



2/16/2021

Environmental Permit Information Management System



### Application

#### ***10142 - Notify for Standard Agreement (Cannabis and non-Cannabis) - Final Application***

16845 - Judy A. 1600  
Region 1 (Coastal)

Status: Submitted      Submitted Date: 02/16/2021 9:18 AM

#### ***Applicant Information***

##### Registered User:

- **User accounts must be registered using an individual's name.** If you are applying for an organization (e.g., business, governmental agency, etc.) you can associate that organization with your user account during the registration process. If you are an agent (e.g., lawyer or consultant) for an applicant, both you and your client must have user accounts. The applicant is responsible for complying with the terms and conditions of the agreement.
- **Register for only one user account.** A single user account may be associated with multiple notifications/applications and/or multiple organizations. If you do not receive an automated confirmation email within a few minutes of registering, please check your Spam/Junk email folder.
- **New User Registration Approval** is not automated and may take up to 72 hours. Once approved, you will receive two emails, one containing your User ID, and one containing your temporary password. These emails may also go to your Spam/Junk email folder.
- **DO NOT USE ALL CAPITAL LETTERS WHEN COMPLETEING THIS FORM.**
  - **NOTE:** If ALL CAPS are used in any field on this form, the registration will be denied.

Title: Judy Anderson-Hulbert  
First Name Middle Name Last Name  
User Email:\* dazzleit22@gmail.com  
User Address:\* P.O. Box 184



California Department of  
**Fish and Wildlife**

## Application

### ***10142 - Notify for Standard Agreement (Cannabis and non-Cannabis) - Final Application***

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16845 - Judy A. 1600

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- **New User Registration Approval** is not automated and may take up to 72 hours. Once approved, you will receive two emails, one containing your User ID, and one containing your temporary password. These emails may also go to your Spam/Junk email folder.
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Title: Judy Anderson-Hulbert  
First Name Middle Name Last Name

User Email:\* dazzleit22@gmail.com

User Address:\* P.O. Box 184

<b>*</b>	Willow Creek	California	95573
	City	State/Province	Postal Code/Zip
<b>User Phone:*</b>	575-770-9164		Ext.
	Phone		


Organization Information

- Registered users should provide the name of the primary organization they are associated with. Other organizations can be associated with the user after the registration process.
- DO NOT USE ALL CAPITAL LETTERS WHEN COMPLETEING THIS FORM.
  - NOTE: If ALL CAPS are used in any field on this form, the registration will be denied.

<b>Organization Type:*</b>	Other
<b>Organization Name:*</b>	Yogi Farms
<b>Organization Website URL:</b>	
<b>Address:*</b>	P.o. Box 184

<b>*</b>	Willow Creek	California	95573
	City	State/Province	Postal Code/Zip
<b>Phone:*</b>	575-770-9164		Ext.

Applicant Proposing Project

** Provide the name, mailing address, telephone number, and e-mail address of the applicant proposing the project. The applicant is responsible for complying with the terms and conditions of the agreement. Name:\***

<b>Business/Agency:</b>	Yogi Farms		
<b>Mailing Address:*</b>	P.O. Box 184		
	Willow Creek	California	95573
	City*	State*	Zip*

**Phone Number:\*** 575-770-9164  
**Email:\*** dazzeit22@gmail.com

## Contact Person

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**Is the 'Contact Person' the same person as the 'Applicant Proposing Project'?**

**Response:\*** No

**i** Provide the name, title or position, mailing address, telephone number, and e-mail address of the person CDFW should contact regarding the proposed project, if different from the applicant proposing the project.  
**Name:\***

Ethan	J	Coonen
First Name	Middle Initial	Last Name

**Business/Agency:** NRM

**Title/Position:**

**Mailing Address:\*** 1434 Third Street

Eureka	California	95501
City*	State*	Zip*

**Phone Number:\*** 707-497-4450

**Email:\*** ecoonen@nrmcorp.com

**Do you authorize the agent above to represent you as your Designated Representative?**

**i** While an Applicant is legally responsible for complying with Fish and Game Code section 1602 and all measures and conditions of a final agreement, an Applicant may designate and authorize an agent (e.g., lawyer, consultant, or other individual) to act as Designated Representative.  
**The Designated**

Yes




Representative is authorized  
to sign the notification and  
any agreement on behalf of  
the Applicant.  
Response:\*

Property Owner

Is the 'Property Owner' the same person as the 'Applicant Proposing Project'?

Response:\* Yes

 Provide the name, mailing  
address, telephone number,  
and e-mail address of the  
owner of the property where  
the project activities will take  
place, if different from the  
applicant proposing the  
project.  
Name:\*

First Name

Middle Initial

Last Name

City:\* California  
State\*

Zip\*

## Project Location

<b>Project Location 1</b>	
<p><b>i</b>“Project Name” used here refers to the activities (project) that are subject to the notification requirements in Fish and Game Code section 1602 and not the overall project identified previously in the General Information form. For example, if the project includes the construction of one bridge, one culvert, and road grading adjacent to a stream, this would constitute three projects. You can name the bridge Smith Bridge as project one, Smith Culvert as project two, and Road Grading as project three. In this example, you would be required to fill out this section three times to identify each project. Refer to the <u>LSA Fee Schedule</u> for more information.</p> <p><b>Project Name:*</b></p>	Judy A. Culvert Replacement
<b>Response:*</b>	No
<p><b>i</b>Provide the street address where the project will take place.</p> <p><b>Project Site Address:*</b></p>	
<b>City:*</b>	
<b>Name Other:*</b>	
<b>Zip Code:*</b>	
<p><b>i</b>If there is no street address:</p> <ul style="list-style-type: none"> <li>• Provide a description of the location with reference to the nearest city or town.</li> <li>• Provide driving directions from a major road or highway.</li> </ul>	Rocked road off of Coon Creek Road crosses Class II watercourse.

<ul style="list-style-type: none"> <li>• Provide a map that marks the location of the project and denotes a north arrow and map scale in the Documents and Maps form.</li> </ul>	
<b>Project Site Description:*</b>	
<i>i</i> Access Google Maps Help to find your GPS latitude and longitude coordinates. <b>GPS Coordinates:*</b>	40.96990
<b>Longitude:*</b>	-123.59100
<i>i</i> Provide the name of the county where the project will take place. If you do not see your county on this list, you are applying to the wrong region. Return to the Main Menu and start a new application in the correct region. <b>County: *</b>	Humboldt County
<i>i</i> Assessor's Parcel Number can be found on deeds and tax records. <b>Property APN:*</b>	
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<i>i</i> Assessor's Parcel Number can be found on deeds and tax records. <b>Property APN:*</b>	523-025-005-000

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**diversion without facility** refers to extracting water from a river, stream, or lake without physically obstructing or impeding its natural flow (e.g., by using a pump or by gravity through a headgate, pipe, or gallery).

The work type, "Water diversion with facility" refers to extracting water from a river, stream, or lake in conjunction with or by use of a facility or structure that physically obstructs or impedes its natural flow (e.g., a flashboard dam or a weir).

Work Type: \*

Describe Other Work Type:\*

**i** Provide the name of the stream or lake in or near where the project will occur. If the river, stream or lake is unnamed, please select "unnamed stream or lake" in the drop-down box. The following websites may assist you in identifying the name of the stream or lake in or near the project.

- [EPA Maps](#)
- [USGS The National Map](#)

Disclaimer – CDFW cannot and does not portray the links provided above as an exhaustive and comprehensive inventory of all river, streams, or lakes statewide. Field verification will always be an important obligation of the applicant. River, Stream, or Lake Affected:\*

Coon Creek




Describe Other:\*

**i** Provide the watercourse or waterbody to which the

- Unnamed -

<p>stream or lake identified above is tributary.</p> <ul style="list-style-type: none"> <li>• <a href="#">EPA Maps</a></li> <li>• <a href="#">USGS The National Map</a></li> </ul> <p>Disclaimer – CDFW cannot and does not portray the links provided above as an exhaustive and comprehensive inventory of all river, streams, or lakes statewide. Field verification will always be an important obligation of the applicant.</p> <p>Waterbody Tributary:*</p>	
Describe Other:*	
Water Present during Work Period:	No
Work in Wetted Portion of Channel:*	
<p><b>i</b>The State Wild and Scenic Rivers Act (WSRA) is codified at Public Resources Code section 5093.50 et seq. and can be found at <a href="#">California Wild and Scenic Rivers Act</a>.</p> <p><i>If the project is located within a segment of a river or stream that is listed in the State or federal WRSA, CDFW cannot approve the proposed project unless it is consistent with the act(s).</i></p> <p>Wild and Scenic Rivers?:*</p>	No
Wild and Scenic River Affected by Project:*	
<b>Project Location 2</b>	
<b>i</b> "Project Name" used here refers to the activities (project) that are subject to	Judy A. POD



<p>the notification requirements in Fish and Game Code section 1602 and not the overall project identified previously in the General Information form. For example, if the project includes the construction of one bridge, one culvert, and road grading adjacent to a stream, this would constitute three projects. You can name the bridge Smith Bridge as project one, Smith Culvert as project two, and Road Grading as project three. In this example, you would be required to fill out this section three times to identify each project. Refer to the <a href="#">LSA Fee Schedule</a> for more information.</p> <p><b>Project Name:*</b></p>	
<b>Response:*</b>	No
<p> Provide the street address where the project will take place.</p> <p><b>Project Site Address:*</b></p>	
<b>City:*</b>	
<b>Name Other:*</b>	
<b>Zip Code:*</b>	
<p> If there is no street address:</p> <ul style="list-style-type: none"> <li>• Provide a description of the location with reference to the nearest city or town.</li> <li>• Provide driving directions from a major road or highway.</li> <li>• Provide a map that marks the location of the project and denotes a north arrow and map scale in the Documents and Maps form.</li> </ul> <p><b>Project Site Description:*</b></p>	<p>Located on Class II watercourse about 500 feet upstream of Project 1 Crossing replacement.</p>
<p> Access <a href="#">Google Maps Help</a> to find your GPS latitude and</p>	40.96880

longitude coordinates. GPS Coordinates:*	
Longitude:*	-123.59150
<p><b>i</b> Provide the name of the county where the project will take place. If you do not see your county on this list, you are applying to the wrong region. Return to the Main Menu and start a new application in the correct region. County: *</p>	Humboldt County
<p><b>i</b> Assessor's Parcel Number can be found on deeds and tax records. Property APN:*</p>	
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river, stream, or lake in conjunction with or by use of a facility or structure that physically obstructs or impedes its natural flow (e.g., a flashboard dam or a weir).

Work Type: \*

Describe Other Work Type:\*

**i** Provide the name of the stream or lake in or near where the project will occur. If the river, stream or lake is unnamed, please select "unnamed stream or lake" in the drop-down box. The following websites may assist you in identifying the name of the stream or lake in or near the project.

- [EPA Maps](#)
- [USGS The National Map](#)

Coon Creek

Disclaimer – CDFW cannot and does not portray the links provided above as an exhaustive and comprehensive inventory of all river, streams, or lakes statewide. Field verification will always be an important obligation of the applicant. River, Stream, or Lake Affected:\*

Describe Other:\*

**i** Provide the watercourse or waterbody to which the stream or lake identified above is tributary.

- [EPA Maps](#)
- [USGS The National Map](#)

Disclaimer – CDFW cannot and does not portray the links provided above as an exhaustive and comprehensive inventory of all river, streams, or lakes

- Unnamed -

statewide. Field verification will always be an important obligation of the applicant.	
Waterbody Tributary:*	
Describe Other:*	
Water Present during Work Period:	No
Work in Wetted Portion of Channel:*	
<p><b>i</b>The State Wild and Scenic Rivers Act (WSRA) is codified at Public Resources Code section 5093.50 et seq. and can be found at <a href="#">California Wild and Scenic Rivers Act</a>.</p> <p><i>If the project is located within a segment of a river or stream that is listed in the State or federal WRSA, CDFW cannot approve the proposed project unless it is consistent with the act(s).</i></p>	No
Wild and Scenic Rivers?:*	
Wild and Scenic River Affected by Project:*	

## Project Description and Details

- i**Include all of the following:
- 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
- Project 1: Judy A. Culvert Replacement (40.96990, -123.59100)  
 Condition: A rocked road crossing a class II watercourse and bank seep with a 30-inch culvert and an 18-inch diameter culvert. With a 55-acre drainage area the Rational Method predicts a 100-year storm flow to be 60.9 cfs at this crossing. The 30-inch culvert is undersized, and the 18-inch culvert outlet is redundant and isn't aligned with the channel. Both approaches are rocked with gradients less than 10% and need drainage facilities. The crossing is a low point in topography.
- Because the culverts are undersized and improperly installed, they shall be replaced with one 60-inch diameter culvert by the year 2024.

**materials and features (e.g., rip-rap fields) that will be used or installed.**

- **If water will be diverted or extracted, specify the purpose or use.**
- **Describe both permanent and temporary impacts to the channel and/or riparian habitat.**

**On the Documents and Maps form, attach photographs of the project location(s) and immediate surrounding area. Include diagrams, drawings, plans, 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 activity, significant area features, stockpile areas, areas of temporary disturbance.**
- **Where the equipment/machinery will access the project area.**

**Describe the Project in Detail.\***

Work: Excavate existing culvert and trench for new culvert. Install a 60 inch diameter by 24 foot long culvert. Due to steep topography the culvert cannot be set to channel grade, instead the outlet will be fitted with a full round downspout and dissipation armor. With a greater culvert diameter, ~1 yards of fill will be displaced. At project completion at least 12 inches of fill will cover the top of the culvert. If road prism needs to be raised, apply and compact spoils over crossing until driving surface is at least 12 inches above top of culvert. Install 60 inch diameter downspout that extends at least 30 feet from culvert outlet. Use cables and stakes or trees to anchor the downspout to the hillside. Armor inlet of culvert and outlet of downspout with 20 inch average diameter or greater rock to prevent erosion and dissipate water velocity. Dissipation armor shall extend at least 15 feet beyond downspout outlet. Install rolling dips to road-left 40 feet from centerline and 100 feet from centerline up road-right, above the bank seep. Line road between rolling dips with road-base rock. Work shall be completed by the year 2024.

Disturbance: It will excavate 21 yards<sup>3</sup>, disturb 22 feet of channel already occupied by road prism and 32 feet of channel adjacent to current culvert. the project will cause a 220 square foot disturbance footprint within the road prism. This project is in a forested area, the vegetation adjacent to the crossing that maybe disturbed include herbaceous plants and blackberry. A 12-inch diameter red alder, a 3-inch diameter Douglas-fir, and a 3-inch diameter big leaf maple will be removed to make space for the downspout.

Project 2. Judy A. POD (40.96880, -123.5915)

Condition: Water has been diverted from a Class II watercourse, a tributary to Coon Creek, by a 1-inch diameter plastic pipe with screened intake.

Work: fit intake with a screen with round openings 3/32-inch in diameter so that 90% of the flow is allowed to bypass. The long axis of the screen shall be parallel to the streamflow and is not placed in pool habitat. No more than 3 gallons/minute will be diverted at any time. There is currently ~6,000 gallons of water storage for irrigation. Plans for additional temporary water storage for irrigation and domestic use are currently being prepared.

Prepare temporary storage tanks so that commercial water storage can be disconnected during forbearance period. A splitter with directional valve will be connected so that diverted water can be directed to either commercial or place of domestic use. A float switch shutoff valve will be installed in both water storage systems to stop diverting water once storage reaches maximum capacity. Disconnect from commercial water storage by April 1 of each year and do not reconnect until November 1 (forbearance period).

Conditional use: In lieu of conducting a bypass flow study this POD will forbear commercial drafting from April 1 through October 31. Commercial drafting will only occur between November 1 and March 31. During forbearance period limited drafting may only occur for domestic purposes. Domestic Water will be serving 2 people during the forbearance period. No polluting materials were used to screen the diversion intake structure. The landowner will regularly inspect, clean, and maintain the screen in good condition. The intake will be blocked at the end of the diversionary period. Water use will be recorded weekly via water meter. Water use logs will be submitted to CDFW by December 31 of each year.



Character Limit: 10,000

**i** List all equipment and machinery used to complete the project. List any lubricants, solvents, chemicals, or other materials not normally found on construction sites that will be present in the project area in addition to the equipment and machinery used to complete the project.  
**Describe Equipment and Machinery:\***

Crossing replacement will require a mid-size excavator, dump truck, and hand tools.

Character Limit: 10,000

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### Water Right(s), Water Diversion(s), & Reservoir(s)

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**Does the project have an associated water right(s)?**

**Response:\*** Yes

**How many project water rights are included in the project?**

**Response:\*** 1

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### Water Right 1

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**i** As it applies to the project water rights, include the following in the Documents and Maps form:

Riparian

- **Appropriative:**
  - **Pre-1914.**  
Attach the most recent Statement of Water Diversion and Use filed with the SWRCB. Provide the Water Right ID #.

- **Post-1914.**  
**Attach a copy of the applicant's water right application, permit, or license filed with or issued by the SWRCB. Provide the Water Right ID #.**
- **Small domestic, livestock stockpond, or small irrigation use registration. Attach a copy of the applicant's registration of water use form filed with, or registration certificate issued by the SWRCB. Provide the Water Right ID #.**
- **Purchased or Contracted Water:**  
**Attach a copy of the applicant's contract or letter from the applicant's water provider.**
- **Riparian:** **Attach the most recent Statement of Water Diversion and Use filed with the State Water Resources Control Board (SWRCB). Provide the Water Right ID #.**

**Category:\***

**Sub-Category:\*** Not Applicable

**i** List the identification number for registrations, applications (permits and licenses), or statements of water diversion and use. Water Right ID # S025327

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**Does the project include any water diversion(s)?**

**i** If the diversion of water is only incidental to the project described in the notification (e.g., temporarily dewatering a stream segment to install a culvert or bridge or drafting water as part of a timber harvesting operation) select "No".  
Response: Yes

**How many water diversions will be included in the project?**

**i** If the project includes more than five water diversions, attach document containing the information requested in this section in the Documents and Maps form.  
Response: 1

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### Diversion 1

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**i** Complete the water use below. For diversion rate, use gallons per day (gpd) if rate is less than 0.025 cubic foot per second (cfs) (approximately 16,000 gpd). California Code of Regulations Title 23, §659 et seq. defines beneficial uses of water and states that "the board will determine whether other uses of water are beneficial when considering individual

01/11/2021

Beginning Date

03/31/2026

Ending Date

applications to appropriate water".

Season of Diversion:\*

Purpose of Use:\*

Irrigation

Select all that apply.

Diversion Rate (cfs or gpm):\*

3

Gallons per minute (gpm)

Unit of Measure\*

Amount Used (acre feet):\*

unknown

From Storage

Amount Used (acre feet):\*

none

By Diversion

**i** Specify the method of how the water is being diverted from the water body.

Note: The method of diversion is how the water is taken from the source.

Gravity

Method of Diversion:

Specific Method:\*

Pipe in unobstructed channel

Select all that apply.

**i** Specify the maximum instantaneous rate of withdrawal (using proposed equipment) that will be achieved at any time during the season of diversion. Measured in cubic feet per second (cfs) or gallons per minute (gpm). Maximum Instantaneous Rate:

3

Gallons per minute (gpm)

Unit of Measure\*

**i** Approximate lowest level of flow in the river, stream, or lake at the point of diversion during the proposed season of diversion in gpm or cfs. Lowest Level Flow:

10

Gallons per minute (gpm)

Unit of Measure\*

Has a Water Availability Analysis been completed for the project?

**i** Water Availability

Analysis: Analysis to

determine if the water can

No

If Yes, include a copy of the analysis in the Documents and Maps form.

be diverted without causing substantial adverse effects on downstream fish and wildlife resources. Water availability analyses are based on a comparison of flows without any diversions (unimpaired flows) and flows available when all known diversions are “subtracted” (impaired flows).

Response:\*

#### Has an Instream Flow Study been completed for the project?

**i** Instream Flow Study: Study to determine the minimum bypass flows needed and maximum rates of withdrawal possible to provide adequate depths and velocities to protect habitat for all life stage of aquatic resources. The study must be prepared by a qualified fisheries biologist and approved by CDFW, will determine the effects of the proposed diversion on flow depth and velocity.

Response:\*

No

If Yes, include a copy of the study in the Documents and Maps form.

#### Has a Water Quality Study been completed for the project?

**i** Water Quality Study: Study to assess the effects of the proposed water diversion or impoundment on water temperatures and water quality at and downstream from the point(s) of diversion.

Response:\*

No

If Yes, include a copy of the study in the Documents and Maps form.

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## Diversion 2

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**i** Complete the water use

below. For diversion rate, use gallons per day (gpd) if rate is less than 0.025 cubic foot per second (cfs) (approximately 16,000 gpd). California Code of Regulations Title 23, §659 et seq. defines beneficial uses of water and states that “the board will determine whether other uses of water are beneficial when considering individual applications to appropriate water”.


Season of Diversion:\*

Diversion Rate (cfs or gpm):\*


Beginning Date

Ending Date

Unit of Measure\*

 Specify the maximum instantaneous rate of withdrawal (using proposed equipment) that will be achieved at any time during the season of diversion. Measured in cubic feet per second (cfs) or gallons per minute (gpm). Maximum Instantaneous Rate:

Unit of Measure\*


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

Unit of Measure\*

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### Diversion 3

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 Complete the water use below. For diversion rate, use gallons per day (gpd) if rate is less than 0.025 cubic foot per second (cfs) (approximately 16,000 gpd). California Code of Regulations Title 23, §659 et seq. defines beneficial uses

Beginning Date

Ending Date



of water and states that “the board will determine whether other uses of water are beneficial when considering individual applications to appropriate water”.

Season of Diversion:\*

Diversion Rate (cfs or gpm):\*

Unit of Measure\*

**i** Specify the maximum instantaneous rate of withdrawal (using proposed equipment) that will be achieved at any time during the season of diversion. Measured in cubic feet per second (cfs) or gallons per minute (gpm).

Unit of Measure\*

Maximum Instantaneous Rate:

**i** Approximate lowest level of flow in the river, stream, or lake at the point of diversion during the proposed season of diversion in gpm or cfs. Lowest Level Flow:

Unit of Measure\*

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#### Diversion 4

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**i** Complete the water use below. For diversion rate, use gallons per day (gpd) if rate is less than 0.025 cubic foot per second (cfs) (approximately 16,000 gpd). California Code of Regulations Title 23, §659 et seq. defines beneficial uses of water and states that “the board will determine whether other uses of water are beneficial when considering individual applications to appropriate water”.

Season of Diversion:\*

Beginning Date

Ending Date

**Diversion Rate (cfs or gpm):\***

Unit of Measure\*

**i**Specify the maximum instantaneous rate of withdrawal (using proposed equipment) that will be achieved at any time during the season of diversion. Measured in cubic feet per second (cfs) or gallons per minute (gpm).  
**Maximum Instantaneous Rate:**

Unit of Measure\*

**i**Approximate lowest level of flow in the river, stream, or lake at the point of diversion during the proposed season of diversion in gpm or cfs.  
**Lowest Level Flow:**

Unit of Measure\*

**Diversion 5**

**i**Complete the water use below. For diversion rate, use gallons per day (gpd) if rate is less than 0.025 cubic foot per second (cfs) (approximately 16,000 gpd). California Code of Regulations Title 23, §659 et seq. defines beneficial uses of water and states that “the board will determine whether other uses of water are beneficial when considering individual applications to appropriate water”.  
**Season of Diversion:\***

Beginning Date

Ending Date

**Diversion Rate (cfs or gpm):\***

Unit of Measure\*

**i**Specify the maximum instantaneous rate of withdrawal (using proposed

Unit of Measure\*

equipment) that will be achieved at any time during the season of diversion. Measured in cubic feet per second (cfs) or gallons per minute (gpm). Maximum Instantaneous Rate:

**i** Approximate lowest level of flow in the river, stream, or lake at the point of diversion during the proposed season of diversion in gpm or cfs. Lowest Level Flow:

Unit of Measure\*

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Does the project include a reservoir(s)?

**i** Complete this section if the project includes the construction of a reservoir or pond, whether permanent or temporary, and/or the routine operation of an existing reservoir or pond by diverting or obstructing the flow of a river or stream. Response:\*

No

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### Commercial Cannabis Cultivation

Are you seeking documentation to submit to the California Department of Food and Agriculture's CalCannabis Licensing Division for the purpose of commercial cannabis cultivation licensing?

**i** If you are applying for, or have received, a commercial cannabis license from the California Department of Food and Agriculture, select yes. Response:\*

Yes

---

### Local Jurisdiction Authorization

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

Response:\*

Yes

If "Yes", attach the written authorization on the Documents and Maps form.

## Property Diagram

Are you in possession of a 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)?

**i**For Property Diagram requirements, refer to [calcannabis.cdfa.ca.gov](http://calcannabis.cdfa.ca.gov), or CDFA's Reference Guide for the Cultivation Plan.  
Response:\*

No

If "Yes", attach the Property Diagram in the Documents and Maps form.

**i**Provide a brief description explaining why the property diagram is not attached.  
Describe:\*

Real Estate Agent said County permit is transferable when landowner bought the property but County is asking for new cultivation application so plans are still being developed.

Character Limit: 1,000

## Cultivation Operation

Provide information regarding any temporary or annual license the California Department of Food and Agriculture has issued to the Entity, or that the Entity has applied or will apply for.

Type of Operation:\*

Existing cannabis cultivation operation

**i**The Premises is the designated structure(s) and land specified in the CDFA application that are in possession of and used by the applicant or licensee to conduct the commercial cannabis activity. There may be multiple APNs associated with the premises. Include ALL APNs associated with your CDFA application (if applicable) in this section. Unsure of your property APN? Click [here](#) to search by location or address.

523-025-005-000

Premises APN

Premises APN

Premises APN

County	Tax APN format
Alameda	No Standard Format
Alpine	123-456-789
Amador	123-456-789

Butte	123-456-789
Calaveras	123-456-789-000 (Always ends in "000")
Colusa	123-456-789-000 (Always ends in "000")
Contra Costa	123-456-789-0
Del Norte	123-456-789-000 (Always ends in "000")
El Dorado	123-456-789-000 (Always ends in "000")
Fresno	123-456-78
Glenn	123-456-789-000 (Always ends in "000")
Humboldt	123-456-789-000 (Always ends in "000")
Imperial	123-456-789-000 (Always ends in "000")
Inyo	123-456-789-00 (Ends "00" or "02" or "03")
Kern	123-456-78-00-1
Kings	123-456-789-000 (Always ends in "000")
Lake	123-456-789-000 (Always ends in "000")
Lassen	123-456-78-11
Los Angeles	1234-567-891
Madera	123-456-789-000 (Always ends in "000")
Marin	123-456-78
Mariposa	123-456-7890
Mendocino	123-456-78-01
Merced	123-456-789-000 (Always ends in "000")
Modoc	123-456-789-000 (Always

	ends in "000")
Mono	123-456-789-000 (Always ends in "000")
Monterey	123-456-789-000 (Always ends in "000")
Napa	123-456-789-000 (Always ends in "000")
Nevada	123-456-789-000 (Always ends in "000")
Orange	123-456-78
Placer	123-456-789-000 (Always ends in "000")
Plumas	123-456-789-000 (Always ends in "000")
Riverside	123-456-789
Sacramento	123-4567-891-0000 (Always ends in "0000")
San Benito	123-456-789-000 (Always ends in "000")
San Bernardino	1234-567-89-0000 (Always ends in "0000")
San Diego	123-456-78-00 (Always ends in "00")
San Francisco	1234-567
San Joaquin	123-456-789-000 (Always ends in "000")
San Luis Obispo	123-456-789
San Mateo	123-456-789
Santa Barbara	123-456-789
Santa Clara	123-45-678
Santa Cruz	123-456-78
Shasta	123-456-789-000 (Always ends in "000")



Sierra	123-456-789-0
Siskiyou	123-456-789-000 (Always ends in "000")
Solano	1234-567-891
Sonoma	123-456-789-000 (Always ends in "000")
Stanislaus	123-456-789-000 (Always ends in "000")
Sutter	12-345-678
Tehama	123-456-789-000 (Always ends in "000")
Trinity	123-456-78-00 (Always ends in "00")
Tulare	123-456-789-000 (Always ends in "000")
Tuolumne	123-456-789-000 (Always ends in "000")
Ventura	123-4-567-891
Yolo	123-456-789-000 (Always ends in "000")
Yuba	123-456-789-000 (Always ends in "000")

**Premises APNs:\***

Premises APN

Premises APN

Premises APN

Premises APN

Premises APN

Premises APN

**CDFA Annual/Provisional License #**

If Applicable

**CDFA Annual License Application #**If License has **not** been issued**State Water Resources Control Board - Cannabis**

If Applicable

**Cultivation General Order**

If available, include the WDID (Water Discharge Identification). Your WDID number can be found on the Notice of Applicability transmitted to you by the Regional Water Quality Control Board or State Water Quality Control Board.



North Coast Regional Water Quality Control Board



State Water Resources Control Board

May 11, 2018

WDID:1\_23CC401150

**WDID #****Water Supply**

Identify how all water is being supplied to the cannabis cultivation site(s). How many water supply sources serve the property, including the cannabis cultivation site(s)?

**Response:\***

1

**Water Source 1****How is water supplied?\***

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

[i Access Google Maps Help](#) to find your GPS latitude or longitude coordinates.  
GPS Coordinates:

40.96880

-123.59150

Latitude Minimum Requirement ##.#####

Longitude Minimum Requirement -###.#####

[i Access Google Maps Help](#) to find your GPS latitude or longitude coordinates.  
GPS Coordinates:

Latitude Minimum Requirement ##.#####

Longitude Minimum Requirement -###.#####

[i Access Google Maps Help](#) to find your GPS latitude or longitude coordinates.  
GPS Coordinates:

Latitude Minimum Requirement ##.#####

Longitude Minimum Requirement -###.#####

[i Access Google Maps Help](#) to find your GPS latitude or longitude coordinates.  
GPS Coordinates:

Latitude Minimum Requirement ##.#####

Longitude Minimum Requirement -###.#####

[i Access Google Maps Help](#) to find your GPS latitude or longitude coordinates.

Latitude Minimum Requirement ##.#####

Longitude Minimum Requirement -###.#####

**GPS Coordinates:**

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**California Licensed Professional or Qualified Environmental Consultant/Biologist**

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**Have you consulted with or retained a California licensed professional or qualified environmental consultant/biologist to address your cannabis cultivation?**

**Professional/Biologist:\***      No

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**Remediation**

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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.

An applicant (entity) must pay a remediation fee when all of the following apply:

1. The entity did not notify CDFW for a project that caused, or is causing, adverse effects on fish and wildlife resources.
2. The project supports or relates to cannabis cultivation, whether on or off a cultivation site.
3. The entity submits a written notification or request for the remediation project.

A notification may include more than one remediation project consistent with the LSA fee schedule. (Cal. Code Regs., tit. 14, § 699.5, subd. (b)(4))

**i**“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.

1

**Number of Locations  
Requiring Remediation:**

---

**Remediation 1**

---

**Are you required to perform the work described in the notification pursuant to a court or administrative agency notice or order?**

**Order or Notice?\***

No

If Yes, attach a copy of the NOV in the Documents and Map form.

**i**The project requiring remediation must be identified in the Project Location and Category form to be included here."

**Associated Project Name:\***

Judy A. Culvert Replacement

**Amount of Area Requiring Remediation:**

Remediation area less than or equal to 1,000 square feet

**Total Remediation area:\***

220

Square Feet

**Total Remediation Fee:**

\$3,187.75

**Has a plan to remediate the area been prepared?**

NOTE: If "Yes" is selected, attach a copy of the remediation plan in the Documents and Maps form. If "No" is selected, 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.

**Remediation Plan?\***

No

If Yes, attach a copy of the Remediation Plan in the Documents and Maps form.

## Agreement Term

**Agreement Term  
Requested:\***

Regular Term (5 years or less)

### Project Term

Specify both the year the project activities will begin and the year the project activities will end. Be advised CDFW may restrict work within a stream or lake to the dry season of the year. Consequently, you may want to include more than one season of possible operation in your project proposal.

**Beginning Year:\*** 2021  
YYYY

**Ending Year:\*** 2026  
YYYY

### Seasonal Work Period

Specify the time period you intend to work on the project (e.g., August 1 to October 15). If the work period will exceed one year, specify the work period for each year of the project (e.g., Work Period 1, February 10 to March 31; Work Period 2, August 1 to October 15; Work Period 3, February 10 to March 31; etc.). CDFW may restrict project work to certain periods depending on rainfall, fish migration, wildlife breeding or nesting season, or other resource concerns. Specify the estimated number of days of actual work days for each seasonal work period.

NOTE: If your project has more than five seasonal work periods, include document identifying the additional work periods in the Documents and Maps form.

<b>Work Period #1:*</b>	06/15/2021	10/15/2021	5
	Beginning Date	Ending Date	Number of Work Days
<b>Work Period #2:</b>	06/15/2022	10/15/2022	5
	Beginning Date	Ending Date	Number of Work Days
<b>Work Period #3:</b>	06/15/2023	10/15/2023	5
	Beginning Date	Ending Date	Number of Work Days
<b>Work Period #4:</b>	06/15/2024	10/15/2024	5
	Beginning Date	Ending Date	Number of Work Days
<b>Work Period #5:</b>	06/15/2025	10/15/2025	5

Beginning Date

Ending Date

Number of Work Days

## Project Impacts

### Impacts to River, Stream, or Lake

**i** Describe any foreseeable impacts (permanent or temporary) to the flow, bed, channel and bank of the river, stream, or lake.

Quantify the effects and impacts in the project vicinity by noting the type, volume, and dimensions of material displaced through grading, trenching or other forms of site alteration. Also include any foreseeable impacts (permanent or temporary) to the riparian zone on or adjacent to the bank of the river, stream or lake.

The riparian zone is the area that surrounds a channel or lake and supports (or can support) vegetation that is dependent on surface or subsurface water. Include the effects of your project activity to this zone at least to the outer (landward) edge of the drip line of any dependent vegetation.

Describe Impacts:\*

Project 1: Judy A. Culvert Replacement (40.96990, -123.59100)

Disturbance: It will excavate 21 yd<sup>3</sup>, disturb 22 feet of channel already occupied by road prism, and have a 220 square foot disturbance footprint within the road prism. This project is in a forested area but the vegetation adjacent to the crossing that maybe disturbed include herbaceous plants, and blackberry. A 12-inch diameter Red Alder, a 3-inch diameter Douglas-fir, and a 3-inch diameter big leaf maple will be removed to make space for the downspout.

Project 2. Judy A. POD (40.96880, -123.5915)  
None

Character Limit: 10,000

### Impacts to Special Status Species


Will there be any foreseeable impacts to any special status animal or plant species, or habitat that could support such species, known to be present on or near the project site?

**i** A special status species is an animal or plant species that meets any of the following criteria:

No

- The species is listed or proposed for listing under the State or federal Endangered Species Act.
- The species is designated as rare under the State Native Plant Protection Act.
- The species is identified as a candidate, sensitive, or special status species in a local, regional, State or federal list, plan, or policy.
- The species otherwise meets the definition of an endangered, rare, or threatened species under California Environmental Quality Act (CEQA) Guidelines section 15380 (Cal. Code Regs., tit. 14, § 15380).

**Special Status Species?\***

 Identify the source(s) of information (e.g., biological surveys, BIOS, environmental documents, etc.) that supports a “Yes” or “No” answer for the previous question. Provide web-link to document or attach the document in the Documents and Maps form. Source(s):\*

CNDDDB

Character Limit: 5,000

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**Impacts to Trees and Vegetation**

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**Will the project affect any trees or vegetation?****Response:\***

Yes

 Identify the type(s) of

Judy A. Culvert Replacement



**tree(s) or vegetation (i.e., trees such as oak, willow, or sycamore, and plant communities, such as salt marsh, freshwater marsh, wet meadow, willow thicket, riparian woodland, willow riparian woodland, desert wash woodland, riparian forest, oak riparian forest, redwood forest, riparian scrub, desert wash scrub, alkali sink scrub, oasis, vernal pool, bog, non-native, or ornamental) that will be affected by the project. Include temporary and permanent impacts with linear feet and total acres.**

**If trees *greater than 2 inches in diameter at breast height* (dbh) and/or mature shrubs will be removed as part of the project, specify the estimated number and species (if available) to be removed, and the range of trunk diameters measured at breast height. Trees can be grouped into size classes (i.e., four oak trees approximately 10 to 20 inches dbh). Attach a tree survey, if available.**

**If no trees or vegetation is being affected by this project, attach aerial photo with date supporting this determination in the Documents and Maps form.**

**Describe:\***

This project is in a forested area but the vegetation adjacent to the crossing that maybe disturbed include herbaceous plants, and blackberry. A 12-inch diameter Red Alder, a 3-inch diameter Douglas-fir, and a 3-inch diameter big leaf maple will be removed to make space for the downspout.

Character Limit: 5,000

## California Environmental Quality Act (CEQA)

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Has a CEQA lead agency been determined?

**i** Before identifying CDFW as the CEQA lead agency, please obtain approval from the CDFW regional office covering the project area.  
CEQA Lead Agency:\*

No

If the project described in this notification is not the “whole project”, or action pursuant to CEQA, briefly describe the entire project. If the project described in the notification is the entire project, insert the following statement in this box: “The project described in the notification is the entire project.”

**i** CDFW must comply with CEQA when issuing a final agreement for a project. CEQA defines a “project” as “the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment” (Cal. Code Regs., tit. 14, § 15378).  
Briefly Describe the Entire Project:\*

Compliance with Cannabis cultivation regulations

Character Limit: 5,000

## ***National Environmental Policy Act (NEPA)***

---

**Has a draft or final document been prepared for the project pursuant to the National Environmental Policy Act (NEPA)?**

**Draft or Final Document:**\*

No

If "Yes", attach a copy of the document in the Documents and Maps form.

## Measures to Protect Fish, Wildlife, and Plant Resources

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**i** Describe the methods or techniques that will be used to prevent sediment from entering any watercourses during and after construction. If you are unsure of which methods or techniques to prevent erosion would best minimize impacts at the project site, indicate "unknown".

Rock armor, downspout, dissipation armor, appropriately sized culvert, work when dry, mulch bare soil.

Character Limit: 5,000

CDFW staff can assist in providing the appropriate measures. Attach any additional documents, if available, in the Documents and Maps form.

**Sediment/Erosion Control:\***

**i** Describe any measures that will be incorporated into the project to avoid or minimize impacts to fish, wildlife, and plant resources. If you are unsure of which measures would best minimize impacts at the project site, indicate "unknown".

Rock armor, downspout, dissipation armor, appropriately sized culvert, work when dry, mulch bare soil.

Character Limit: 5,000

CDFW staff can assist in providing the appropriate measures. Attach any additional documents, if available, in the Documents and Maps form.

**Avoidance/Minimization Measures:\***

**i** Describe all measures that will be incorporated into the

Rock armor, downspout, dissipation armor, appropriately sized culvert, work when dry, mulch bare soil.

**project provide mitigation or compensation for impacts to fish, wildlife, and plant resources. If you are unsure of which measures would best provide mitigation or compensation for potential impacts at the project site, indicate "unknown."**

Character Limit: 5,000

**CDFW staff can assist in providing the appropriate measures. Attach any additional documents, if available, in the Documents and Maps form.**

**Mitigation/Compensation Measures.\***

## ***Prior Notifications and/or Agreements***

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### ***Prior Orders, Notice, and/or Violations***

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## ***Local, State, and/or Federal Permits***

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## Maps and Photos

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Map/Photo	
Project Site Map:*	Project.png
Project Aerial View Map:*	Aerial.png
Project Site Photo(s):*	20210205_125648.jpg
Project Site Photo(s):	20210205_130219.jpg
Project Site Photo(s):	20210205_130922.jpg

## Studies and Mapping

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**Has a biological study been completed for the project site?**

**Response:\***

No

If 'Yes', include a copy of the study in the Additional Documents and Maps section below.

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

**Response:\***

No

If 'Yes', include a copy of the study in the Additional Documents and Maps section below.

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

**Response:\***

No

If 'Yes', include a copy of the resource mapping/delineation in the Additional Documents and Maps section below.

## Additional Documents and Maps

#		
1. Description:	<a href="#">Drainage area map</a>	Drainage.png
2. Description:	<a href="#">Culvert Replacement Details</a>	Judy A Culvert nomograph.pdf
3. Description:	<a href="#">road left</a>	20210205_130111.jpg
4. Description:	<a href="#">road right</a>	20210205_130130.jpg
5. Description:	<a href="#">outlet future downspout</a>	20210205_130954.jpg
6. Description:	<a href="#">bank seep to crossing</a>	20210205_131956.jpg
7. Description:	<a href="#">18 inch outlet</a>	20210205_131000.jpg
8. Description:	<a href="#">POD</a>	IMG_8856_1431_intake.JPG
9. Description:	<a href="#">POD looking upstream</a>	IMG_8857_1431_intake.JPG
10. Description:	<a href="#">POD looking downstream</a>	IMG_8858_1431_intake.JPG
11. Description:	<a href="#">watercourse below POD</a>	IMG_8859_1431_below intake.JPG
12. Description:	<a href="#">POD current intake screen</a>	IMG_2742.JPG
13. Description:	<a href="#">Proof of Payment</a>	1600CheckForm.pdf
14. Description:		
15. Description:		
16. Description:		
17. Description:		
18. Description:		
19. Description:		
20. Description:		
21. Description:		
22. Description:		
23. Description:		
24. Description:		
25. Description:		

## Regular Term Notification Fees

<p><b>i</b>Select the Project Name previously entered in the Project Location and Category form. Project Name:</p>	<p><b>i</b>For the purposes of calculating the notification fee, "Project Cost Range" refers only to the project name identified above (i.e., subject to the notification requirements in Fish and Game Code section 1602), and not the overall project. Project Cost Range:</p>	<p><b>i</b>Project costs include, but are not limited to, the cost of all investigations, surveys, designs, labor, and materials required to complete the project. The project costs are intended to be primarily the costs associated with the construction and operation of actual project itself. These elements include labor, equipment, permanent materials, supplies, subcontracts (e.g., engineering surveys and investigations), overhead, and miscellaneous costs. An element not intended to be include the project cost are costs associated with other agency permits or licenses, mitigation, and CEQA or NEPA compliance. Actual Project Cost:</p>	Project Fee:
Judy A. Culvert Replacement	< \$5,000	\$4,800.00	\$627.75
Judy A. POD	< \$5,000	\$100.00	\$627.75
			\$1,255.50



## Long Term Notification Fees

<p><b>i</b>Select the Project Name previously entered in the Project Location and Category form. Project Name:</p>	<p><b>i</b>For the purposes of calculating the notification fee, "Project Cost Range" refers only to the project name identified above (i.e., subject to the notification requirements in Fish and Game Code section 1602), and not the overall project. Project Cost Range:</p>	<p><b>i</b>Project costs include, but are not limited to, the cost of all investigations, surveys, designs, labor, and materials required to complete the project. The project costs are intended to be primarily the costs associated with the construction and operation of actual project itself. These elements include labor, equipment, permanent materials, supplies, subcontracts (e.g., engineering surveys and investigations), overhead, and miscellaneous costs. An element not intended to be include the project cost are costs associated with other agency permits or licenses, mitigation, and CEQA or NEPA compliance. Actual Project Cost:</p>	Project Fee:
			\$0.00



## Remediation Fees

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 Select the Project Name previously entered in the Project Location and Category form. Project Name:	 Select the total remediated area associated with the Project Name identified above. Remediation Area:	Project Fee:
Judy A. Culvert Replacement	Remediation area less than or equal to 1,000 square feet	\$3,357.50
		\$3,357.50

## Total Fees Due

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Regular Term Agreement Fees:	\$1,255.50
Long Term Agreement Fees:	\$0.00
Remediation Fees:	\$3,357.50
<b>TOTAL (All Fees):</b>	<b>\$4,613.00</b>

***Payment Information***

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<b>Payment Information 1</b>	
<b>Payment Method:*</b>	Check/Money Order
<b>Document #:*</b>	
<b>Name of the Bank/Institution:*</b>	Simple BBVA USA
<b>Check/Money Order #:*</b>	0326

## Site Inspection

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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.

**CDFW Personnel Authorized to Enter Property:** Yes

I request CDFW to first contact the person identified below 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.

**First Contact this Person to Schedule Site Visit:** Yes

**Method of Contact:\*** Email  
Select all that apply

**Contact Name:\*** Ethan Coonen  
First Name Last Name

**Title/Position:** Forester

**Phone Number:\*** 707-497-4450

**Email:\*** ecoonen@nrmcorp.com

## Electronic Signature

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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 Certify:\*** Yes

---

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:\*** Yes

---

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:\*** Yes

---

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.

**I Understand:\*** Yes

---

**Electronic Signature:\*** Ethan Coonen  
First and Last Name

**Date:\*** 02/16/2021



## ***Documents from CDFW***

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## ***Documents to CDFW***

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## **Judy Anderson-Hulbert Project descriptions**

### **Project 1: Judy A. Culvert Replacement** (40.96990, -123.59100)

Condition: A rocked road crossing a class III watercourse and bank seep with a 30-inch and an 18-inch diameter culverts. With a 55-acre drainage area the Rational Method predicts a 100-year storm flow to be 60.9 cfs at this crossing. The 30-inch culvert is undersized, and the 18-inch culvert outlet is redundant and isn't aligned with the channel. Both approaches are rocked with gradients less than 10% and need drainage facilities. The crossing is a low point in topography.

Because the pipes are undersized and improperly designed, they shall be replaced with one 60-inch diameter culvert by the year 2024.

Work: Excavate existing culvert and trench for new culvert. Install a 60 inch diameter by 22 foot long culvert. Due to steep topography the culvert cannot be set to channel grade, instead the outlet will be fitted with a full round downspout and dissipation armor. With a greater culvert diameter, ~1 yards of fill will be displaced. At project completion at least 12 inches of fill will cover the top of the culvert. If road prism needs to be raised, apply and compact spoils over crossing until driving surface is at least 12 inches above top of culvert. Install 60 inch diameter downspout that extends at least 30 feet from culvert outlet. Use cables and stacks or trees to anker the downspout to the hillside. Armor inlet of culvert and outlet of downspout with 20 inch average diameter or greater rock to prevent erosion and dissipate water velocity. Dissipation armor shall extend 15 feet beyond downspout outlet. Construct critical dip to road-left. Line road for 40' in both directions with road base rock. Construct rolling dip 100 feet from crossing up road-right, above the bank seep. Work shall be completed by the year 2024.

Disturbance: It will excavate 21 yd<sup>3</sup>, disturb 22 feet of channel already occupied by road prism, and have a 220 square foot disturbance footprint within the road prism. This project is in a forested area but the vegetation adjacent to the crossing that maybe disturbed include herbaceous plants, and blackberry. A 12-inch diameter Red Alder, a 3-inch diameter Douglas-fir, and a 3-inch diameter big leaf maple will be removed to make space for the downspout.

### **Project 2. Judy A. POD** (40.96880, -123.5915)

Condition: Water has been diverted from a Class II watercourse, a tributary to Coon Creek, by a 1-inch diameter plastic pipe with screened intake.

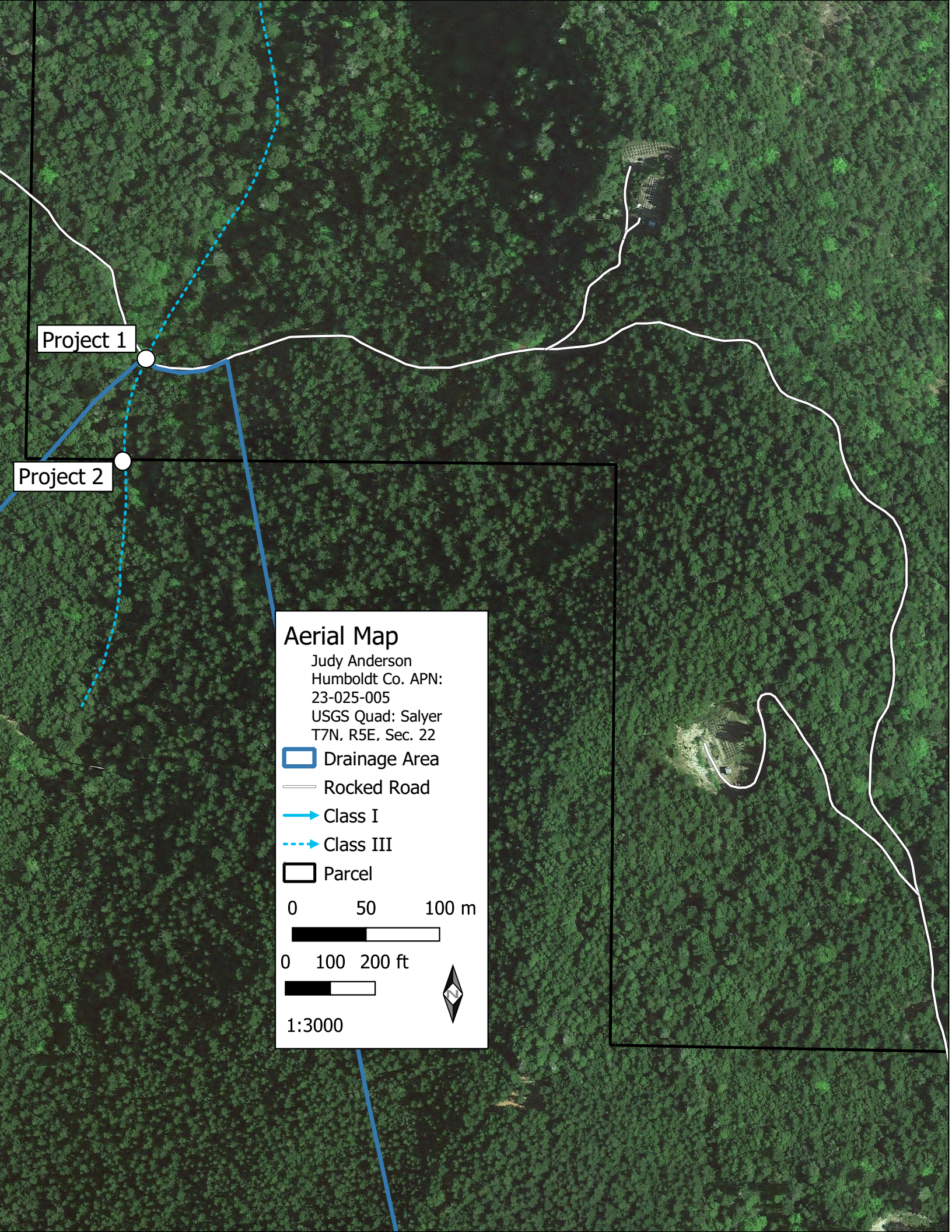
Work: fit intake with a screen with round openings 3/32-inch in diameter. The long axis of the screen shall be parallel to the streamflow and is not placed in pool habitat. No more than 3 gallons/minute will be diverted at any time. There is currently ~6,000 gallons of water storage for irrigation. Plans for additional temporary water storage for irrigation and domestic use are currently being prepared.

Prepare temporary storage tanks so that commercial water storage can be disconnected during forbearance period. A splitter with directional valve will be connected so that diverted water can be directed to either commercial or place of domestic use. A float switch shutoff valve will be installed in both water storage

systems to stop diverting water once storage reaches maximum capacity. Disconnect from commercial water storage by April 1 of each year and do not reconnect until November 1 (forbearance period).

Conditional use: In lieu of conducting a bypass flow study this POD will forbear commercial drafting from April 1 through October 31. Commercial drafting will only occur between November 1 and March 31. During forbearance period limited drafting may only occur for domestic purposes. Domestic Water will be serving 2 people during the forbearance period. No polluting materials were used to screen the diversion intake structure. The landowner will regularly inspect, clean, and maintain the screen in good condition. The intake will be blocked at the end of the diversionary period. Water use will be recorded weekly via water meter. Water use logs will be submitted to CDFW by December 31 of each year.





Project 1

Project 2

### Aerial Map

Judy Anderson  
Humboldt Co. APN:  
23-025-005  
USGS Quad: Salyer  
T7N, R5E, Sec. 22

 Drainage Area

 Rocked Road

 Class I

 Class III

 Parcel

0 50 100 m



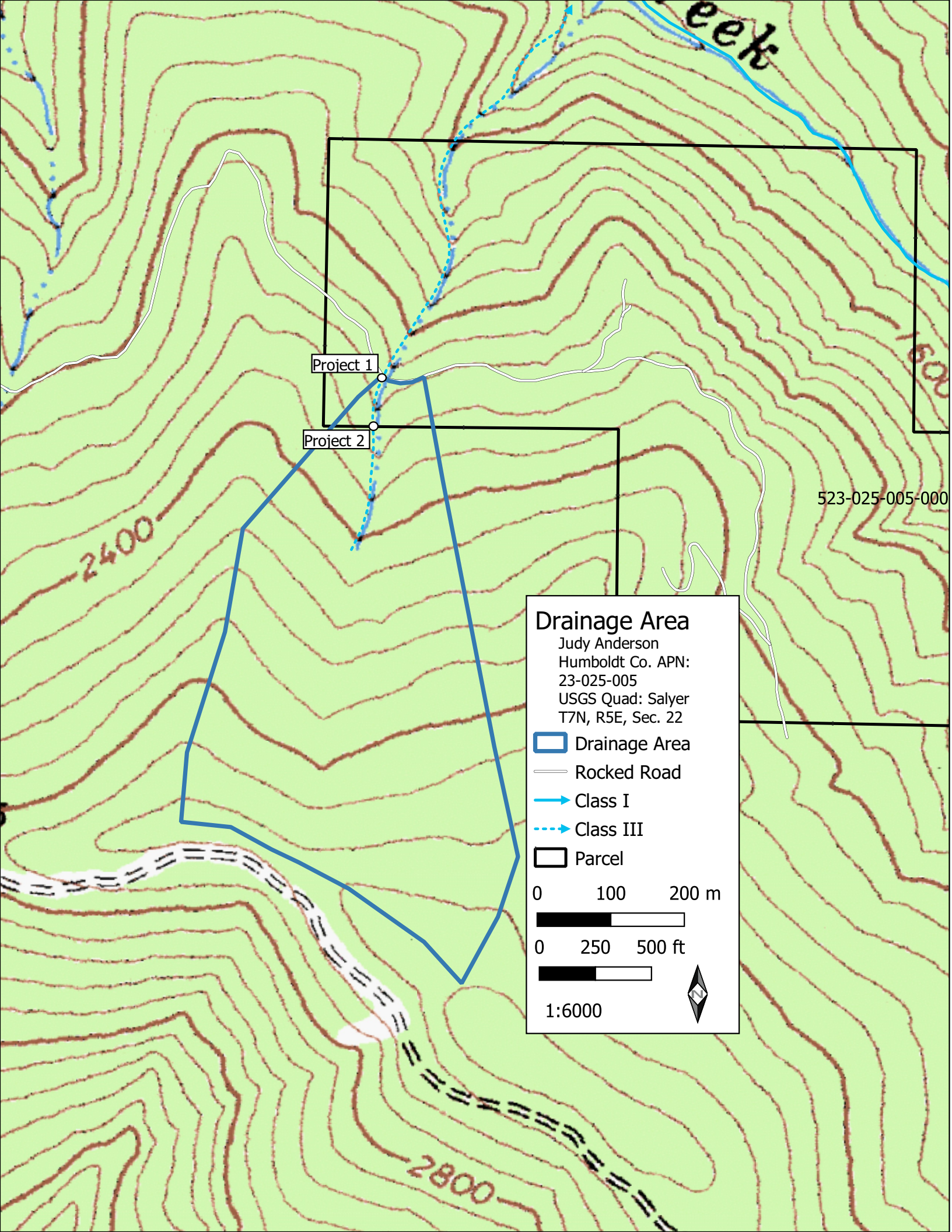
0 100 200 ft



1:3000







## Drainage Area

Judy Anderson  
Humboldt Co. APN:  
23-025-005  
USGS Quad: Salyer  
T7N, R5E, Sec. 22

 Drainage Area

 Rocked Road

 Class I

 Class III

 Parcel

0 100 200 m



0 250 500 ft



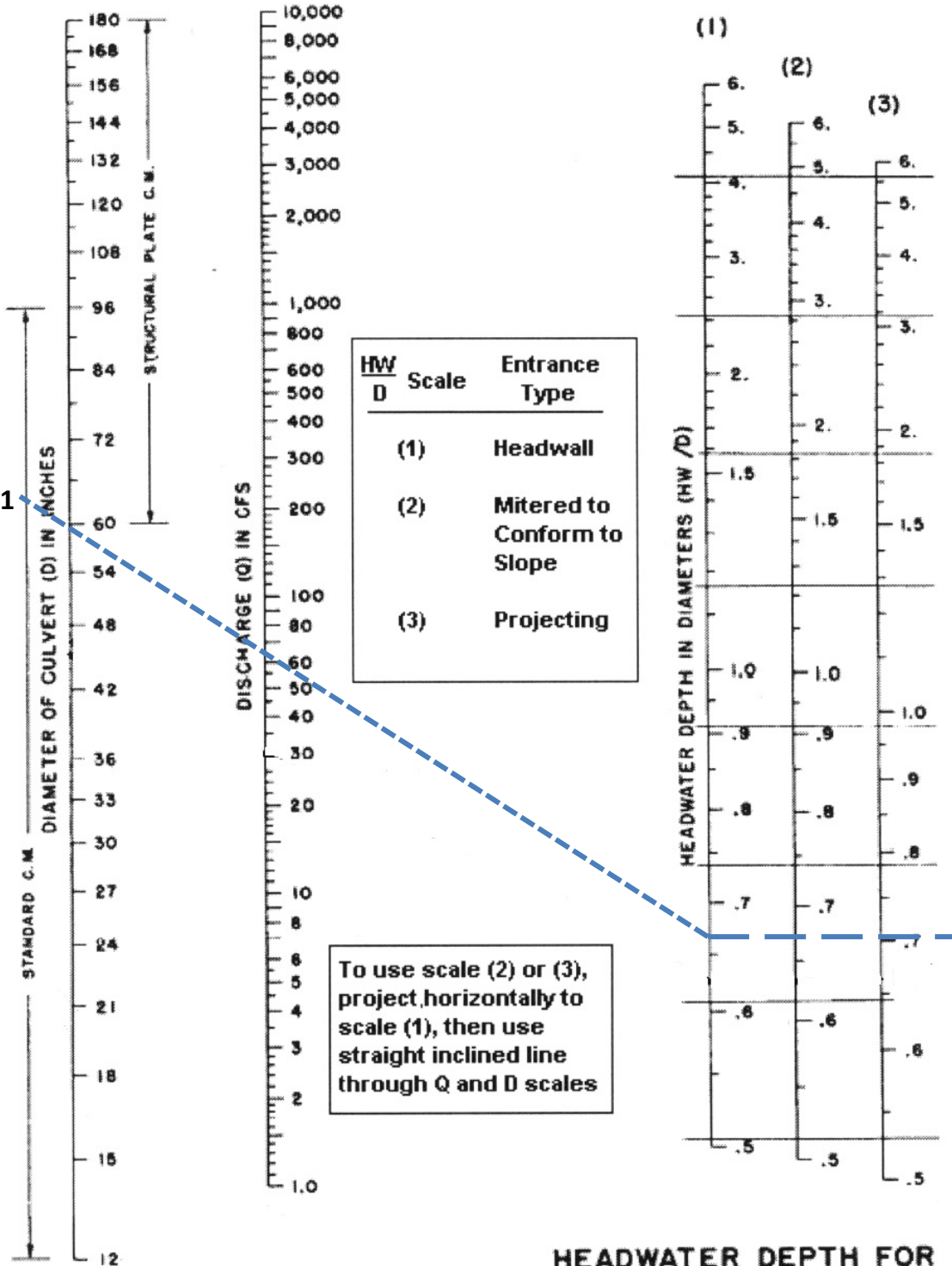
1:6000





# Judy Anderson

Crossing 1

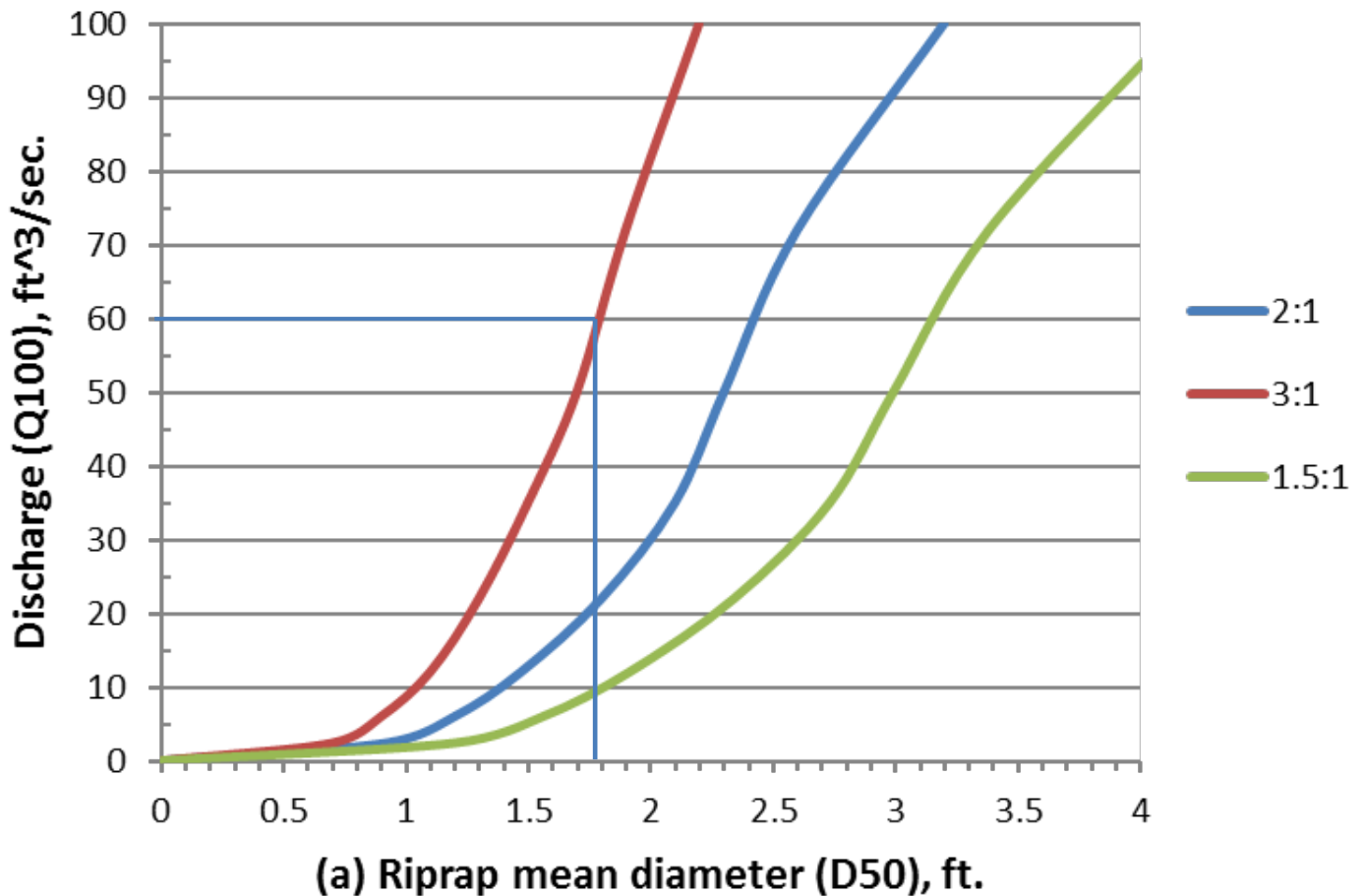


HEADWATER DEPTH FOR  
C. M. PIPE CULVERTS  
WITH INLET CONTROL

### Q100 Calculation for Judy Anderson

Crossing	$T_c = 60((11.9 \times L^3)/H)^{0.385}$			$Q_{100} = CIA$			
	Channel Length to top of basin (mi) L	Elevation Difference (ft) H	Concentration Time (min) Tc	Runoff Coefficient C	100-year Return-Period Precipitation (in/hr) I	Area (acres) A	100-yr flood flow (cfs) Q <sub>100</sub>
1	0.48	960	4.74	0.3	3.69	55	60.9

### Rock Size Nomograph for Judy Anderson

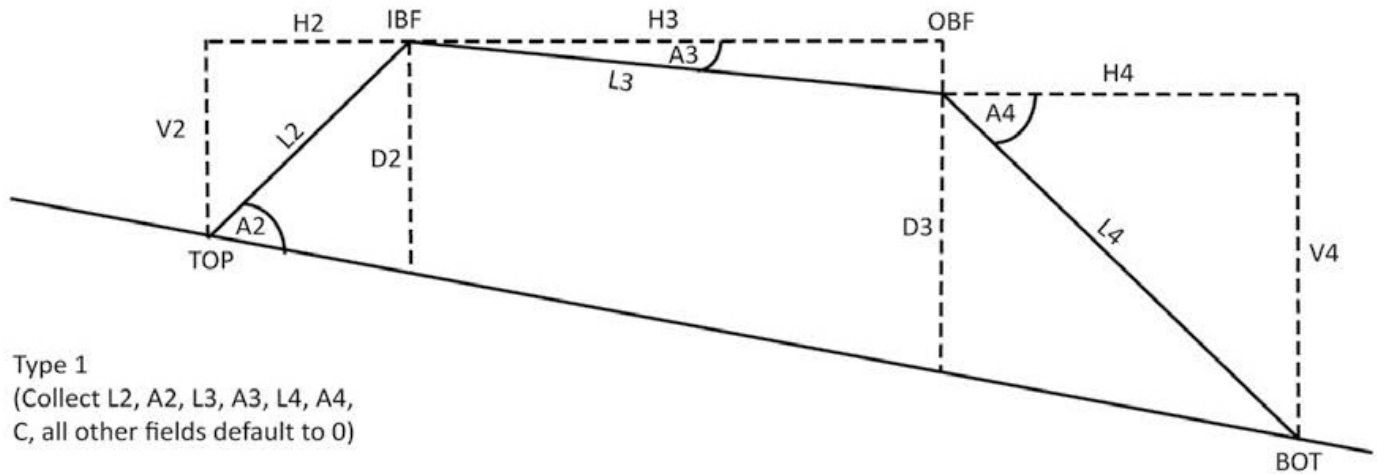




# Existing Fill Prism for Project 1 for Judy Anderson

	Data Entry		
Length of Sediment Fan	L1		ft
Length of Inboard Fillslope L2	L2	6	ft
Length of road bed L3	L3	15	ft
Length of Outboard Fill slope L4	L4	7	ft
Channel Width	C	1.5	ft
Slope (degrees) of sediment fan (A1)	A1		degree
Slope (degrees) of inboard fillslope (A2)	A2	70	degree
Slope (degrees) of road bed (A3)	A3	-10	degree
Slope (degrees) of outboard fillslope (A4)	A4	-70	degree

Variables				
Horizontal Components	H1	$L1 * \cos A1$	0.00	ft
	H2	$L2 * \cos A2$	2.05	ft
	H3	$L3 * \cos A3$	14.77	ft
	H4	$L4 * \cos A4$	2.39	ft
Vertical Components	V1	$L1 * \sin A1$	0.00	ft
	V2	$L2 * \sin A2$	5.64	ft
	V3	$L3 * \sin A3$	-2.60	ft
	V4	$L4 * \sin A4$	-6.58	ft
Fall Rate	F	$(V1+V2+V3+V4)/(H1+H2+H3+H4)$	-0.18	ft
Depth	D1	$V1 - (F * H1)$	0.00	ft
	D2	$(V1+V2) - (F * (H1+H2))$	6.02	ft
	D3	$(V1+V2+V3) - (F * (H1+H2+H3))$	6.14	ft
Cross Section Area (1:1)	XSA1	$C * D1 + n * (D1)^2$	0.00	ft^2
	XSA2	$C * D2 + n * (D2)^2$	45.22	ft^2
	XSA3	$C * D3 + n * (D3)^2$	46.86	ft^2



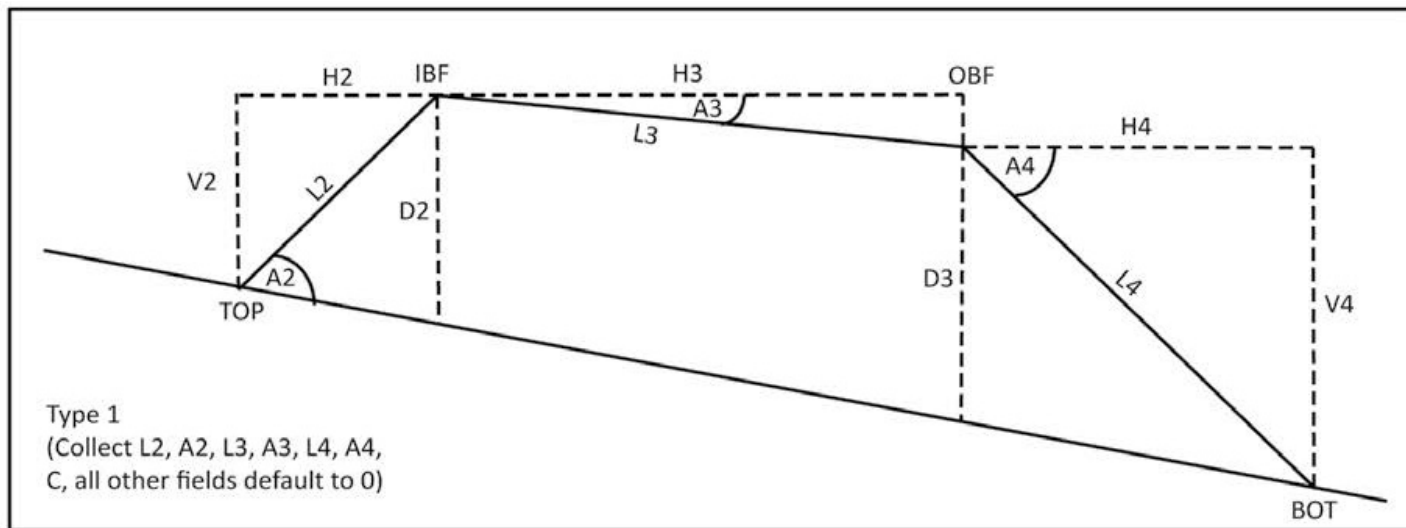
Volumes				
Type 1 Crossing	Vol TOP to IBF	$T2 = 1/3 * (XSA2 * H2)$	30.94	ft^3
	Vol IBF to OBF	$T3 = 1/3 * ((XSA2 + XSA3) * H3)$	453.42	ft^3
	Vol OBF to BOT	$T4 = 1/3 * (XSA3 * H4)$	37.40	ft^3

Total Volume		
Type 1 Crossing	19.324182	yd^3

## Rebuild Fill Prism for Project 1 for Judy Anderson

Variables				
Horizontal Components	H1	$L1 * \cos A1$	0.00	ft
	H2	$L2 * \cos A2$	4.60	ft
	H3	$L3 * \cos A3$	11.95	ft
	H4	$L4 * \cos A4$	5.30	ft
Vertical Components	V1	$L1 * \sin A1$	0.00	ft
	V2	$L2 * \sin A2$	4.60	ft
	V3	$L3 * \sin A3$	-1.05	ft
	V4	$L4 * \sin A4$	-5.30	ft
Fall Rate	F	$(V1+V2+V3+V4)/(H1+H2+H3+H4)$	-0.08	ft
Depth	D1	$V1 - (F * H1)$	0.00	ft
	D2	$(V1+V2) - (F * (H1+H2))$	4.96	ft
	D3	$(V1+V2+V3) - (F * (H1+H2+H3))$	4.88	ft
Cross Section Area (1:1)	XSA1	$C * D1 + n * (D1)^2$	0.00	ft <sup>2</sup>
	XSA2	$C * D2 + n * (D2)^2$	49.47	ft <sup>2</sup>
	XSA3	$C * D3 + n * (D3)^2$	48.18	ft <sup>2</sup>

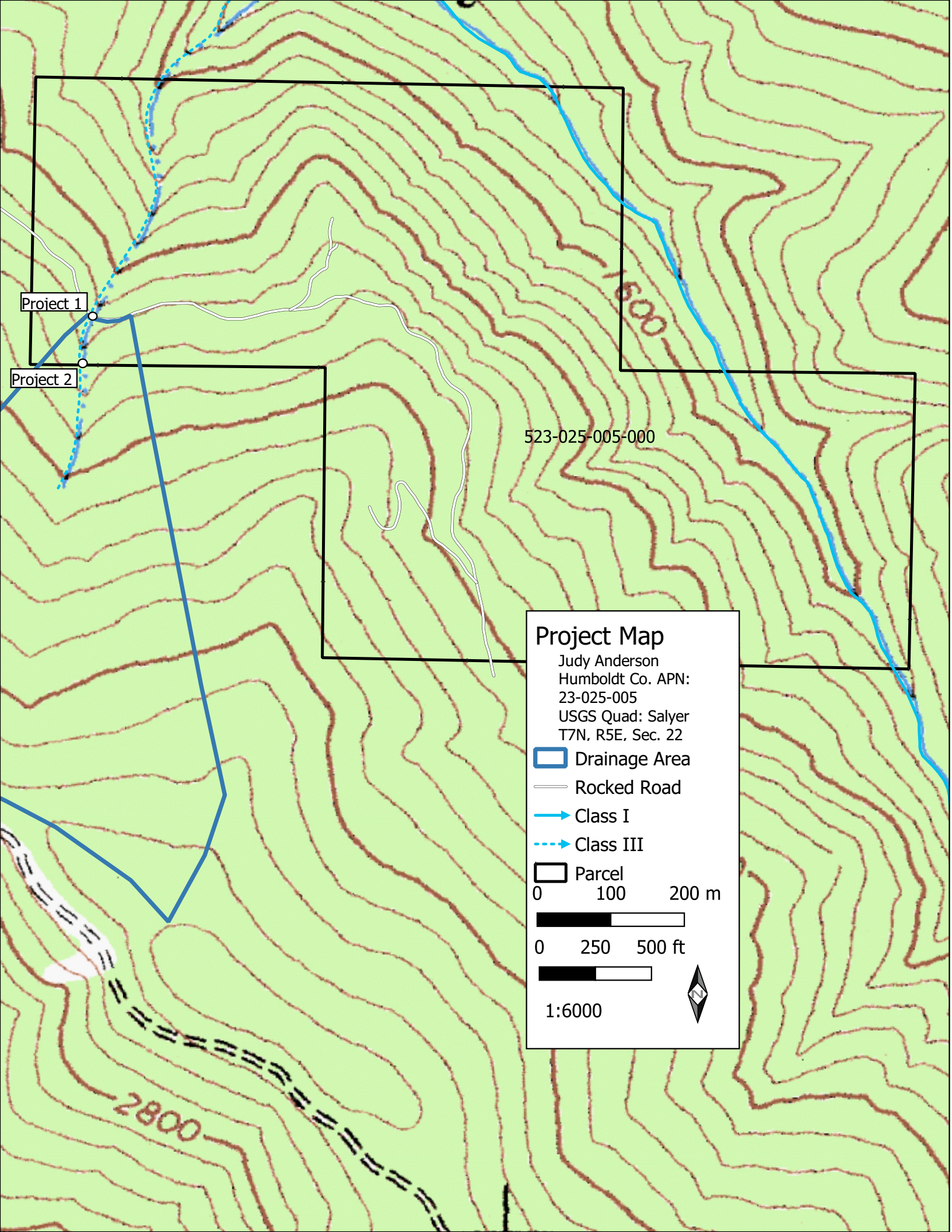
Data Entry			
Length of Sediment Fan	L1		ft
Length of Inboard Fillslope L2	L2	6.5	ft
Length of road bed L3	L3	12	ft
Length of Outboard Fill slope L4	L4	7.5	ft
Channel Width	C	5	ft
Slope (degrees) of sediment fan (A1)	A1		degrees
Slope (degrees) of inboard fillslope (A2)	A2	45	degrees
Slope (degrees) of road bed (A3)	A3	-5	degrees
Slope (degrees) of outboard fillslope (A4)	A4	-45	degrees



Volumes				
Type 1 Crossing	Vol TOP to IBF	$T2 = 1/3 * (XSA2 * H2)$	75.80	ft <sup>3</sup>
	Vol IBF to OBF	$T3 = 1/3 * ((XSA2 + XSA3) * H3)$	389.14	ft <sup>3</sup>
	Vol OBF to BOT	$T4 = 1/3 * (XSA3 * H4)$	85.18	ft <sup>3</sup>

Total Volume		
Type 1 Crossing	20.3748	yd <sup>3</sup>










Project 1

Project 2

523-025-005-000

### Project Map

Judy Anderson  
Humboldt Co. APN:  
23-025-005  
USGS Quad: Salyer  
T7N, R5E, Sec. 22

-  Drainage Area
-  Rocked Road
-  Class I
-  Class III
-  Parcel

0 100 200 m



0 250 500 ft



1:6000

