32650	**EO Index:**	1595
Key Quad:	Miranda (4012327)	**Element Code:**	PDPOR05070
Occurrence Number:	2	**Occurrence Last Updated:**	1995-12-01

Scientific Name: *Montia howellii*

Common Name: Howell's montia

Listing Status: Federal: None

State: None

Rare Plant Rank: 2B.2

Other Lists:

CNDDB Element Ranks: Global: G3G4

State: S2

General Habitat:

MEADOWS AND SEEPS, NORTH COAST CONIFEROUS FOREST, VERNAL POOLS.

Micro Habitat:

VERNALLY WET SITES; OFTEN ON COMPACTED SOIL. 10-1215 M.

Last Date Observed:	1921-04-24	**Occurrence Type:**	Natural/Native occurrence
Last Survey Date:	1921-04-24	**Occurrence Rank:**	Unknown
Owner/Manager:	UNKNOWN	**Trend:**	Unknown
Presence:	Presumed Extant		

Location:

PHILLIPSVILLE FLAT, SOUTH FORK EEL RIVER.

Detailed Location:

Ecological:

DAMP GROUND IN SHADE.

Threats:

General:

ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1921 COLLECTION BY TRACY.

PLSS:	T03S, R03E, Sec. 13 (H)	**Accuracy:**	1 mile	**Area (acres):**	0
UTM:	Zone-10 N4451283 E433106	**Latitude/Longitude:**	40.20929 / -123.78607	**Elevation (feet):**	280

County Summary:	**Quad Summary:**
Humboldt	Miranda (4012327)

Sources:

TRA21S0002 TRACY, J.P. - TRACY #5431 JEPS #17205 1921-04-24

VRI89U0001 VRILAKAS, S. - MONTIA HOWELLII INTERIM REPORT. 1989-XX-XX

Occurrence Report

California Department of Fish and Wildlife

California Natural Diversity Database

Map Index Number:	A2326	**EO Index:**	103938
Key Quad:	Miranda (4012327)	**Element Code:**	PMORC1X050
Occurrence Number:	133	**Occurrence Last Updated:**	2018-08-23

Scientific Name:	*Piperia candida*		**Common Name:**	white-flowered rein orchid	
Listing Status:	**Federal:**	None	**Rare Plant Rank:**	1B.2	
	State:	None	**Other Lists:**	BLM_S-Sensitive	
CNDDB Element Ranks:	**Global:**	G3			
	State:	S3			

General Habitat:

NORTH COAST CONIFEROUS FOREST, LOWER MONTANE CONIFEROUS FOREST, BROADLEAFED UPLAND FOREST.

Micro Habitat:

SOMETIMES ON SERPENTINE. FOREST DUFF, MOSSY BANKS, ROCK OUTCROPS, AND MUSKEG. 20-1615 M.

Last Date Observed:	2017-03-17	**Occurrence Type:**	Natural/Native occurrence
Last Survey Date:	2017-03-17	**Occurrence Rank:**	Fair
Owner/Manager:	PVT	**Trend:**	Unknown
Presence:	Presumed Extant		

Location:

ABOUT 0.1-0.4 AIR MILE SOUTH OF HWY 101 AND ABOUT 0.5 TO 1.2 AIR MILES EAST OF COON CREEK, NORTHWEST OF PHILLIPSVILLE.

Detailed Location:

MAPPED BY CNDDB AS 4 POLYGONS FROM 2016 GOLDSWORTHY COORDINATES AND 2017 WEAR COORDINATES, IN THE NW 1/4 OF THE NW 1/4 OF SECTION 14 AND THE SOUTH 1/2 OF SECTION 11.

Ecological:

NORTH COAST CONIFEROUS FOREST. CUTBANK ADJACENT TO HAUL ROAD, AS WELL AS IN PARTIAL SHADE UNDER NOTHOLITHOCARPUS DENSIFLORUS AND PSEUDOTSUGA MENZIESII. ASSOCIATES: LATHYRUS VESTITUS, CLINOPODIUM DOUGLASII, SYMPHORICARPOS, ETC.

Threats:

CUTBANK EROSION, TIMBER HARVEST, FRENCH BROOM INVASION.

General:

5 PLANTS OBSERVED IN S-MOST POLYGON AND 8 PLANTS IN NW-MOST POLYGON IN 2016. 1 PLANT IN EACH OF THE 2 EASTERN POLYGONS IN 2017.

PLSS:	T03S, R03E, Sec. 11, S (H)	**Accuracy:**	specific area	**Area (acres):**	20
UTM:	Zone-10 N4452025 E431356	**Latitude/Longitude:**	40.21583 / -123.80672	**Elevation (feet):**	700

County Summary:	**Quad Summary:**
Humboldt	Miranda (4012327)

Sources:

GOL16F0005	GOLDSWORTHY, E. - FIELD SURVEY FORM FOR PIPERIA CANDIDA 2016-05-23
GOL16F0006	GOLDSWORTHY, E. - FIELD SURVEY FORM FOR PIPERIA CANDIDA 2016-05-23
WEA17F0002	WEAR, K. - FIELD SURVEY FORM FOR PIPERIA CANDIDA 2017-03-17

California Department of Fish and Wildlife - Natural Diversity Database

Map Index Number: 42993
Key Quad: Miranda (4012327)
Occurrence Number: 7

EO Index: 42993
Element Code: ABNKD06071
Occurrence Last Updated: 2000-05-22

Scientific Name: *Falco peregrinus anatum*
Common Name: American peregrine falcon

Listing Status: Federal: Delisted
State: Delisted

CNDDB Element Ranks: Global: G4T4
State: S3S4

CNPS List:

Other Lists: CDF - Sensitive
CDFW - Fully Protected
USFWS - Birds of Conservation Concern

General Habitat:
NEAR WETLANDS, LAKES, RIVERS, OR OTHER WATER; ON CLIFFS, BANKS, DUNES, MOUNDS; ALSO, HUMAN-MADE STRUCTURES.

Micro Habitat:
NEST CONSISTS OF A SCRAPE OR A DEPRESSION OR LEDGE IN AN OPEN SITE.

Last Date Observed: 1996-03-06
Last Survey Date: 1996-03-06
Owner/Manager: UNKNOWN
Presence: Presumed Extant

Occurrence Type: Natural/Native occurrence
Occurrence Rank: Fair
Trend: Unknown

Location:
NORTH OF BRICELAND RD, NORTH OF REDWOOD CREEK, 0.5 MI NORTH OF WHITTEMORE GROVE, NORTH OF HUMBOLDT REDWOODS STATE PARK.

Detailed Location:

Ecological:
EYRIE IS LOCATED IN A LOW SANDSTONE BLUFF WITH SMALL CAVES OR POTHOLES.

Threats:

General:
2 ADULTS OBSERVED IN COURTSHIP IN THE PRESUMED NEST SITE VICINITY, 6 MAR 1996.

PLSS: T04S, R03E, Sec. 09, NE (H)
UTM: Zone-10 N4442666 E427167

Accuracy: 80 meters
Latitude/Longitude: 40.13117 / -123.85487

Area (acres): 0
Elevation (feet): 500

County Summary:
Humboldt

Quad Summary:
Miranda (4012327)

Sources:
HARR96F0001 HARRIS, J. FIELD SURVEY FORM FOR FALCO PEREGRINUS ANATUM (EYRIE SITE) 1996-03-06

Data Version Date:
05/01/2019

Report Generation Date:
5/14/2019

Report #1 - Spotted Owl Sites Found

Known Spotted Owl sites having observations within the search area.

Meridian, Township, Range, Section (MTRS) searched:

H_03S_03E Sections(14,15,16,21,22,23,26,27,28);

Masterowl	*Subspecies*	*LatDD NAD83*	*LonDD NAD83*	*MTRS*	*AC Coordinate Source*
HUM0527	NORTHERN	40.201132	-123.810672	H 03S 03E 14	Contributor
HUM0528	NORTHERN	40.209827	-123.829578	H 03S 03E 15	Contributor
HUM0529	NORTHERN	40.172797	-123.866708	H 03S 03E 29	Contributor
HUM1122	NORTHERN	40.189424	-123.843452	H 03S 03E 21	Contributor

Data Version Date:
05/01/2019

Report Generation Date:
5/14/2019

Report #2 - Observations Reported
List of observations reported by site.

Meridian, Township, Range, Section (MTRS) searched:

H_03S_03E Sections(14,15,16,21,22,23,26,27,28);

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
Masterowl: HUM0527 Subspecies: NORTHERN											
NEG	1941-06-19	2131	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
POS	1995-04-21		1	UM				40.193550	-123.802264	H 03S 03E 23	Quarter-section centroid
POS	1996-03-30		1	UM				40.193550	-123.802264	H 03S 03E 23	Quarter-section centroid
POS	1996-03-30		1	UM				40.200231	-123.811954	H 03S 03E 14	Quarter-section centroid
POS	1996-05-23		1	UM				40.207767	-123.821527	H 03S 03E 15	Quarter-section centroid
POS	1996-05-24		2	UMUF	Y			40.208005	-123.812059	H 03S 03E 14	Quarter-section centroid
POS	1996-06-27		1	UM				40.215397	-123.821713	H 03S 03E 10	Quarter-section centroid
POS	1996-06-28		1	UM				40.208005	-123.812059	H 03S 03E 14	Quarter-section centroid
POS	1997-03-07		1	UM				40.200231	-123.811954	H 03S 03E 14	Quarter-section centroid
POS	2000-05-31	2134	1	UU				40.200865	-123.802433	H 03S 03E 14	Quarter-section centroid
NEG	2000-06-01	0515	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
NEG	2000-06-08	1847	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
NEG	2000-06-08	2022	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
NEG	2000-06-09	0501	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
POS	2000-06-23	2130	1	AU				40.208005	-123.812059	H 03S 03E 14	Quarter-section centroid
NEG	2000-06-24	0500	0					40.204362	-123.807327	H 03S 03E 14	Section centroid

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2000-07-15	1712	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
NEG	2000-07-22	0515	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
NEG	2001-03-15	2016	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
NEG	2001-04-07	1923	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
POS	2001-05-09	2240	1	UF				40.208005	-123.812059	H 03S 03E 14	Quarter-section centroid
POS	2001-05-10		2	UMUF	Y	Y		40.206588	-123.812406	H 03S 03E 14	Contributor
NEG	2001-05-31	2035	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
POS	2001-06-25	2244	2	UMUF	Y			40.215397	-123.821713	H 03S 03E 10	Quarter-section centroid
NEG	2001-07-02	2207	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
POS	2001-07-10	2211	1	UF				40.215397	-123.821713	H 03S 03E 10	Quarter-section centroid
NEG	2001-08-08	2110	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
POS	2002-04-21		2	UMUF	Y			40.201132	-123.810672	H 03S 03E 14	Contributor
AC	2003-03-28	1531	2	AMAF	Y	Y		40.201132	-123.810672	H 03S 03E 14	Contributor
NEG	2004-04-26	2025	0					40.192578	-123.821379	H 03S 03E 22	Quarter-section centroid
NEG	2004-06-09	2235	0					40.189121	-123.826153	H 03S 03E 22	Section centroid
NEG	2004-08-13	2300	0					40.189121	-123.826153	H 03S 03E 22	Section centroid
NEG	2005-03-15	2100	0					40.189121	-123.826153	H 03S 03E 22	Section centroid

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2005-03-31	2050	0					40.189121	-123.826153	H 03S 03E 22	Section centroid
NEG	2005-05-02	2118	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
NEG	2005-05-16	2245	0					40.189121	-123.826153	H 03S 03E 22	Section centroid
NEG	2005-06-10	2307	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
NEG	2005-07-12	2146	0					40.204362	-123.807327	H 03S 03E 14	Section centroid
POS	2006-04-06	1940	1	UU				40.200231	-123.811954	H 03S 03E 14	Quarter-section centroid
Masterowl: HUM0528 Subspecies: NORTHERN											
POS	1992-03-25	2400	1	UM				40.199848	-123.840289	H 03S 03E 16	Quarter-section centroid
POS	1992-06-06	2400	1	UM				40.207455	-123.849725	H 03S 03E 16	Quarter-section centroid
POS	1992-06-06	1100	1	UM				40.191765	-123.835584	H 03S 03E 21	Contributor
POS	1992-06-06	2400	1	UF				40.207842	-123.830024	H 03S 03E 15	Contributor
POS	1992-07-20		1	UM				40.192470	-123.840256	H 03S 03E 21	Quarter-section centroid
NEG	2002-06-22	0049	0					40.199848	-123.840289	H 03S 03E 16	Quarter-section centroid
AC	2002-06-29	0002	1	UM				40.209827	-123.829578	H 03S 03E 15	Contributor
NEG	2004-03-23	2139	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-03-29	2032	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-04-15	2218	0					40.203652	-123.845012	H 03S 03E 16	Section centroid

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2004-04-25	2055	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-05-07	2025	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-05-13	2112	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-05-18	2132	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-06-06	2149	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
NEG	2004-06-22	2107	0					40.203652	-123.845012	H 03S 03E 16	Section centroid
POS	2005-05-02	2106	1	UM				40.215397	-123.821713	H 03S 03E 10	Quarter-section centroid
NEG	2005-06-10	2343	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
NEG	2005-07-13	0140	0					40.219092	-123.826624	H 03S 03E 10	Section centroid
NEG	2006-02-09	1745-1755	0					40.192130	-123.837130	H 03S 03E 21	Contributor
NEG	2006-02-09	1815-1825	0					40.193507	-123.828720	H 03S 03E 22	Contributor
NEG	2006-02-09	1715-1725	0					40.197686	-123.833540	H 03S 03E 15	Contributor
NEG	2006-02-09	1830-1840	0					40.195670	-123.827340	H 03S 03E 22	Contributor
NEG	2006-02-09	1800-1810	0					40.191671	-123.831460	H 03S 03E 22	Contributor
NEG	2006-02-09	1730-1740	0					40.195441	-123.835710	H 03S 03E 21	Contributor
NEG	2006-02-09	1700-1710	0					40.198309	-123.832730	H 03S 03E 15	Contributor
NEG	2006-03-22	1730-1740	0					40.191671	-123.831460	H 03S 03E 22	Contributor

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2006-03-22	1700-1710	0					40.195670	-123.827340	H 03S 03E 22	Contributor
NEG	2006-03-22	1745-1755	0					40.192130	-123.837130	H 03S 03E 21	Contributor
NEG	2006-03-22	1800-1810	0					40.195441	-123.835710	H 03S 03E 21	Contributor
NEG	2006-03-22	1815-1825	0					40.197686	-123.833540	H 03S 03E 15	Contributor
NEG	2006-03-22	1715-1725	0					40.193507	-123.828720	H 03S 03E 22	Contributor
NEG	2006-03-22	1830-1840	0					40.198309	-123.832730	H 03S 03E 15	Contributor
NEG	2006-05-17	2030-2040	0					40.197686	-123.833540	H 03S 03E 15	Contributor
NEG	2006-05-17	2100-2110	0					40.192130	-123.837130	H 03S 03E 21	Contributor
NEG	2006-05-17	2045-2055	0					40.195441	-123.835710	H 03S 03E 21	Contributor
NEG	2006-05-17	2145-2155	0					40.195670	-123.827340	H 03S 03E 22	Contributor
NEG	2006-05-17	2115-2125	0					40.191671	-123.831460	H 03S 03E 22	Contributor
NEG	2006-05-17	2130-2140	0					40.193507	-123.828720	H 03S 03E 22	Contributor
NEG	2006-05-17	2015-2025	0					40.198309	-123.832730	H 03S 03E 15	Contributor
NEG	2017-02-12	1625-1635	0					40.215688	-123.833267	H 03S 03E 10	Contributor
Masterowl: HUM0529 Subspecies: NORTHERN											
POS	1992-06-06		1	UU				40.170630	-123.866152	H 03S 03E 29	Half-section centroid
POS	1992-06-26		1	UU				40.170496	-123.870790	H 03S 03E 29	Quarter-section centroid

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
POS	1992-07-03		2	UMUF	Y			40.168665	-123.865012	H 03S 03E 29	Contributor
POS	1992-07-20		1	UM				40.170630	-123.866152	H 03S 03E 29	Half-section centroid
POS	1994-04-06	1900	2	UMUF	Y	Y		40.177569	-123.869447	H 03S 03E 29	Quarter-section centroid
POS	1995-05-25	0600	1	AM				40.177569	-123.869447	H 03S 03E 29	Quarter-section centroid
NEG	1995-07-25	1600	0					40.177569	-123.869447	H 03S 03E 29	Quarter-section centroid
POS	2000-04-05	0104	1	UF				40.171012	-123.852311	H 03S 03E 28	Quarter-section centroid
POS	2000-04-06	1028	2	UMUF	Y			40.170496	-123.870790	H 03S 03E 29	Quarter-section centroid
POS	2000-04-13	2004	1	UM				40.177847	-123.859996	H 03S 03E 29	Quarter-section centroid
POS	2000-04-13	2100	1	UM				40.178373	-123.841116	H 03S 03E 28	Quarter-section centroid
POS	2000-04-26	2030	2	UMUF	Y			40.177847	-123.859996	H 03S 03E 29	Quarter-section centroid
POS	2000-04-26	2205	1	UF				40.178373	-123.841116	H 03S 03E 28	Quarter-section centroid
POS	2000-04-26	2139	1	UF				40.178373	-123.841116	H 03S 03E 28	Quarter-section centroid
POS	2000-05-02	2118	1	UU				40.171277	-123.843118	H 03S 03E 28	Quarter-section centroid
POS	2000-05-02	1939	2	UMUF	Y			40.170763	-123.861515	H 03S 03E 29	Quarter-section centroid
POS	2000-05-16	2126	1	UF				40.177847	-123.859996	H 03S 03E 29	Quarter-section centroid
POS	2000-07-01	1945	2	UMUF	Y			40.170763	-123.861515	H 03S 03E 29	Quarter-section centroid
POS	2001-03-17	1615	1	UM				40.177569	-123.869447	H 03S 03E 29	Quarter-section centroid

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2001-03-20		0					40.174747	-123.846732	H 03S 03E 28	Section centroid
POS	2001-04-04	2317	1	UM				40.178115	-123.850603	H 03S 03E 28	Quarter-section centroid
POS	2001-04-04	2240	1	UM				40.170763	-123.861515	H 03S 03E 29	Quarter-section centroid
POS	2001-04-04	2246	1	UM				40.178115	-123.850603	H 03S 03E 28	Quarter-section centroid
POS	2001-06-11	2257	1	UM				40.178115	-123.850603	H 03S 03E 28	Quarter-section centroid
POS	2001-06-11	2241	1	UM				40.178373	-123.841116	H 03S 03E 28	Quarter-section centroid
POS	2001-06-11	2241	1	UM				40.178373	-123.841116	H 03S 03E 28	Quarter-section centroid
AC	2001-06-28	2052	1	UM		Y	2	40.172797	-123.866708	H 03S 03E 29	Contributor
POS	2001-07-26		1	UF		Y	1	40.177569	-123.869447	H 03S 03E 29	Quarter-section centroid
NEG	2002-05-19		0					40.174203	-123.865423	H 03S 03E 29	Section centroid
POS	2002-06-22		1	UM				40.174203	123.865423	H 03S 03E 29	Section centroid
NEG	2002-06-29		0					40.174203	-123.865423	H 03S 03E 29	Section centroid
NEG	2002-07-06		0					40.174203	-123.865423	H 03S 03E 29	Section centroid
NEG	2017	2400	0					40.180600	-123.876557	H 03S 03E 30	Contributor
NEG	2017	2400	0					40.175141	-123.855181	H 03S 03E 28	Contributor
NEG	2017	2400	0					40.173251	-123.849296	H 03S 03E 28	Contributor
NEG	2017	2400	0					40.171345	-123.869686	H 03S 03E 29	Contributor

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2017	2400	0					40.172389	-123.877643	H 03S 03E 30	Contributor
NEG	2017	2400	0					40.181369	-123.848887	H 03S 03E 28	Contributor
NEG	2017-02-12	0215-0225	0					40.174611	-123.863021	H 03S 03E 29	Contributor
POS	2017-03-14	1700-1730	1	UM				40.172102	-123.865610	H 03S 03E 29	Contributor
POS	2017-05-02	2110-2130	1	UF	Y			40.171004	-123.865950	H 03S 03E 29	Contributor
POS	2017-05-02	2110-2130	1	UM	Y			40.170679	-123.861703	H 03S 03E 29	Contributor
POS	2017-05-03	0820-0840	1	UM				40.170594	-123.865356	H 03S 03E 29	Contributor
NEG	2018	2400	0					40.173251	-123.849296	H 03S 03E 28	Contributor
NEG	2018	2400	0					40.171345	-123.869686	H 03S 03E 29	Contributor
NEG	2018	2400	0					40.175141	-123.855181	H 03S 03E 28	Contributor
NEG	2018	2400	0					40.181369	-123.848887	H 03S 03E 28	Contributor
NEG	2018	2400	0					40.180600	-123.876557	H 03S 03E 30	Contributor
NEG	2018	2400	0					40.172389	-123.877643	H 03S 03E 30	Contributor
NEG	2018	2400	0					40.174611	-123.863021	H 03S 03E 29	Contributor
Masterowl: HUM1122 Subspecies: NORTHERN											
NEG	2017	2400	0					40.191620	-123.842773	H 03S 03E 21	Contributor
NEG	2017	2400	0					40.196471	-123.840325	H 03S 03E 16	Contributor

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2017	2400	0					40.193730	-123.847769	H 03S 03E 21	Contributor
NEG	2017	2400	0					40.187473	-123.848072	H 03S 03E 21	Contributor
NEG	2017	2400	0					40.182293	-123.842375	H 03S 03E 21	Contributor
NEG	2017	2400	0					40.189554	-123.841950	H 03S 03E 21	Contributor
NEG	2017	2400	0					40.185024	-123.846563	H 03S 03E 21	Contributor
NEG	2018	2400	0					40.191620	-123.842773	H 03S 03E 21	Contributor
NEG	2018	2400	0					40.187473	-123.848072	H 03S 03E 21	Contributor
NEG	2018	2400	0					40.193730	-123.847769	H 03S 03E 21	Contributor
NEG	2018	2400	0					40.182293	-123.842375	H 03S 03E 21	Contributor
NEG	2018-03-05	1943-1955	0					40.185024	-123.846563	H 03S 03E 21	Contributor
POS	2018-03-05	2012-2035	1	UU				40.189554	-123.841950	H 03S 03E 21	Contributor
NEG	2018-03-05	2130-2146	0					40.196471	-123.840325	H 03S 03E 16	Contributor
NEG	2018-03-06	2015-1715	0					40.185335	-123.844999	H 03S 03E 21	Half-section centroid
NEG	2018-04-19	2137-2149	0					40.185024	-123.846563	H 03S 03E 21	Contributor
NEG	2018-04-19	2029-2042	0					40.185487	-123.840864	H 03S 03E 21	Contributor
NEG	2018-04-19	2208-2222	0					40.189554	-123.841950	H 03S 03E 21	Contributor
NEG	2018-04-19	2234-2236	0					40.196471	-123.840325	H 03S 03E 16	Contributor

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
NEG	2018-05-24	2148-2200	0					40.189554	-123.841950	H 03S 03E 21	Contributor
NEG	2018-05-24	2210-2223	0					40.196471	-123.840325	H 03S 03E 16	Contributor
POS	2018-05-24	2105-2125	1	UU				40.186375	-123.840880	H 03S 03E 21	Contributor
NEG	2018-05-28	0640-0830	0					40.185428	-123.840283	H 03S 03E 21	Quarter-section centroid
NEG	2018-06-17	0048-0100	0					40.185487	-123.840864	H 03S 03E 21	Contributor
NEG	2018-06-17	2328-2340	0					40.196471	-123.840325	H 03S 03E 16	Contributor
NEG	2018-06-17	2350-0002	0					40.189554	-123.841950	H 03S 03E 21	Contributor
POS	2018-06-17	0015-0027	1	UU				40.185024	-123.846563	H 03S 03E 21	Contributor
AC	2018-06-20	0857	2	UMUF	Y			40.189424	-123.843452	H 03S 03E 21	Contributor
NEG	2018-07-02	0850-0928	0					40.188889	-123.845032	H 03S 03E 21	Section centroid
NEG	2018-07-12	2129-2139	0					40.189554	-123.841950	H 03S 03E 21	Contributor
NEG	2018-07-12	2352-0002	0					40.185024	-123.846563	H 03S 03E 21	Contributor
POS	2018-07-12	0029-0039	1	UU				40.185487	-123.840864	H 03S 03E 21	Contributor
POS	2018-07-12	2257-2312	2	UUUU				40.196471	-123.840325	H 03S 03E 16	Contributor
POS	2018-07-13	0651-0735	2	UMUF	Y			40.186196	-123.842815	H 03S 03E 21	Contributor
NEG	2018-07-17	0515-0615	0					40.185428	-123.840283	H 03S 03E 21	Quarter-section centroid
NEG	2018-07-22	2000-2051	0					40.188889	-123.845032	H 03S 03E 21	Section centroid

Type	Date	Time	#Adults	Age/Sex	Pair	Nest	#Young	Latitude DD NAD83	Longitude DD NAD83	MTRS	Coordinate Source
POS	2018-07-22	2134-2144	1	UM				40.185487	-123.840864	H 03S 03E 21	Contributor
NEG	2018-07-22	2108-2118	0					40.185024	-123.846563	H 03S 03E 21	Contributor
POS	2018-07-22	2151-2201	1	UM				40.189554	-123.841950	H 03S 03E 21	Contributor
POS	2018-07-22	2210-2220	1	UM				40.196471	-123.840325	H 03S 03E 16	Contributor
POS	2018-07-26	0750-0910	1	UM				40.187251	-123.842404	H 03S 03E 21	Contributor
POS	2018-08-05	0800-1000	1	UM				40.185948	-123.842141	H 03S 03E 21	Contributor
NEG	2018-08-08	0800-1015	0					40.185428	-123.840283	H 03S 03E 21	Quarter-section centroid
Additional surveys within the search area with no Spotted Owls detected											
NEG	2017	2400	0					40.197631	-123.851864	H 03S 03E 16	Contributor
NEG	2018	2400	0					40.197631	-123.851864	H 03S 03E 16	Contributor

California Water Boards

North Coast Regional Water Quality Control Board

March 16, 2018 WDID: 1B16418CHUM

Kevin Bourque
P.O. Box 610
Fortuna, CA 95540

Notice of Applicability, Waiver of Waste Discharge Requirements Order No. R1-2015-0023 for Humboldt County APN(s) 214-234-006-000 214-233-009-000

This letter serves as notification of enrollment under Order No. R1-2015-0023 *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* (Order). The North Coast Regional Water Quality Control Board (Regional Water Board) has received your initial fee required to enroll for coverage as a Tier 2 site under the Order. Your enrollment is effective as of February 15, 2016 (Effective Date). We have entered the information from your enrollment documents into the California Integrated Water Quality System (CIWQS), which is available at https://www.waterboards.ca.gov/water_issues/programs/ciwqs/. You have been assigned an identification number associated with your enrollment, WDID No. 1B16418CHUM. You must retain a copy of the Order, Notice of Intent (NOI), Monitoring and Reporting Program (MRP) and associated monitoring documentation at the enrolled site, and make them available to Regional Water Board staff on request.

You must complete and submit the reporting form portion of the MRP (Annual Report) to the Regional Water Board by March 31st of each year. The 2017 Annual Report is due by March 31, 2018. Effective January 26, 2018, the submission process for Annual Reports is now completely electronic. For those otherwise in compliance with the Order, submittal of the Annual Report within 30 days of the deadline (i.e. received by April 30, 2018) will not be considered an enforcement priority. We have created a fillable PDF form to streamline the annual reporting process. The form has been reduced to two pages and additional clarification has been added in sections that appeared to have caused confusion in previous versions. You must download and complete the fillable PDF form using Adobe Reader from the NCRWQCB website at:
https://www.waterboards.ca.gov/northcoast/CannabisAnnualReport.html.

If your enrollment Effective Date was prior to July 1, 2017, you should have already received an invoice from the State Water Resources Control Board regarding your annual fee due. If this is the case and you have not yet received an invoice, you should contact staff in the Regional Water Board Cannabis Unit at (707) 576-2676 or NorthCoast.Cannabis@waterboards.ca.gov. If your enrollment Effective Date is after June 30, 2017, you will not receive an invoice for an annual fee until Spring of 2019. Fees should only be submitted in response to an invoice and must be submitted to the State Water Resources Control Board. Any fee payments submitted directly to the Regional Water Board will be returned to the sender listed on the incoming envelope.

Per the Tier 2 requirements described in the Order you are required to have developed and begun implementing a water resource protection plan by August 13, 2016, 180 days after your Effective Date. You are responsible for ensuring compliance with the water resource protection plan and the Order. The water resource protection plan must include a monitoring element that provides for periodic inspection of the site and completion of a site-specific checklist to confirm placement and effectiveness of management measures, and to document progress on any plan elements subject to a time schedule.

If you anticipate restoration, remediation, or existing infrastructure upgrades in streams or wetlands identified on your property, you will need to submit a Surface Water Correction Workplan at least 60 days prior to the proposed work (Appendix D of the Order available at: https://www.waterboards.ca.gov/northcoast/water_issues/programs/cannabis/). No work shall be performed in streams or wetlands without prior authorization from the Regional Water Board. Please note, if you conduct activities in streams or wetlands on your property, you may need to obtain permits for your proposed work from additional federal, state, or local entities. For example, you many need to obtain a Clean Water Act section 404 permit from the Army Corps of Engineers for dredge and fill activities or a Lake and Streambed Alteration Agreement from the California Department of Fish and Wildlife for stream-related work. It is your responsibility to consult with the appropriate agencies and obtain all necessary permits prior to beginning any work.

Enrollees that propose to terminate coverage under the Order must submit a Notice of Termination (NOT) in writing (preferably via email to NorthCoast.Cannabis@waterboards.ca.gov). The NOT consists of a formal statement regarding the reason for requesting termination (i.e. cultivation is no longer occurring, the property is being sold, etc.), documentation that the site is in compliance with the Standard Conditions of the Order, including dated photographs and a written discussion. If the site is not meeting the Standard Conditions of the Order then the enrollment cannot be terminated. Regional Water Board staff will review the NOT for completeness before determining if a property inspection, enrollment termination, or a request for additional information is appropriate. The Regional Water Board maintains its enforcement discretion after approval of a notice of termination.

All dischargers enrolled under Regional Water Board Order No. R1-2015-0023 as of October 17, 2017, (the adoption date of the Statewide Cannabis General Order No. WQ 2017-0023-DWQ) must apply for coverage under the Statewide Cannabis General Order by July 1, 2019, through the online enrollment portal (available at: https://public2.waterboards.ca.gov/cgo). Dischargers enrolled under the Regional Water Board Order may retain the reduced setbacks applicable under the Order for existing cultivation areas unless the Regional Water Board Executive Officer determines that the reduced setbacks are not protective of water quality. However, any new development or expansion to cannabis cultivation areas or other cannabis related activities must comply with the riparian setbacks in the Statewide General Order.

If there is a change in ownership or operation of the site, you must immediately notify the Regional Water Board and transfer into the Statewide Cannabis General Order. Notification of a change in ownership or operation of the site may be submitted to: NorthCoast.Cannabis@waterboards.ca.gov. In the notification please include the contact information for the new owner or operator, and provide documentation showing that the new owner or operator has been given notice of the existence of this Order.

Finally, be aware that enrollment under this or any other Water Board order does not in any way authorize, endorse, sanction, permit, or approve the cultivation, possession, use, sale, or other activities associated with cannabis. Enrollment under this Order does not preclude the need for permits that may be required by other governmental agencies, nor does it supersede any requirements, ordinances, or regulations of any other regulatory agency.

All monitoring report submissions and questions regarding compliance and enforcement should be directed to NorthCoast.Cannabis@waterboards.ca.gov or 707-576-2676.

Sincerely,

2018.03.16 15:00:53 PDT

FOR

Matthias St. John
Executive Officer

1B16418CHUM_Kevin_Bourque_TRC25_NOA_R1-2015-0023

HUMBOLDT COUNTY
PLANNING AND BUILDING DEPARTMENT
3015 H STREET, EUREKA, CA 95501 ~ PHONE (707) 445-7245

Kevin Bourque
P.O. Box 610

Fortuna, CA 95540

December 5, 2017

SUBJECT: Interim Permit for Existing Cannabis Cultivation

You are receiving this memo because your application for an existing commercial cannabis cultivation site meets the criteria for issuance of a Zoning Clearance Certificate for an Interim Permit. Your application is for existing cultivation and was deemed complete prior to July 14,2017. A review of the information shows that your cultivation site has not expanded.

Consistent with the County Commercial Medical Marijuana Land Use Ordinance, the county has completed an assessment of the existing cultivation area and this area is identified in the Zoning Clearance Certificate. It is important that you do not expand beyond the existing cultivation area identified. The Zoning Clearance Certificate for the Interim Permit allows you to continue cultivation operations and apply for a State license while the planning application is processed to decision. Enclosed is a copy of the Zoning Clearance Certificate and Compliance Agreement for your action.

YOUR ACTION IS REQUIRED
In order to validate the Interim Permit, you must sign the attached Compliance Agreement, AND provide a copy of the Interim Permit, Signed Compliance Agreement and Notary page to the Planning and Building Department. The INTERIM PERMIT IS NOT VALID UNTIL A FILE COPY OF EACH HAS BEEN RECEIVED BY THE PLANNING AND BUILDING DEPARTMENT. To enable the Department to be responsive to State Cannabis Licensing procedures, please ensure the Department receives your signed and notarized Interim Permit and Compliance Agreement before January 1, 2018.

Happy Holidays,

John H. Ford
Director of Planning and Building

Encl: Interim Permit with Exhibit A Compliance Agreement, including signature page
(NOTARY DOCUMENTATION CONFIRMING SIGNATURES IS REQUIRED)

HUMBOLDT COUNTY
PLANNING AND BUILDING DEPARTMENT
3015 H STREET, EUREKA, CA 95501 ~ PHONE (707) 445-7245

ZONING CLEARANCE CERTIFICATE FOR INTERIM PERMIT

Project: Pursuant to the Humboldt County Commercial Medical Marijuana Land Use Ordinance (CMMLUO), Section 314-55.4.1 et seq., specifically Section 314-55.4.8.11, a Zoning Clearance Certificate for an Interim Permit may be issued for an Existing Cannabis Cultivation and ancillary activities. An application has been submitted for the location and cultivation area shown below.

Project Location:

The project is located in Humboldt County, in the Phillipsville area, on the south and west side of US Highway 101, approximately 5 miles from the intersection of Bear Butte Road and Highway 101, on the property known to be in Section 29 of Township 02S, Range 03E, Humboldt Base & Meridian.

22,000 square feet of existing outdoor cultivation.

Present General Plan Designation: T **Present Zoning:** TPZ

Application Number: 10841

Key Parcel Number: 214-234-006-000

APPLICANT

Kevin Bourque
P.O. Box 610
Fortuna CA 95540

OWNER

Bear Butte Holdings LLC
10 Chameleon Ct
The Hills TX 78738

AGENT

Green Road Consulting, Inc.
Kaylie Saxon
1650 Central Ave. Suite C
McKinleyville CA 95519

Pursuant to Humboldt County Code Section 314-55.4.8.11 a Zoning Clearance Certificate shall be approved for an Interim Permit when it is demonstrated that:

1. A permit application for existing commercial cannabis cultivation and ancillary activities was submitted and determined to be complete for processing on or before July 14, 2017.
2. Adequate evidence has been submitted demonstrating that a cultivation site existed on the site prior to January 1, 2016 and the Department independently reviewed the evidence of prior cultivation and determined the size of pre-existing cultivation area based upon aerial and satellite imagery, or other substantial evidence.
3. Approval of the Interim Permit is conditional and shall occur through issuance of the Zoning Clearance Certificate subject to a Compliance Agreement. The Compliance Agreement specifies restrictions, penalties, and commitments to complete the permit process and confines continued operations to the existing areas only.
4. Violation of the Compliance Agreement shall be grounds for permit cancellation and disqualification of the property from future permitting.
5. The interim permit authorizes the permittee to seek state licensure and continue operations until completion of the local permit review process or denial of a County permit, or July 1, 2018, whichever occurs first. The Director may extend this deadline for cause.
6. Issuance of an Interim Permit does not obligate the County to any future action. An action to cancel the permit or disqualify the property from future permitting shall be decided by the Planning Commission at a noticed public hearing. Those decisions may be appealed to the Board of Supervisors pursuant to the appeal procedures outlined under Section 312-13 of the Humboldt County Code.

Determination

It is the Determination of the Planning Director that all provisions of the ordinance allowing issuance of an Interim Permit have been satisfied and a Zoning Clearance Certificate is approved subject to the requirements contained in the attached Compliance Agreement (Exhibit A.)

Issued By:

John H. Ford
Director, Planning and Building Department

Effective Date: 15 December 2017

COMPLIANCE WITH APPLICABLE STATE AND LOCAL SUBDIVISION LAWS, REGULATIONS, AND REQUIREMENTS HAS NOT BEEN REVIEWED AS PART OF THIS CERTIFICATE. ISSUANCE OF THIS ZONING CLEARANCE CERTIFICATE FOR AN INTERIM PERMIT DOES NOT CONSTITUTE CONFIRMATION OF LEGAL PARCEL STATUS.

THIS INTERIM PERMIT IS ONLY VALID IF IT IS ACCOMPANIED BY A SIGNED AND NOTARIZED EXHIBIT A COMPLIANCE AGREEMENT THAT IS CONFIRMED TO BE ON FILE AT THE COUNTY OF HUMBOLDT PLANNING AND BUILDING DEPARTMENT.

EXHIBIT A

CANNABIS COMPLIANCE AGREEMENT FOR A
ZONING CLEARANCE CERTIFICATE FOR INTERIM PERMIT

This Agreement is entered into by and between the County of Humboldt, through its Planning and Building Department, ("County"), and the "Applicant" and "Owner listed in the Zoning Clearance Certificate for Interim Permit, regarding property represented by the parcel number(s) listed in the Zoning Clearance Certificate for Interim Permit.

RECITALS

WHEREAS, on November 14, 2017, the Board of Supervisors of Humboldt County amended Humboldt County Code ("HCC") Section 314-55.4.8 to add sub-section 314-55.4.8.11 to allow issuance of Zoning Clearance Certificates for Interim Permits to eligible applicants; and

WHEREAS, an eligible Applicant is a person, pursuant to HCC 314-55.4.7, who submitted an application for existing commercial cannabis cultivation activities, provided adequate evidence demonstrating that a commercial cannabis cultivation site existed prior to January 1, 2016, on the real property as described in the attached Zoning Clearance Certificate For Interim Permit, and whose application was deemed complete for processing pursuant to HCC Sections 312-2.3.3 or 312-6.1.2, on or before July 14, 2017; and

WHEREAS, existing commercial cultivation activities pursuant to HCC Section 314-55.4.8.2.2 include: outdoor or mixed-light commercial cannabis cultivation in existence prior to January 1, 2016 in zoning districts AE (no parcel size limitation), RA (on parcels of five acres or larger), and AG, FP, DF, FR, U, and TPZ (on parcels of one acre or larger); and

WHEREAS the Applicant and Owner filed an "Application" for a Zoning Clearance Certificate, Special Permit and/or a Use Permit pursuant HCC Sections 312-2.2 and 312-5.2.1 for existing commercial medical cannabis cultivation; and

WHEREAS, the County has reviewed the evidence provided with the Application, and has determined existing commercial cultivation activities on the real property represented by the parcel number(s) listed in the Zoning Clearance Certificate for Interim Permit consisting of outdoor and/or mixed light commercial cultivation, hereafter Existing Commercial Cannabis Cultivation ("ECCC"); and

WHEREAS, the County is utilizing this Compliance Agreement ("Agreement") to allow the Applicant and Owner to complete the remainder of the permit process in a timely manner and continue operation of the ECCC while applying for a license from the State of California to cultivate cannabis; and

WHEREAS, pursuant to the authority provided in HCC Section 314-55.4.8.11, County will issue the Zoning Clearance Certificate for an Interim Permit on the real property for the ECCC and, in exchange, Applicant and Owner will in good faith complete the Application on or before July 1, 2018; and

WHEREAS, the Zoning Clearance Certificate for an Interim Permit authorizes the Applicant to seek State licensure and continue operations of the ECCC until the completion of the process for issuance of the Zoning Clearance Certificate, Special Permit, or Use Permit; denial of the certificate or permit; or July 1, 2018, whichever occurs first; and

NOW, THEREFORE, in consideration of the faithful performance of the terms, conditions, and promises set forth in this Agreement, the Parties agree as follows:

1. Subdivision Map Act and Humboldt County Subdivision Regulations. The Applicant and Owner acknowledge this Zoning Clearance Certificate for an Interim Permit is issued without a legal determination having been made as to the number, size, shape of, or legal status of the parcel(s) that may be encompassed within the real property represented by the parcel number(s) listed in the Zoning Clearance Certificate for Interim Permit. Furthermore, the Applicant and Owner hereby acknowledge issuance of this Zoning Clearance Certificate for an Interim Permit does not entitle the Applicant, Owner, or their Successors in Interest to an unconditional certificate of subdivision compliance pursuant to Government Code Sections 66499.34 (b) or 66499.35(c).

2. Development Suitability. The Property Owner and Applicant hereby acknowledge the issuance of this Zoning Clearance Certificate for an Interim Permit is for existing cannabis cultivation purposes only, and does not authorize or grant any approval for development or improvement of the property. The real property subject to this Zoning Clearance Certificate for an Interim Permit has not been evaluated for suitability for development in accordance with existing or future regulations.

3. Taxation. The Property Owner and Applicant hereby acknowledge upon the date of issuance of this Zoning Clearance Certificate for an Interim Permit allowing outdoor and/or mixed light of ECCC shall be subject to taxation pursuant Humboldt County Code Sections 719.1 – 719.15

4. Track and Trace. The Applicant and Owner shall participate in the Medical Cannabis Track and Trace Program administered by the Humboldt County Agricultural Commissioner.

5. Violations. The Applicant and Owner hereby acknowledge that the Zoning Clearance Certificate for an Interim Permit does not allow or authorize expansion or relocation of the ECCC area, either in part or in its entirety. The Applicant and Owner hereby acknowledge and understand that expansion or relocation of ECCC area is in violation of this Agreement, and shall result in the revocation of the Zoning Clearance Certificate for an Interim Permit by the Director. The Director's decision to revoke the Zoning Clearance Certificate for an Interim Permit is not subject to appeal. In addition to the revocation of this Zoning Clearance Certificate for an Interim Permit, the revocation action will include the denial or withdrawal of the Zoning Clearance Certificate, Special Permit or Conditional Use Permit application for the existing cultivation.

6. Additional Information. The County reserves the right to request that the Applicant and Owner submit additional information as needed to find the Application in conformance with the Humboldt County Zoning Regulations and, if applicable, the terms and conditions of any previously approved development permit, variance, or subdivision [Reference HCC Sections 312-2.4.1, 312-17.1, and 312-17.3.]

7. Issuance of Permit. The Parties agree that the issuance of the Zoning Clearance Certificate for an Interim Permit is being made solely upon the representations by the Owner and Applicant and as stated on the Zoning Clearance Certificate. The Parties acknowledge that the issuance of the Zoning Clearance Certificate for an Interim Permit does not assure or guarantee that the Zoning Clearance Certificate, Special Permit, or Use Permit will be approved or issued. The Parties acknowledge that the Zoning Clearance Certificate, Special Permit, or Use Permit may be subject to additional conditions and mitigations to comply with HCC Section 314-61.1 and provisions of the California Environmental Quality Act (CEQA). The Parties acknowledge the issuance of the Zoning Clearance Certificate for Interim Permit is in no way intended to limit or restrict the application of these regulations.

8. Consent to Inspection. Owner and Applicant consent to all inspections of the property as needed, at any time during business hours from Monday to Friday, while this Agreement is in effect, by the Division of Environmental Health or Planning and Building Department, and any other agencies or departments that may need to inspect the property to determine that the terms of this Agreement are being fulfilled.

9. Time Limit to Complete the Application. The Parties agree that the Applicant will complete the Application at the earliest feasible date, but no later than July 1, 2018. The time to complete the Application may only be extended by the Director or Planning and Building for cause beyond the control of the applicant upon the written request by Owner/Applicant.

10. Waiver. The failure of the County to proceed against the Property Owners in an enforcement action, whether administrative, civil or criminal, for any violation of the applicable ordinance, this Agreement and/or state or local law or regulation shall not constitute or be deemed a waiver of the County's right to proceed against Owner and/or Applicant for any subsequent violation. Nothing in this Agreement shall limit in any manner the authority of the County to apply and/or enforce any provisions of the County's code or state law or regulation to the Owner and Applicant and activities occurring on the property.

11. Notices. All notices required by this Agreement shall be sent, at a minimum, via first class United States Mail with postage prepared to the Parties as follows:

To County:
Director, Planning and Building Department
3015 H Street
Eureka, CA 95501

To Property Owners:
As listed in County of Humboldt property tax records.

To Applicant:
As listed on Zoning Clearance Certificate for Interim Permit.

Notices shall be deemed served upon deposit in the United States mail. The Owner and Applicant shall notify the County in writing of any changes in address.

12. Indemnification. Owner and Applicant shall indemnify, defend and hold harmless the County, its officers, agents and employees from and against any and all claims or suits for damages or injury arising from the issuance of a Zoning Clearance Certificate for an Interim Permit for the subject property in the compliance with or failure to abide by the Zoning Clearance Certificate for an Interim Permit or the terms of this Agreement, and against and from all costs, attorney's fees, expenses and liabilities related to any claim or any action or proceeding brought within the scope of this indemnification.

13. Binding on Successors. This Agreement is binding on the heirs, successors and assigns of the Parties. In the event of a permit transfer, a new compliance agreement must be executed. In the event of property transfer, the Seller and Applicant have an affirmative duty to inform the Buyer of this Compliance Agreement. Seller and Applicant must also provide written proof of Buyer notification to the County.

14. Amendment. This Agreement may be amended, modified or changed by the Parties provided that said amendment, modification or change is in writing and approved by all Parties.

15. Severability. If any term, provision, promise or condition of this Agreement is held by a court with jurisdiction to decide on the matter to be invalid, void or unenforceable, the remaining provisions of this Agreement shall continue in full force and effect, unless the rights and obligations of the parties have been materially altered or abridged by such invalidation, voiding or unenforceability.

16. Jurisdiction and Venue. This Agreement shall be construed in accordance with the laws of the State of California. Any dispute arising hereunder, or relating hereto, shall be litigated in the State of California and venue shall lie in the County of Humboldt unless transferred by court order pursuant to California Code of Civil Procedure Sections 394 or 395.

This Agreement is entered into between the Parties as of the day and year first written above.

TWO SIGNATURES ARE REQUIRED FOR CORPORATIONS:
(1) CHAIRPERSON OF THE BOARD, PRESIDENT, OR VICE PRESIDENT; AND
(2) SECRETARY, ASSISTANT SECRETARY, CHIEF FINANCIAL OFFICER OR TREASURER.

County

John H. Ford, Director
Planning and Building Department
County of Humboldt

IF SIGNING ON BEHALF OF A CORPORATION, PROVIDE TITLE / CAPACITY

Property Owner(s) BEAR BUTTE HOLDINGS LLC

KEVIN BOURQUE
Sign above. Print name here:

LEGALLY APPOINTED REP
Capacity / Title:

Sign above. Print name here:

Capacity / Title:

Applicant(s) (IF DIFFERENT FROM PROPERTY OWNERS)
~~ONE DROP CULTIVATORS~~ YEN ENTERPRISES

KEVIN BOURQUE
Sign above. Print name here:

OWNER
Capacity / Title:

Sign above. Print name here:

Capacity / Title:

Attach Separate Notary Acknowledgements

CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
COUNTY OF HUMBOLDT)

On this 5 day of January 20 18, before me, Kristina Culbertson Public Notary,
personally appeared Kevin Bourque
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

Witness my hand and official seal.

Kristina Culbertson (seal)
Signature

KRISTINA CULBERTSON
COMM. #2125784
NOTARY PUBLIC • CALIFORNIA
HUMBOLDT COUNTY
My Comm. Expires Sept. 27, 2019

CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
COUNTY OF HUMBOLDT)

On this _____ day of _____ 20 ____, before me, _____ Public Notary,
personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

Witness my hand and official seal.

_____ (seal)
Signature

COUNTY OF HUMBOLDT
PLANNING AND BUILDING DEPARTMENT

3015 H Street • Eureka CA 95501
Phone: (707) 445-7541 • Fax: (707) 268-3792

12/21/2018

Green Road Consulting, Inc.
Kaylie Saxon
1650 Central Ave. Suite C
McKinleyville,CA 95519

Notice of Interim Permit Extension

Assessor Parcel Number: 214-234-006-000
Apps Number: PLN-10841-CUP

The 2018 Zoning Clearance Certificate (ZCC) for an Interim Permit for existing cannabis cultivation associated with your ongoing application under the Humboldt County Commercial Medical Marijuana Land Use Ordinance (CMMLUO) has been **approved for extension** and continuance through the 2019 calendar year.

The new expiration date for your Interim Permit is **December 31, 2019**. This extension includes the requirement to comply with all the terms of the existing ZCC. This includes, but is not limited to, remaining within the ZCC's square footage, cultivation type, and original cultivation location, enrolling in track and trace program, application for state licensing and paying associated taxes. Most importantly, it is vital that you take every possible action to get your regular permit application processed to decision and approval. Interim permits beyond 2019 will not be available under the current state cannabis regulations.

Sincerely,

John H. Ford, Director
Planning and Building Department

cdfa CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE

California Department of Food and Agriculture
1220 N Street
Sacramento, CA 95814

TEMPORARY CANNABIS CULTIVATION LICENSE

Legal Business Name:
Onedrop Agronomics, Inc.

Premises APN:
Humboldt County - 214-234-006

Premises Address:
n/a
Unincorporated, CA 95553

Valid:
10/30/2018 to 2/27/2019

License Number:
TAL18-0007331

License Type:
Temporary-Medium Mixed-Light Tier 1

---- NON-TRANSFERABLE ----

---- POST IN PUBLIC VIEW ----

Water Resource Protection Plan

APN 214-234-06

Submitted to:

California Regional Water Quality Control Board

North Coast Region

5550 Skylane Boulevard, Suite A

Santa Rosa, California 95403

Prepared by:

Timberland Resource Consultants

165 South Fortuna Blvd

Fortuna, CA 95540

07-16-2016

Purpose

This Water Resource Protection Plan (WRPP) has been prepared on behalf of the property owner, Kevin Bourque, by agreement and in response to the California Water Code Section 13260(a), which requires that any person discharging waste or proposing to discharge waste within any region that could affect the quality of the waters of the state, other than into a community sewer system, shall file with the appropriate regional water board a Report of Waste Discharge (ROWD) containing such information and data as may be required by the Regional Water Board. The Regional Water Board may waive the requirements of Water Code section 13260 for specific types of discharges if the waiver is consistent with the Basin Plan and in the public interest. Any waiver is conditional and may be terminated at any time. A waiver should include monitoring requirements to verify the adequacy and effectiveness of the waiver's conditions. Order R1-2015-0023 conditionally waives the requirement to file a ROWD for discharges and associated activities described in finding 4.

Scope of Report

Order No. R1-2015-0023 states that "Tier 2 Dischargers and Tier 3 Dischargers who intend to cultivate cannabis before, during, or following site cleanup activities shall develop and implement a water resource protection plan that contains the elements listed and addressed below. Dischargers must keep this plan on site, and produce it upon request by Regional Water Board staff. Management practices shall be properly designed and installed, and assessed periodically for effectiveness. If a management measure is found to be ineffective, the plan must be adapted and implemented to incorporate new or additional management practices to meet standard conditions. Dischargers shall certify annually to the Regional Water Board individually or through an approved third party program that the plan is being implemented and is effectively protecting water quality, and report on progress in implementing site improvements intended to bring the site into compliance with all conditions of this Order."

Methods

The methods used to develop this WRPP include both field and office components. The office component consisted of reviewing soil maps (California Cooperative Soil-Vegetation Survey), CGS Geomorphic Features Map (North Coast Watersheds Mapping, DMG CD 99-002, 1999). The field component included identifying and accurately mapping all watercourses, wet areas, and wetlands located downstream of the cultivation areas, associated facilities, and all appurtenant roads accessing such areas. An accurate location of the Waters of the State is necessary to make an assessment of whether potential and existing erosion sites/pollution sites have the potential to discharge waste to an area that could affect waters of the State (including groundwater). Next, all cultivation areas, associated facilities, and all appurtenant roads accessing such areas were assessed for discharges and related controllable water quality factors from the activities listed in Order R1-2015-0023, Finding 4a-j. The field assessment also included an evaluation and

determination of compliance with the Standard Conditions per Provision I.B of Order No. R1-2015-0023. The water resource protection plans required under Tier 2 are meant to describe the specific measures a discharger implements to achieve compliance with standard conditions. Therefore, all required components of the water resource protection plan per Provision I.B of Order No. R1-2015-0023 were physically inspected and evaluated. A comprehensive summary of each Standard Condition as it relates to the subject property is appended.

Methods (Cont.

Identified Sites Requiring Remediation

Unique Map Point(s)	Map Point Description	Associated Standard Condition	Temporary BMP	Permanent BMP	Treatment Priority	Time Schedule for completion of Permanent BMP	Completion Date
Road Pt. 01 GPS 905 N 40 11.383' W 123 49.640'	Secondary road	A.1.a.	N/A	Placement of rolling dip to convey surface drainage.	2	10/15/16	
Road Pt. 02 GPS 912 N 40 11.418' W 123 49.541'	Main Road	A.1.a.	N/A	Placement of rolling dip to convey surface drainage.	2	10/15/16	
Cultivation Site to Road Site #3 GPS 873 and 922 N 40 11.403' W 123 49.583 N 40 11.421' W 123 49.530	Cultivation Site to Road Site #3	A.1.a	N/A	Reshape and application of surface rock along 150' of access road	2	10/15/16	

Road Pt. 03 GPS 922 N 40 11.421' W 123 49.530	Main Road	A.1.a.	N/A	Placement of rolling dip to convey surface drainage.	2	10/15/16	
Road Pt 04. GPS 913-914 N 40 11.387 W 123 49.502 N 40 11.377 W123 49.505	Main Road	A.1.a.	N/A	Saturated and muddy road conditions during winter months. Application of 6" of surface rock for approximately 70'.	2	10/15/16	
Road Pt. 05 GPS 915 N 40 11.347 W 123 49.503	Main Road	A.1.a.	N/A	Placement of rolling dip to convey surface drainage.	2	10/15/16	
Road Pt. 07 GPS 919 N 40 11.144' W 123 49.449'	Main Road	A.2.a.	N/A	Placement of an 18"-20' ditch relief culvert prior to drainage channel to ensure hydrological disconnection	2	10/15/16	
Erosion Site #1 GPS 884-887,889, 901,905 & 934 N 40 11.360' W 123 49.548' N 40 11.391' W 123 49.559'	Sloped Bank surrounding the cultivation area	A.1.a	N/A	Application of appropriate erosion control seed prior to the first one inch precipitation event is required to reestablish vegetation cover on approximately .5 acres. Burning of slash pile and reseeding of location.	2	10/15/16	
Erosion Site #2 GPS 884-887 N 40 11.360' W 123 49.548' N 40 11.358' W 123 49.586'	Ditch drainage culvert	A.2.a	N/A	Armoring of 12"-40' culvert on the inlet and outlet headwall.	2	10/15/16	

GPS 802-Multiple N 40 11.386 W 123 49.614	Greenhouses	A.6.a	N/A	Convert from a hand watering to drip irrigation system	4	10/15/2020	
GPS 908 N 40 11.415 W 123 49.600'	Storage/Spoils Facility	A.4.a	N/A	Construction of permanent infrastructure to adequately store soil, organic fertilizer and petroleum based products	3	10/15/2020	
Port a Potty GPS 905 N 40 11.383' W 123 49.640'	Human Waste	A.11.a	N/A	Relocation of bathroom facilities away from seasonal channel during the winter months	2	10/15/16	
Secondary Road GPS 905 N 40 11.383' W 123 49.640'	Refuse	A.11.a	N/A	Removal of cultivation related refuse to prevent from entering watercourses	3		

Coordinates associated with sites UTM 10 NAD 83

Treat Priority: The time frame for treatment of each specific site.

(1) Indicates a very high priority with treatment being planned to occur immediately.

(2) Indicates a high priority site with treatment to occur prior to the start of the winter period (Nov. 15).

(3) Indicates a moderate priority with treatment being planned to occur within a year 1, or prior to the winter period (Nov. 15) of the 2nd season of operations.

(4) Indicates a low priority with treatment being planned to occur in the shortest time possible, but no later than the expiration of this Order (five years).

Identified Sites Not Requiring Mitigation

Site	Description	Planned Monitoring

Monitoring Plan

Tier 2 Dischargers shall include a monitoring element in the water resource protection plan that at a minimum provides for periodic inspection of the site, checklist to confirm placement and efficacy of management measures, and document progress on any plan elements subject to a time schedule. Tier 2 Dischargers shall submit an annual report (Appendix C) by March 31 of each year that documents implementation and effectiveness of management measures during the previous year. Tier 2 annual reporting is a function that may be provided through an approved third party program.

Monitoring of the site includes visual inspection and photographic documentation of each feature of interest listed on the site map, with new photographic documentation recorded with any notable changes to the feature of interest. At a minimum, all site features must be monitored annually, to provide the basis for completion of the annual re-certification process. Additionally, sites shall be monitored at the following times to ensure timely identification of changed site conditions and to determine whether implementation of additional management measures is necessary to iteratively prevent, minimize, and mitigate discharges of waste to surface water: 1) just prior to October 15 to evaluate site preparedness for storm events and storm water runoff, 2) following the accumulation of 3" total precipitation or by November 15, whichever is sooner, and 3) following any rainfall event with an intensity of 3" precipitation in 24 hours. Precipitation data can be obtained from the National Weather Service Forecast Office (e.g. by entering the zip code of the parcel location at http://www.srh.noaa.gov/forecast)

Inspection Personnel Contact Information:

Todd Golder

Timberland Resource Consultants

165 South Fortuna Blvd, Fortuna CA 95540

707-601-7014

Monitoring Plan Reporting Requirements

Order No. R1-2015-0023, Appendix C must be submitted to the Regional Water Board or approved third party program upon initial enrollment in the Order (NOI) and annually thereafter by March 31. Forms submitted to the Regional Water Board shall be submitted electronically to northcoast@waterboards.ca.gov. If electronic submission is infeasible, hard copies can be submitted to: North Coast Regional Water Quality Control Board, 5550 Skylane Boulevard, Suite A, Santa Rosa, CA 95403.

Water Resource Protection Plan

Assessment of Standard Conditions

APN 214-234-06

Assessment of Standard Conditions consisted of field examinations in the summer of 2016. The examination evaluated areas near, and areas with the potential to directly impact, watercourses for sensitive conditions including, but not limited to, existing and proposed roads, skid trails and landings, unstable and erodible watercourse banks, unstable upslope areas, debris, jam potential, inadequate flow capacity, changeable channels, overflow channels, flood prone areas, and riparian zones. Field examinations also evaluated all roads and trails on the property, developed areas, cultivation sites, and any structures and facilities appurtenant to cultivation on the property. Anywhere the Standard Conditions are not met on the property, descriptions of the assessments and the prescribed treatments are outlined following each associated section below.

Summary of Standard Conditions Compliance

1. Site maintenance, erosion control, and drainage features Y☐/N☒
2. Stream crossing maintenance Y☐/N☒
3. Riparian and wetland protection and management Y☒/N☐
4. Spoils management Y☐/N☒
5. Water storage and use Y☒/N☐
6. Irrigation runoff Y☒/N☐
7. Fertilizers and soil amendments Y☒/N☐
8. Pesticides and herbicides? Y☒/N☐
9. Petroleum products and other chemicals Y☒/N☐
10. Cultivation-related wastes Y☒/N☐
11. Refuse and human waste Y☐/N☒

A. Standard Conditions, Applicable to all Dischargers

1. Site maintenance, erosion control and drainage features

Roads shall be maintained as appropriate (with adequate surfacing and drainage features) to avoid developing surface ruts, gullies, or surface erosion that results in sediment delivery to surface waters.

Roads, driveways, trails, and other defined corridors for foot or vehicle traffic of any kind shall have adequate ditch relief drains or rolling dips and/or other measures to prevent or minimize erosion along the flow paths and at their respective outlets

Road Site #1: GPS 905

Runoff associated with road surface and adjacent ground disturbance is encouraging rill formation and sediment delivering down slope.

Placement of rolling dip to convey water off of road surface

Road Site #2: GPS 873,912

Precipitation runoff and vehicular traffic resulting in chronic surface erosion and subsequent uneven/confined road surface. Sediment not entering watercourse. Reshape and application of 6" surface rock on 150' from cultivation area to Road Site #3

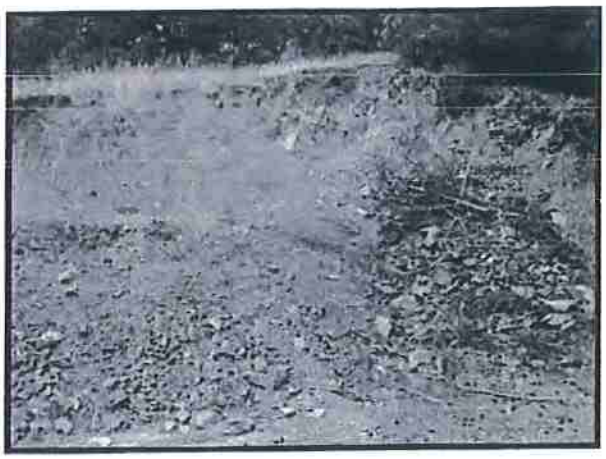
Road Site #3: GPS 922
Beginning of rill formation from surface runoff.

Placement of rolling dip to convey water off of road

Road Site #4:GPS 913-914
Surface runoff accumulates along road segment causing saturated and muddy conditions during winter months. Outlets at this point, evidence of significant sediment dispersal on outboard road side.

Application of 6" of surface rock for approximately 70'.

Road Site #5:GPS 915
Placement of one (1) rolling dip to convey water away from road surface.



Quarry Location:GPS 916
Potential surface rock source for road improvement activities.

Seasonal Pond Location- GPS 918
Located on the west side of the main access road. Pond fills during winter months, but draws down during late spring. No sediment delivery from inventoried road occurring.

Roads and other features shall be maintained so that surface runoff drains away from potentially unstable slopes or earthen fills. Where road runoff cannot be drained away from an unstable feature, an engineered structure or system shall be installed to ensure that surface flows will not cause slope failure.

Roads, clearings, fill prisms, and terraced areas (cleared/developed areas with the potential for sediment erosion and transport) shall be maintained so that they are not hydrologically connected[1], as feasible, from surface waters, including wetlands, ephemeral, intermittent and perennial streams.

Connected roads are road segments that deliver road surface runoff, via the ditch or road surface, to a stream crossing or to a connected drain that occurs within the high delivery potential portion of the active road network. A connected drain is defined as any cross-drain culvert, water bar, rolling dip, or ditch-out that appears to deliver runoff to a defined channel. A drain is considered connected if there is evidence of surface flow connection from the road to a defined channel or if the outlet has eroded a channel that extends from the road to a defined channel. (http://www.forestsandfish.com/documents/Road_Mgmt_Survey.pdf)

Due to the steepness of surrounding slopes, rill *formation is expected during the next* precipitation season (GPS 884-887,889, 901,905 & 934).

Application of appropriate erosion control seed prior to the first one inch precipitation event is required to reestablish vegetation cover. A native/introduced perennial seed mix consisting of Regreen, California broom, Blue wild rye, Orchard grass and subclover is recommended. Seed mix with appropriate pounds per acre can be developed upon request.

Ditch relief drains, rolling dip outlets, and road pad or terrace surfaces shall be maintained to promote infiltration/dispersal of outflows and have no apparent erosion or evidence of soil transport to receiving waters.

During the clearing and shaping of the area, a ditch was excavated on the west side of the cultivation area to drain water that ponds during precipitation events. A 12"-40' HDPE pipe was placed to drain rainwater towards the north side of property. Neither the inlet or outlet of culvert have been rocked. Along with the reseeding of the

slope, rip rap application will occur prior to the precipitation season to ensure protection of headwall.

Stockpiled construction materials are stored in a location and manner so as to prevent their transport to receiving waters.

Stockpile of greenhouse construction material (GPS 905) including plastic, metal and wood along lower access road on the outboard side. Material could eventually transport to nearby water course.

All erosion related sites shall be monitored prior to and following prescribed treatments.

2. Stream Crossing Maintenance

Culverts and stream crossings shall be sized to pass the expected 100-year peak streamflow.

Culverts and stream crossings shall be designed and maintained to address debris associated with the expected 100-year peak streamflow.

Culverts and stream crossings shall allow passage of all life stages of fish on fish-bearing or restorable streams, and allow passage of aquatic organisms on perennial or intermittent streams.

Stream crossings shall be maintained so as to prevent or minimize erosion from exposed surfaces adjacent to, and in the channel and on the banks.

Culverts shall align with the stream grade and natural stream channel at the inlet and outlet where feasible.[2]

Stream crossings shall be maintained so as to prevent stream diversion in the event that the culvert/crossing is plugged, and critical dips shall be employed with all crossing installations where feasible.[3]

[2] At a minimum, the culvert shall be aligned at the inlet. If infeasible to align the culvert outlet with the stream grade or channel, outlet armoring or equivalently effective means may be applied.

[3] If infeasible to install a critical dip, an alternative solution may be chosen.

Road Site #6:GPS 917

Existing rocked ford on well armored road functioning appropriately. No treatment necessary.

Road Site #7:GPS 919

Existing 18"-20' CMP culvert draining both a seasonal channel and inboard ditch. Culvert appropriately sized for 100 year storm event.

According to California Board of Forestry and Fire Protection 2013 Road Rules and Technical Addendum No. 5- Guidance on Hydrological Disconnection, road drainage, minimization of diversion potential and high risk crossings policy 14CCR923.5(a)-(i)[943.5(a)-(i),963.5(a)-(i), the inboard ditch hydrology must be dispersed prior to entering seasonal drainage. Placement of 18"-20' culvert upslope to separate out the drainage systems.

Road Site #8:GPS 921

Existing rocked ford on well armored road functioning appropriately. No treatment necessary.

3. Riparian and Wetland Protection and Management

For Tier 1 Dischargers, cultivation areas or associated facilities shall not be located within 200 feet of surface waters. While 200 foot buffers are preferred for Tier 2 sites, at a minimum, cultivation areas and associated facilities shall not be located or occur within 100 feet of any Class I or II watercourse or within 50 feet of any Class III watercourse or wetlands. The Regional Water Board for Tier 1 Dischargers, cultivation areas or associated facilities shall not be located within 200 feet of surface waters. While 200 foot buffers are preferred for Tier 2 sites, at minimum, cultivation areas and associated facilities shall not be located or occur within 100 feet of any Class I or II watercourse or within 50 feet of any Class III watercourse or wetlands. The Regional Water Board or its or its Executive Officer may apply additional or alternative[4] conditions on enrollment, including site-specific riparian buffers and other BMPs beyond those identified in water resource protection plans to ensure water quality protection.

[4] Alternative site-specific riparian buffers that are equally protective of water quality may be necessary to accommodate existing permanent structures or other types of structures that cannot be relocated.

Buffers shall be maintained at natural slope with native vegetation.

Buffers shall be of sufficient width to filter wastes from runoff discharging from production lands and associated facilities to all wetlands, streams, drainage ditches, or other conveyances. Riparian and wetland areas shall be protected in a manner that maintains their essential functions, including temperature and microclimate control, filtration of sediment and other pollutants, nutrient cycling, woody debris recruitment, groundwater recharge, streambank stabilization, and flood peak attenuation and flood water storage.

This standard condition is being met at this time.

4. Spoils Management

Spoils[5] shall not be stored or placed in or where they can enter any surface water.

Spoils shall be adequately contained or stabilized to prevent sediment delivery to surface waters.

Spoils generated through development or maintenance of roads, driveways, earthen fill pads, or other cleared or filled areas shall not be sidecast in any location where they can enter or be transported to surface waters.

The intent is to recycle the soil in the short term with the long term plan to construct a metal frame structure to store the cultivation spoils. Photo shows the general proximity of the structure (GPS 883).

Slash material generated from cleared area stored on the side slope will be burned and reseeded in the fall.

[5] Spoils are waste earthen or organic materials generated through grading or excavation, or waste plant growth media or soil amendments. Spoils include but are not limited to soils, slash, bark, sawdust, potting soils, rock, and fertilizers.

5. Water Storage and Use

Size and scope of an operation shall be such that the amount of water used shall not adversely impact water quality and/or beneficial uses, including and in consideration with other water use by operations, instream flow requirements and/or needs in the watershed, defined at the scale of a HUC-12[6] watershed or at a smaller hydrologic watershed as determined necessary by the Regional Water Board Executive Officer.

Water conservation measures shall be implemented. Examples include use of rainwater catchment systems or watering plants with a drip irrigation system rather than with a hose or sprinkler system.

For Tier 2 Dischargers, if possible, develop off-stream storage facilities to minimize surface water diversion during low flow periods.
Water is applied using no more than agronomic rates.[7]

Diversion and/or storage of water from a stream should be conducted pursuant to a valid water right and in compliance with reporting requirements under Water Code section 5101.
Water storage features, such as ponds, tanks, and other vessels shall be selected, sited, designed, and maintained so as to insure integrity and to prevent release into waters of the state in the event of a containment failure.

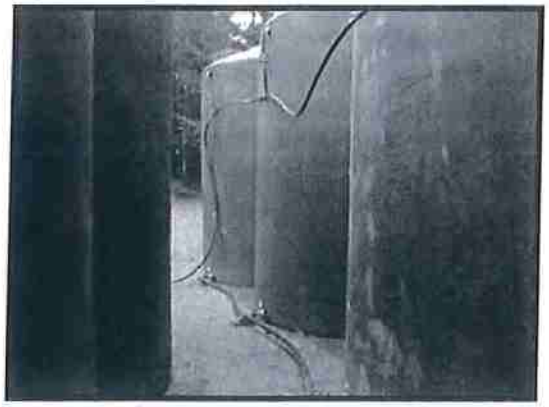
The landowner currently obtains water from an existing permitted agricultural well (GPS 815). The well is approximately 250' deep. Well is used for both domestic and agricultural purposes. The well does not have a water meter at this time, but the delivery pipe has a meter installed. The intent is to have water meter installed on the well.

Water is delivered to eight (8) 5000 gallon tanks (GPS 888) by a gas generator and conveyed by a 1" ADS Polyflex Potable Grade (IPS) pipe. From the storage tanks water can be directed two ways:

[6] See definition and link to maps at: http://water.usgs.gov/GIS/huc.html

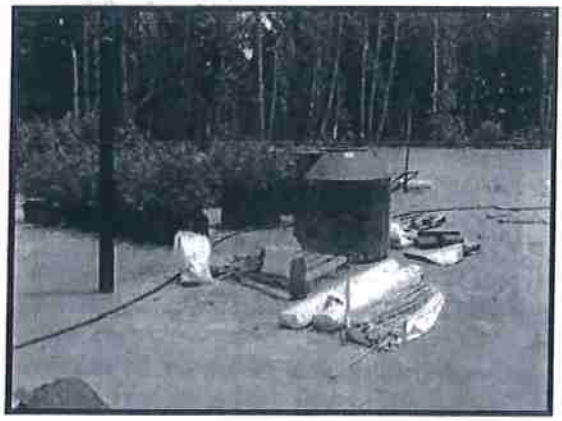
[7] "Agronomic rates" is defined as the rates of fertilizer and irrigation water that a plant needs to enhance soil productivity and provide the crop or forage growth with needed nutrients for optimum health and growth, without having any excess water or nutrient percolate beyond the root zone.

1) Water can be delivered directly to greenhouses with a 11/2" pipe which reduces to a 1" at the water meter.
2) Water can be directed from storage tanks to a 1500 gallon mixing tank (GPS 889)
In addition, a 305 gallon mixing tank (GPS 923) is located on flat near the greenhouses.



Eight (8) 5000 gallon storage tanks= 40,000 gallon storage

1500 gallon mixing tank



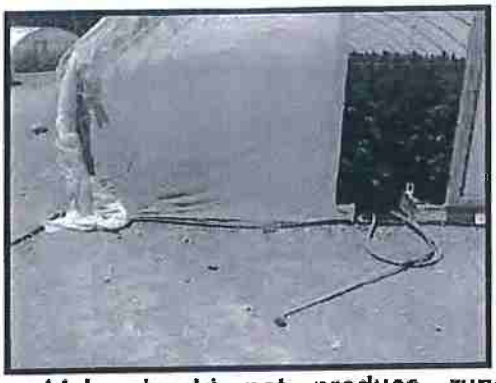
305 gallon mixing tank

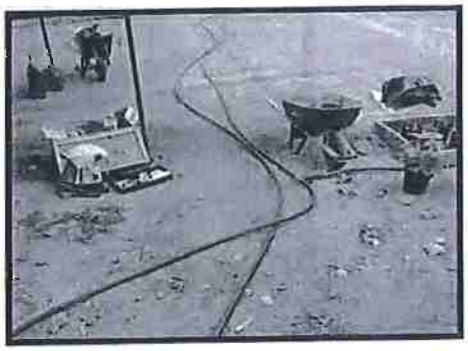
There are no surface water diversions occurring on the property. The tanks are in locations that they will not impact any waterbody if tanks were to fail.

Standard condition is being met at this time.

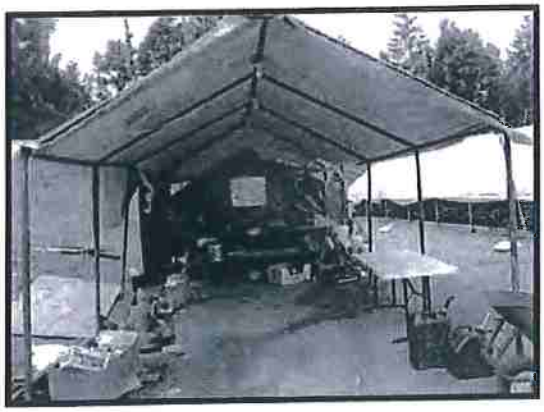
6. Irrigation Runoff

Implementing water conservation measures, irrigating at agronomic rates, applying fertilizers at agronomic rates and applying chemicals according to the label specifications, and maintaining stable soil and growth media should serve to minimize the amount of runoff and the concentration of chemicals in that water. In the event that irrigation runoff occurs, measures shall be in place to treat/control/contain the runoff to minimize the pollutant loads in the discharge. Irrigation runoff shall be managed so that any entrained constituents, such as fertilizers, fine sediment and suspended organic particles, and other oxygen consuming materials are not discharged to nearby watercourses. Management practices include, but are not limited to, modifications to irrigation systems that reuse tailwater by constructing off-stream retention basins, and active (pumping) and or passive (gravity) tailwater recapture/redistribution systems. Care shall be taken to ensure that irrigation tailwater is not discharged towards or impounded over unstable features or landslides.





The current irrigation system is hand handwatering. The long term goal is to implement a drip irrigation system within raised beds which should not produce runoff. Given the flat topography and distance to watercourse there should be no hydrological connectivity between irrigation and watercourse.



7. Fertilizers and Soil Amendments

Fertilizers, potting soils, compost, and other soils and soil amendments shall be stored in locations and in a manner in which they cannot enter or be transported into surface waters and such that nutrients or other pollutants cannot be leached into groundwater.

Fertilizers and soil amendments shall be applied and used per packaging instructions and/or at proper agronomic rates.

Cultivation areas shall be maintained so as to prevent nutrients from leaving the site during the growing season and post-harvest.

The landowner plans on storing soil amendments/organic fertilizers within fabric and metal structure in the short term. Long term plans include a metal structure that will store all organic fertilizers, soil and amendments where they can be protected during the winter months. Soil used in raised beds is Royal Gold-Kings Mix. Royal Gold Kings Mix is a well-aerated, moderately amended coco peat blend.

Organic Liquid soil amendments are added to mixing tank and applied once a week 500 gallons are applied to three (3) greenhouses, followed by an additional 500 gallons for the remaining three (3) greenhouses. 1000 gallons are applied once a week to six (6) greenhouses. All label instructions are followed.

PHUP

N0.00% – P0.00% – K45.00%

pH Up is a strong alkali formula for raising pH.

Soluble Seaweed Powder

N1.00% – P0.00% – K12.00%

Soluble Seaweed Powder promotes early root growth and helps create lush foliage. Introducing kelp to a fertilizer program helps improve overall plant health and vigor.

Earth Juice SeaBlast- Bloom

N3.00% – P26.00% – K22.00%

Water-Soluble Plant Food with seaweed, fossilized guano, steamed bone meal and micronutrients.

Flowering and fruiting plants

Earth Juice Sugar Peak Grand Finale

N0.00% – P6.00% – K4.00%

Natural- molasses based liquid formulations

Finishing/Ripening formula that will assist and serve to maximize the production of essential oils, resins, fragrances and yields of determinate flowering and fruiting plants.

8. Pesticides/Herbicides

At the present time, there are no pesticides or herbicides registered specifically for use directly on cannabis and the use of pesticides on cannabis plants has not been reviewed for safety, human health effects, or environmental impacts. Under California law, the only pesticide products not illegal to use on cannabis are those that contain an active ingredient that is exempt from residue tolerance requirements and either registered and labeled for a broad enough use to include use on cannabis or exempt from registration requirements as a minimum risk pesticide under FIFRA section 25(b) and California Code of Regulations, title 3, section 6147. For the purpose of compliance with conditions of this Order, any uses of pesticide products shall be consistent with product labeling and any products on the site shall be placed, used, and stored in a manner that ensures that they will not enter or be released into surface or ground waters.

The landowner states that he uses no pesticides/herbicides. Standard condition is being met at this time.

9. Petroleum products and other chemicals

Petroleum products and other liquid chemicals, including but not limited to diesel, biodiesel, gasoline, and oils shall be stored so as to prevent their spillage, discharge, or seepage into receiving waters. Storage tanks and containers must be of suitable material and construction to be compatible with the substance(s) stored and conditions of storage such as pressure and temperature.

Above ground storage tanks and containers shall be provided with a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation.

Dischargers shall ensure that diked areas are sufficiently impervious to contain discharged chemicals.

Discharger(s) shall implement spill prevention, control, and countermeasures (SPCC) and have appropriate cleanup materials available onsite.

Underground storage tanks 110 gallons and larger shall be registered with the appropriate County Health Department and comply with State and local requirements for leak detection, spill overflow, corrosion protection, and insurance coverage.

Operation is run off of Honda Generator utilizing gasoline. Currently fuel for generator when not in use is stored under the fabric and metal roof located at GPS 897.

This standard condition is being met at this time.

10. Cultivation-related wastes

Cultivation-related wastes including, but not limited to, empty soil/soil amendment/ fertilizer/pesticide bags and containers, empty plant pots or containers, dead or harvested plant waste, and spent growth medium shall, for as long as they remain on the site, be stored[8] at locations where they will not enter or be blown into surface waters, and in a manner that ensures that residues and pollutants within those materials do not migrate or leach into surface water or groundwater.

Please see Spoils documentation. This standard condition is being met at this time.

11. Refuse and human waste

Disposal of domestic sewage shall meet applicable County health standards, local agency management plans and ordinances, and/or the Regional Water Board's Onsite Wastewater Treatment System (OWTS) policy, and shall not represent a threat to surface water or groundwater.

Refuse and garbage shall be stored in a location and manner that prevents its discharge to receiving waters and prevents any leachate or contact water from entering or percolating to receiving waters.

[8] Plant waste may also be composted, subject to the same restrictions cited above for cultivation-related waste storage.

Garbage and refuse shall be disposed of at an appropriate waste disposal location.

Garbage and refuse is regularly hauled to Eel River Resource Recovery's located in Fortuna. Human waste disposal systems consist of port-a-potty located near constructed drainage channel (GPS 908).

This standard condition is being met at this time.

12. Remediation/Cleanup/Restoration

Remediation/cleanup/restoration activities may include, but are not limited to, removal of fill from watercourses, stream restoration, riparian vegetation planting and maintenance, soil stabilization, erosion control, upgrading stream crossings, road outsloping and rolling dip installation where safe and suitable, installing ditch relief culverts and overside drains, removing berms, stabilizing unstable areas, reshaping cutbanks, and rocking native-surfaced roads. Restoration and cleanup conditions and provisions generally apply to Tier 3 sites, however owners/operators of Tier 1 or 2 sites may identify or propose water resource improvement or enhancement projects such as stream restoration or riparian planting with native vegetation and, for such projects, these conditions apply similarly. Appendix B accompanying this Order includes environmental protection and mitigation measures that apply to cleanup activities such as: temporal limitations on construction; limitations on earthmoving and construction equipment; guidelines for removal of plants and revegetation; conditions for erosion control, limitations on work in streams, riparian and wetland areas; and other measures.

Mitigation measures are listed in the Water Resource Protection Plan and also noted above in the document.

State of California

Well Completion Report

WCR Form Submitted 04/01/2016

WCR2016-002767

Owner's Well Number 1 | Date Work Began 03/30/2016 | Date Work Ended 03/30/2016

Local Permit Agency Humboldt County Department of Health & Human Services - Land Use Program

Secondary Permit Agency | Permit Number 15/16-0435 | Permit Date 02/22/2016

Well Owner (must remain confidential pursuant to Water Code 13752)

Name [redacted]

Mailing Address [redacted]

City [redacted] State [redacted] Zip [redacted]

Planned Use and Activity

Activity New Well

Planned Use Water Supply Domestic

Well Location

Address [redacted]

City Miranda | Zip 95553 | County Humboldt

Latitude Deg. Min. Sec. N | Longitude Deg. Min. Sec. W

Dec. Lat. 40.1897700 | Dec. Long. -123.8265460

Vertical Datum | Horizontal Datum WGS84

Location Accuracy | Location Determination Method

APN 214-234-06

Township 03 S

Range 03 E

Section 22

Baseline Meridian Humboldt

Ground Surface Elevation

Elevation Accuracy

Elevation Determination Method

Borehole Information

Orientation Vertical | Specify

Drilling Method Direct Rotary | Drilling Fluid Air

Total Depth of Boring 250 Feet

Total Depth of Completed Well 250 Feet

Water Level and Yield of Completed Well

Depth to first water 21.8 (Feet below surface)

Depth to Static Water Level 21.8 (Feet) | Date Measured 03/30/2016

Estimated Yield* 8 | Test Type Air Lift

Test Length 4.0 | Total Drawdown 228.2 (Feet)

*May not be representative of a well's long term yield.

Geologic Log - Free Form

Depth from Surface Feet to Feet		Description
0	2	Top Soil
2	250	Franciscan Formation

Casings

Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	40	Blank	PVC	OD: 5.563 in. | SDR: 21 | Thickness: 0.265 in.	0.265	5.563			
1	40	250	Screen	PVC	OD: 5.563 in. | SDR: 21 | Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	

Annular Material

Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description
0	20	Bentonite	Other Bentonite		Sanitary Seal
20	250	Filter Pack	Other Gravel Pack	3/8 in	Pea Gravel

Other Observations:

Borehole Specifications

Depth: from Surface Feet	to Feet	Borehole Diameter (inches)
0	250	10

Certification Statement

I/We the undersigned, certify that this report is complete and accurate to the best of my (our) knowledge and belief

Name: FISCH DRILLING
Person, Firm or Corporation

3150 JOHNSON ROAD | HYDESVILLE | CA | 95547
Address | City | State | Zip

Signed: _____ 04/01/2016 | 683865
C-57 Licensed Water Well Contractor | Date Signed | C-57 License Number

Attachments

ScurquaSiteMap.pdf - Location Map

DWR Use Only

Site Number / State Well Number

					N
					W

Latitude Deg/Min/Sec | Longitude Deg/Min/Sec

TRS:

APN:

Humboldt County Department of Health & Human Services

RECEIVED

JUN 23 2016

HUMBOLDT CO. DIVISION OF ENVIRONMENTAL HEALTH

Environmental Health
100 H Street, Suite 100, Eureka, CA 95501
phone: (707) 445-6215, fax: (707) 441-5699

RECEIVED

JUN 23 2016

HUMBOLDT CO. DIVISION OF ENVIRONMENTAL HEALTH

WATER WELL APPLICATION

15/16-0857

CONSTRUCTION – REPAIR – DESTRUCTION

The Well Permit will be returned to the property owner when approved by Humboldt County Division of Environmental Health (DEH)

Instructions:

1. Complete pages 1 and 2 of the application and submit the required fee with the Well Permit application, including Well Driller's signature and property owner's signature.
2. Work on the well shall not be started prior to approval of the Well Permit Application by DEH.
3. Any changes made to the location of a new well shall be approved by DEH prior to commencement of drilling.
4. DEH shall be notified by the Well Driller a minimum of 24 hours prior to sealing the annular space.

Site Address	French Rd	APN	214-234-06
City/State/Zip	Miranda, CA 95553		
Directions to Site			
Applicant	FISCH DRILLING	Contact	CHRIS FISCH
Mailing Address	3150 JOHNSON RD	Work Phone	(707) 768-9800
City/State/Zip	HYDESVILLE, CA 95547	Cell Phone	(707) 601-3042
Property Owner	Bear Butte Holding, LLC	Home Phone	707-267-4297
Mailing Address	223½ 2nd St	Work Phone	
City/State/Zip	Eureka, CA 95501	Cell Phone	
I hereby grant 'right-of-entry' for inspection purposes			
Drilling Contractor	FISCH DRILLING	C-57 License #	683865

I hereby agree to comply with all laws and regulations of the County of Humboldt and the State of California Department of Water Resources Bulletin 74 pertaining to water well construction. I will contact Humboldt County Division of Environmental Health (DEH) when I commence work. Within 30 days after completion of work, I will furnish DEH a report of the work performed.

Well Driller Signature: Chris Fisch

Would driller like a copy of approved application? ☑ Yes ☐ No

☐ U.S. Mail address:

☑ Email address: chris@fischdrilling.com

Type of Application:	Construction:		Intended Use:
☑ Construction	Estimated Depth (ft.)		☑ Domestic - private
☐ Destruction	Diameter (in.)	10"	☐ Community Supply
☐ Repair/Modification	Depth of Seal (ft.)	20'	☐ Irrigation
	Sealing Material	Bentonite	☐ Other

Well #

Estimated Work Dates:

Start _____

Completion _____

Casing:

Diameter (in.) 5"

Material PVC

Type of Sewage System:

☐ Community Sewer

☑ OWTS (Septic)

Distance from well site to OWTS N/A

Special Requirements/Comments:

PLOT PLAN

FOR OFFICE USE ONLY

√#15388

Fee: $373.00

Date: 6-23-16

Receipt: 718726

Project #: 15/16-0857

Site Approved by:

Site Approved Date: 7/2/16

Sealed to Depth of:

Seal observed: ☐ Yes ☐ No

Final Approved Date:

State of California

Well Completion Report

WCR Form - DWR 188 Submitted 10/24/2017

WCR2017-004824

Owner's Well Number 2 | Date Work Began 09/19/2017 | Date Work Ended 09/25/2017

Local Permit Agency Humboldt County Department of Health & Human Services - Land Use Program

Secondary Permit Agency | Permit Number 15/16-0857 | Permit Date 07/21/2016

Well Owner (must remain confidential pursuant to Water Code 13752)

Name Bear Butte Holding, LLC.

Mailing Address 223 1/2 2nd Street

City Eureka | State CA | Zip 95501

Planned Use and Activity

Activity New Well

Planned Use Water Supply Irrigation - Agriculture

Well Location

Address 0 French RD

City Miranda | Zip 95553 | County Humboldt

Latitude Deg. | Min. | Sec. N | Longitude Deg. | Min. | Sec. W

Dec. Lat. 40.1865100 | Dec. Long. -123.8251400

Vertical Datum | Horizontal Datum WGS84

Location Accuracy | Location Determination Method

APN 214-234-006

Township 03 S

Range 03 E

Section 22

Baseline Meridian Humboldt

Ground Surface Elevation

Elevation Accuracy

Elevation Determination Method

Borehole Information

Orientation Vertical | Specify

Drilling Method Other - under-ream down-hole hammer | Drilling Fluid Air

Total Depth of Boring 180 Feet

Total Depth of Completed Well 180 Feet

Water Level and Yield of Completed Wall

Depth to first water 65 (Feet below surface)

Depth to Static Water Level 58 (Feet) | Date Measured 09/25/2017

Estimated Yield* 15 (GPM) | Test Type Air Lift

Test Length 4 (Hours) | Total Drawdown 122 (Feet)

*May not be representative of a well's long term yield.

Geologic Log - Free Form

Depth from Surface Feet to	Feet	Description
0	5	top soil
5	44	brown fractured sandstone
44	61	shale
61	164	hard serpintine sandstone mix
164	180	soft shale

Casings

Casing #	Depth from Surface Feet to	Feet	Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	40	Blank	Low Carbon Steel	Grade: ASTM A53	0.188	6			
1	40	160	Screen	Low Carbon Steel	Grade: ASTM A53	0.188	6	Milled Slots	0.05	
1	160	180	Blank	Low Carbon Steel	Grade: ASTM A53	0.188	6			

Annular Material

Depth from Surface Feet to	Feet	Fill	Fill Type Details	Filter Pack Size	Description
0	20	Bentonite	Other Bentonite		Sanitary Seal
20	180	Filter Pack	Other Gravel Pack	3/8"	Pea Gravel

Other Observations:

Borehole Specifications

Depth from Surface Feet	to Feet	Borehole Diameter (inches)
0	180	10

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name: FISCH DRILLING
Person, Firm or Corporation

3150 JOHNSON ROAD (Address) | HYDESVILLE (City) | CA (State) | 95547 (Zip)

Signed: *electronic signature received* (C-57 Licensed Water Well Contractor) | 10/24/2017 (Date Signed) | 683865 (C-57 License Number)

Attachments

Scan.pdf - Location Map

DWR Use Only

Site Number / State Well Number

Latitude Deg/Min/Sec: N

Longitude Deg/Min/Sec: W

TRS:

APN:

Humboldt County Department of Health & Human Services

Division of Environmental Health
100 H Street - Suite 100 - Eureka, CA 95501
Phone: 707-445-6215 - Toll Free: 800-963-9241
Fax: 707-441-5699
envhealth@co.humboldt.ca.us

RECEIVED
FEB 15 2017
HUMBOLDT CO. DIV. OF ENVIRONMENTAL HEALTH

1617-C794

WATER WELL APPLICATION
CONSTRUCTION – REPAIR – DESTRUCTION

The Well Permit will be returned to the property owner when approved by Humboldt County Division of Environmental Health (DEH)

Instructions:

1. Complete both sides and submit the Water Well Application with required fee. Include Well Driller's signature and property owner's signature.
2. Work on a well shall not be started prior to approval of the Water Well Application by DEH.
3. Any changes made to the location of a new well shall be approved by DEH prior to commencement of drilling.
4. Well Driller shall notify DEH a minimum of 24 hours prior to sealing the annular space.

Site Address ______ APN 214 234 06
City/State/Zip MIRANDA, CA ______ CA ______
Directions to Site ______

Applicant Watson Well Drilling Inc. ______ Contact Teri Watson
Mailing Address 500 Summer Street ______ Work Phone 707-442-2249
City/State/Zip Eureka, Ca., 95501 ______ Cell Phone ______

Property Owner Bear Butte Holdings LLC ______ Home Phone ______
Mailing Address PO BOX 610 ______ Work Phone 707 267 4237
City/State/Zip FORTUNA, CA 95540 (Fortuna) ______ Cell Phone ______
I hereby grant 'right-of-entry' for inspection purposes [signature]

Drilling Contractor Watson Well Drilling Inc. ______ C-57 License # 1014048

I hereby agree to comply with all laws and regulations of the County of Humboldt and the State of California Department of Water Resources Bulletin 74 pertaining to water well construction. I will contact Humboldt County Division of Environmental Health (DEH) when I commence work. Within 30 days after completion of work, I will furnish DEH a report of the work performed.

Well Driller Signature: [signature]

Would driller like a copy of approved application? ☑ Yes ☐ No

☐ U.S. Mail address: ______

☑ Email address: admin @watsonwelldrillinginc.com

DISTRIBUTED
1-12-18

Type of Application:	Construction:		Intended Use:
☐ Construction	Estimated Depth (ft.)	______	☐ Domestic - private
☐ Destruction	Diameter (in.)	______	☐ Community Supply
☐ Repair/Modification	Depth of Seal (ft.)	______	☐ Irrigation
	Sealing Material	______	☐ Other ______

NOTE: This application is replacing an approved permit, Applicant name: Fisch Drilling

 Revised 7-26-

* [redacted]

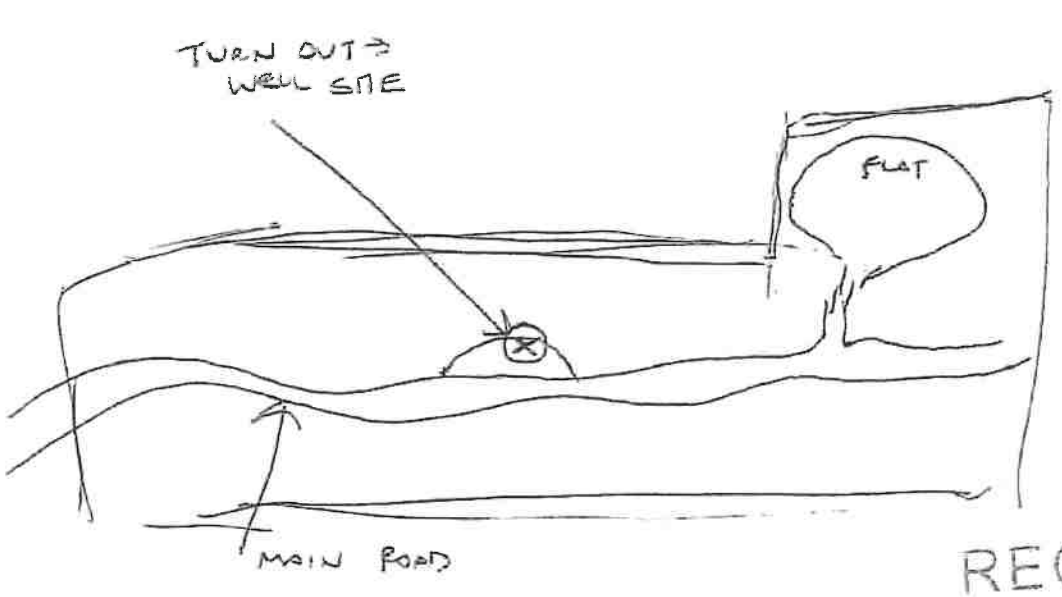
DC-1.1727

Estimated Work Dates:	Casing:	Type of Sewage System:
Start _____	Diameter (in.) _____	☐ Community Sewer ☐ OWTS (Septic)
Completion _____	Material _____	Distance from well site to OWTS _____

Special Requirements/Comments:

WELL SITE IS ON MAIN ROAD, AT A LARGE TURN OUT.
SET BACK FROM ROAD 40 FT.
WELL SITE IS OVER 300 FT FROM ALL PROPERTY LINES STRUCTURES ETC.

PLOT PLAN



FOR OFFICE USE ONLY

#1486

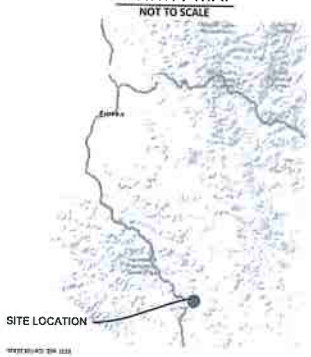
Fee:	$373.00	Site Approved by:	
Date:	2-15-17	Site Approved Date:	2/24/17
Receipt:	215534	Sealed to Depth of:	20'
Project #:		Seal observed:	☐ Yes ☒ No
Paid by:	Watson Well Drilling	Final Approved Date:	JW 1/11/18

KEVIN BOURQUE

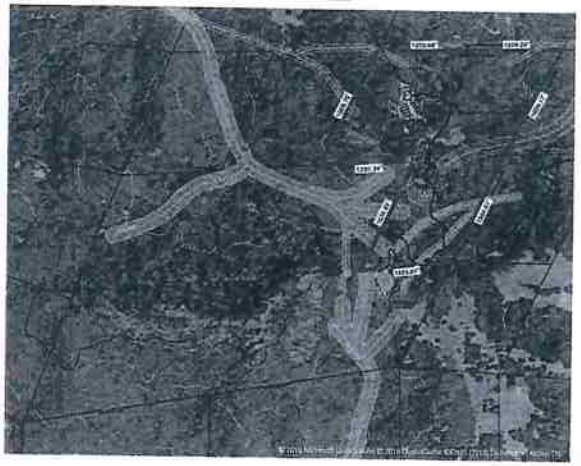
APN: 214-234-006

VICINITY MAP

NOT TO SCALE



AERIAL MAP



PROJECT DIRECTIONS

FROM: EUREKA, CA

- HEAD SOUTH ON US-101 N (55.2 MI)
- TAKE EXIT 650 FOR PHILLIPSVILLE/MIRANDA. TURN LEFT ONTO MAPLE HILLS RD (1 MI)
- TURN LEFT ONTO BEAR BUTTE RD (3 MI)
- TURN LEFT ONTO TOSTEN RANCH RD. KEEP LEFT (1 MI)

TRAVEL TIME

APPROXIMATELY: 1H 17 MIN (60.8 MI)

SHEET INDEX

CP-COVER PAGE

P0-PARCEL OVERVIEW

PROJECT INFORMATION

LAT/LONG: 40.1886, -123.825

APN: 214-234-006

APPLICANT: KEVIN BOURQUE

PARCEL SIZE: ±118 ACRES

ZONING: TPZ [(GEN USE: T(FRWK)]

APPLICATION TYPE: 3 OUTDOOR

COASTAL ZONE: N

100 YEAR FLOOD: N

AGENT:

KAYLIE SAXON
GREEN ROAD CONSULTING INC
1650 CENTRAL AVE. SUITE C
MCKINLEYVILLE, CA 95519
707-630-5041

200' 400' 800'

PROPERTY LINES AND BUILDING LOCATIONS ARE APPROXIMATE AND BASED ON AERIAL MAPS AND GPS DATA TAKEN IN THE FIELD.

GREEN ROAD CONSULTING

PROJECT INFORMATION

PROPERTY OWNER: KEVIN BOURQUE

ADDRESS: APN: 214-234-007

SHEET INFO: COVER PAGE

NO	REVISIONS NOTES	DATE

DATE: 1/31/19

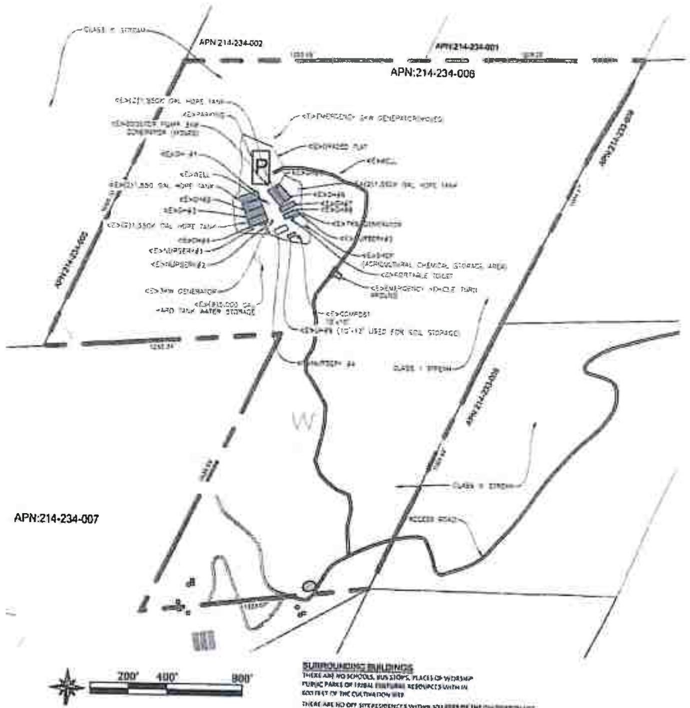
DRAFTER:

SCALE: AS SHOWN

SHEET: CP

PARCEL OVERVIEW

APN: 214-234-006



CULTIVATION INFORMATION

OUTDOOR CULTIVATION AREA

OH	SIZE			SQ FT
1	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL OUTDOOR CULTIVATION AREA = 21 000 SQ FT

CULTIVATION BUILDINGS AND USE

BUILDINGS	USE	SIZE	YEAR	DIMENSIONS
SHOP	NUTRIENTS/TOOLS DRYING/CU[illegible] STORAGE	[illegible]	[illegible]	[illegible]
NURSERY #1	PROPAGATION	[illegible]	[illegible]	[illegible]
NURSERY #2	PROPAGATION	[illegible]	[illegible]	[illegible]
NURSERY #3	PROPAGATION	[illegible]	[illegible]	[illegible]
[illegible] #4	PROPAGATION	[illegible]	[illegible]	[illegible]
OH #9	SOIL STORAGE	[illegible]	[illegible]	[illegible]

SHOP ROOM USE AND SIZE

BUILDINGS	USE	SIZE	YEAR	DIMENSIONS
PESTICIDE/NUTRIENT STORAGE ROOM	PESTICIDE & NUTRIENT STORAGE	[illegible]	[illegible]	[illegible]
PROPANE STORAGE ROOM	STORING OF PROPANE	[illegible]	[illegible]	[illegible]

WATER STORAGE AND USE

TYPE	DATE OF INSTALLATION	QUANTITY	GALLONS	TOTAL GALLONS
HDPE TANK	2014	2	[illegible]	[illegible]
HDPE TANK	2014	[illegible]	[illegible]	[illegible]
HDPE TANK	2014	[illegible]	[illegible]	[illegible]
HDPE TANK	2014	2	[illegible]	[illegible]
HDPE TANK	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL AMOUNT OF WATER STORAGE = [illegible] GALLONS

POWER SOURCE

EMERGENCY 7 KW HONDA GENERATOR (MOVES)

[illegible] GENERATOR

[illegible] GENERATOR

BOOSTER PUMP [illegible] GENERATOR (MOVES)

WATER SOURCE

WELL LAT/LONG [illegible]

COMPOST AREA

[illegible]

UNNAMED CLASS II STREAM WITH REQUIRED 100 FT BUFFER

UNNAMED CLASS III STREAM WITH REQUIRED [illegible] FT BUFFER

PROJECT INFORMATION

PROPERTY OWNER	KEVIN BOURQUE
ADDRESS	APN: 214-234-006
SHEET INFO	PARCEL OVERVIEW

GREEN ROAD CONSULTING

REVISIONS		
NO	NOTES	DATE

DATE [illegible]
DRAFTER [illegible]
SCALE [illegible]
SHEET
PO

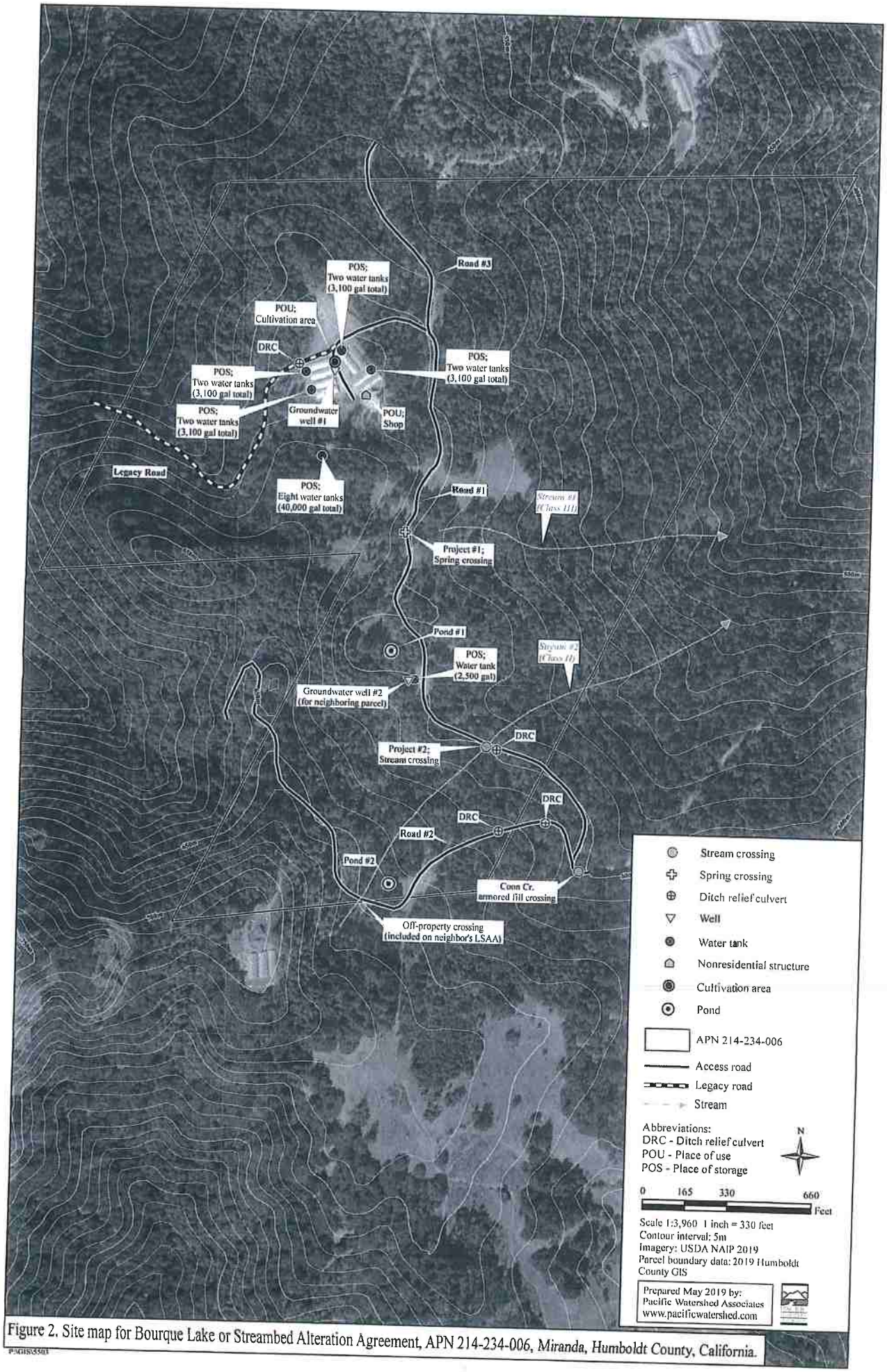


Figure 2. Site map for Bourque Lake or Streambed Alteration Agreement, APN 214-234-006, Miranda, Humboldt County, California.

Department of Fish and Game 557758
619 Second Street
Eureka, California 95501

DATE: 6/28/19

NAME: Kevin Bargue
ADDRESS:

SOLD BY:	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE RTD.	PAID OUT

QUANTITY		DESCRIPTION	PRICE	AMOUNT	
	1	LSA Notification			
	2				
	3				
	4	APN 214-234-006			
	5				
	6	Check # 5501		1192	
	7	Check # 5502		3187	75
	8				
	9				
	10			4379	75
	11				
	12				

CUSTOMERS ORDER NO.

RECEIVED BY: Marie Hawley

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