From:

Arifian, Pamela

To:

Paul Bartelt; Michael Grimes

Cc:

McDowell, John

Subject:

FW: P19-00203-UP Burhenne Residence 1080 Greenfield Rd, St. Helena APN 025-390-006

Date:

Thursday, April 22, 2021 11:47:00 AM

Paul and Michael, please see Patrick's summary of conversation with Garrett, below.

Thanks,

Pam

Pam Arifian
Planner III
Napa County Planning, Building, & Environmental Services Department
1195 Third Street, 2nd Floor, Napa CA 94559
(707) 259-5934
www.countyofnapa.org

From: Ryan, Patrick C. <Patrick.Ryan@countyofnapa.org>

Sent: Thursday, April 22, 2021 8:18 AM

To: Arifian, Pamela <pamela.arifian@countyofnapa.org>

Subject: RE: P19-00203-UP Burhenne Residence 1080 Greenfield Rd, St. Helena APN 025-390-006

Yes, I was able to speak with Garrett (DFW), and we both agreed that the keyed log dissipation would be suitable for the two (2) 4" outlets with level spreader provided the keyed log barrier is installed from bottom of channel to the invert of the subject outlet and extends horizontally to the full width of discharge and flow. With respect to the 8" corrugated PVC pipe it is recommended that a more traditional rock/rip rap outlet dissipation and embankment armoring be installed from bottom of channel to pipe invert.

Let me know if you'd like any additional information.

-Patrick

		FOR DEPA	RTMENT 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 <u>instructions</u> and submit ALL required enclosures, attachments, and fee(s) to the <u>CDFW regional office</u> that serves the area where the project will occur. Attach additional pages to notification, if necessary.

1. APPLICANT PROPOSING PROJECT

Roseann Burhenne				
Mailing Address 1080 Greenfield Road				
St. Helena, CA, 94574				
(408) 205-3168				
rburhenne@gmail.com				

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

Name	Michael Grimes					
Business/Agency	Bartelt Engineering					
Mailing Address	1303 Jefferson Street, Suite 200 B					
City, State, Zip	Napa, CA 94557					
Phone Number	(707) 258-1301					
Email	MichaelG@BarteltEngineering.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	e. No, I do not authorize.					
	•					

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

Name	
Mailing Address	
City, State, Zip	
Phone Number	
Email	

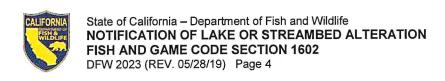
4. PROJECT N	NAME AND AGREE	MENT TERM						
A. Project Name		1080 Greenfield Road Storm Drain Outfall Improvements						
B. Agreement Term Requested		Regular (5 years or less) Long-term (greater than 5 years)						
C. Project Ter	m	Beginning (year) 2020 Ending (year) 20				2020		
D. Seasonal	Work Period	ą.	(# C		H			
Season(s)* Start Date (month/day)		300007775	End Date (<i>month/day</i>)		E. Number of Work Days			
1	06/01		06/01		2			
2								
3								
4								
5								
* Continue on additional page(s) if necessary 5. AGREEMENT TYPE								
Check the applicable box. If boxes B – F are checked, complete the <u>specified attachment</u> .								

••••						
Che	ck the applicable box. If boxes B – F are checked, complete the	ne specified attachment.				
A.	Standard (Most construction projects, excluding the categories listed below)					
В.	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:					
Н.	Master					
l.	Master Timber Operations					

6. FEES

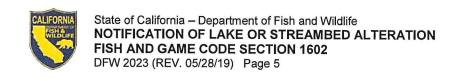
	A. Project Name		B. Project Cost	C. Project Fee
	1080 Greenfield Road Storm Drain Out	fall Improvements	\$2,500	\$609.25
			9	
			-	
)				
_				
			D. Base Fee (if applicable)	\$0.00
	neck, money order, and <u>Visa or MasterCard</u>	<u>t</u> (select Environmer	E. TOTAL FEE*	\$609.25
PF . H	neck, money order, and <u>Visa or MasterCard</u> RIOR NOTIFICATION AND ORDERS as a notification previously been submitted by, CDFW for the project described in this no	to, or a Lake or Stre	E. TOTAL FEE* ntal Fees from Menu) payme	\$609.25
PF . H	RIOR NOTIFICATION AND ORDERS as a notification previously been submitted	to, or a Lake or Stre	E. TOTAL FEE* ntal Fees from Menu) payme	\$609.25 ents are accepted.
PF . H b:	RIOR NOTIFICATION AND ORDERS as a notification previously been submitted y, CDFW for the project described in this no	to, or a Lake or Streetification?	E. TOTAL FEE* Intal Fees from Menu) payme	\$609.25 ents are accepted.
PF by A	RIOR NOTIFICATION AND ORDERS as a notification previously been submitted y, CDFW for the project described in this no Yes (<i>Provide the information below</i>)	to, or a Lake or Streetification? 「No Notification Numb	E. TOTAL FEE* Intal Fees from Menu) paymer eambed Alteration Agreeme	\$609.25 ents are accepted. Int previously been issued the second secon
PF. H	as a notification previously been submitted by, CDFW for the project described in this not like and the information below) Populary (Provide the information below)	to, or a Lake or Streetification? No Notification Numbers to a court or admer, notice, or NOV. It	E. TOTAL FEE* Intal Fees from Menu) payment eambed Alteration Agreement oer Experiment inistrative order or notice, or	\$609.25 ents are accepted. Int previously been issued a notice of violation to notify CDFW verball mit this notification, the
PF. H	as a notification previously been submitted by, CDFW for the project described in this not like and the information below) Populary (Provide the information below)	to, or a Lake or Streetification? No Notification Number, notice, or NOV. It ify the person who cats, and describe the	E. TOTAL FEE* Intal Fees from Menu) payme eambed Alteration Agreeme per E inistrative order or notice, or f the applicant was directed directed the applicant to sub-	\$609.25 ents are accepted. Int previously been issued a notice of violation to notify CDFW verball mit this notification, the

Continued on additional page(s)



8. PROJECT LOCATION

A. Address or descript	tion of pr	oject 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.)							
The project is located at 1080 Greenfield Road, St. Helena, CA which is at the end of Greenfield Road in Napa County, CA. A location map is provided on sheet 1 of the attached plans prepared by Bartelt Engineering.							
Driving Directions: Take Silverado Trail to Howell Mountain Road, turn East on Howell Mountain Road, drive 1.2 miles to Conn Valley Road, continue Easterly for 1 mile on Conn Valley Road, turn North on Greenfield Road and continue 1.5 miles to the end of the road.							
]	Continued on a	dditional page(s)
B. River, stream, or lal	ke affecte	ed by the project. Unnar	ned draina	ge	course		
C. What water body is	the river	, stream, or lake tributary to	? Lake H	eni	nessy		
D. Is the river or strear state or federal Wil		ent affected by the project li enic Rivers Acts?	sted in the		Yes	₽No	Unknown
E. County		Napa County					
F. USGS 7.5 Minute C	luad Map	Name	G. Townsh	ip	H. Range	I. Section	J. ¼ Section
Saint Helena			8N		5W	26	NW
		,					
						Continued on a	dditional page(s)
K. Meridian (check one	e)	Humboldt	Mt. Diablo		☐San Bern	ardino	
L. Assessor's Parcel N	lumber(s	3)					
025-390-006							
4							
	,					Continued on a	dditional page(s)
M. Geographic coordinates (<i>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.</i>)							
	Latitude	2:38.519238°		1	ongitude: -122	.384805°	
	Latitude);		1	_ongitude:		
Latitude/Longitude	Latitude	p:		1	_ongitude:		
-	Latitude	p:		1	_ongitude:	· · · · · · · · · · · · · · · · · · ·	
	Latitude						



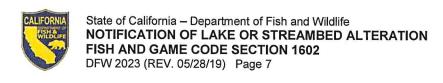
9. PROJECT CATEGORY

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		, D	
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):			

10. PROJECT DESCRIPTION

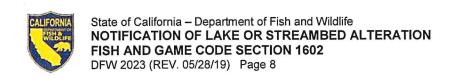
- A. Describe the project in detail. Include photographs of the project location and immediate surrounding area.
 - Written description of all project activities with detailed step-by-step description of project implementation.
 - Include any structures (e.g., rip-rap, culverts) that will be placed or 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 <u>Using Google Earth to Map your Property (PDF)</u>.

The project includes the following work at the three (3) discrete existing pipe outfalls below an unnamed drainage course top of bank as shown in details and photographs on the attached plan sheets: 1) approximately 1.5 feet of 4 inch perforated PVC pipe will be installed as a T-spreader on the end of an existing 4 inch subdrain pipe protruding from the drainage course bank. From the T-spreader, approximately 4.5 feet of a 4 foot-wide biodegradable erosion control blanket (Tensar North American Green C125BN or approved equal) will be installed vertically on the bank until it reaches the toe of the drainage course bank. An eight (8) to 12 inch diameter log (or logs), the width of the erosion control blanket, will be placed parallel to the thalweg and on top of the erosion control blanket where the blanket terminates at the toe of the bank; 2) approximately 1.5 feet of 4 inch perforated PVC pipe will be installed as a T-spreader on the end of an existing 4 inch subdrain pipe protruding from the drainage course bank. Starting from the T-spreader, approximately 20 inches above the toe of the bank, eight (8) to 12 inch diameter logs, the width of the T-spreader, will be keyed into the side of the bank parallel to the thalweg until they reach the toe of the bank; and finally, 3) Starting from an existing eight (8) inch pipe outfall protruding from the drainage course bank approximately 4 feet above the toe of bank, eight (8) to 12 inch diameter logs, 24 inches long will be keyed into the side of the bank parallel to the thalweg. The erosion control blanket, T-spreader, and keyed logs details are show on the project plans. ☐ Continued on additional page(s) B. Specify the equipment and machinery that will be used to complete the project. All work will be done by hand or by using standard hand tools. No machinery will be utilized for this project ☐ Continued on additional page(s) C. Will water be present during the proposed work period (specified in box 4.D) in Yes No (Skip to box 11) the stream, river, or lake (specified in box 8.B). Yes (Enclose a plan to divert water around work site) D. Will the project require work in the wetted portion of \prod_{No} the channel?

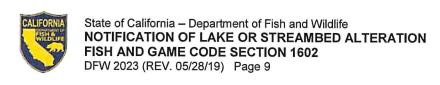


11. PROJECT IMPACTS

A. Describe impacts to the bed, channel, and Specify the dimensions of the modification volume of material (cubic yards) that will be	ns in length (linear feet) and area (squa	re feet or acres) and the type and
Project impacts to the bed and bank or construct the improvements described Human labor using hand-tools will inst 1) 32+/- square feet of creek bank will 2) less than 0.25 cubic yards of bank will be seen to be a seen and the square feet of creek bank will 2.	in item 10.A above. No machiner all the proposed improvements. Thave an erosion control blanket in	ry is proposed for the project. The impacts are summarized as: Installed directly upon it; and,
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
	Linear feet: 0.00	Linear feet: 0.00
none	Total area: 0.00	Total area: 0.00
	Linear feet:	Linear feet:
	Total area:	Total area:
Tree Species	Number of Trees to be Removed	Trunk Diameter (range)
None	0	n/a
,		
		Continued on additional page(s)
C. Are any special status animal or plant spener the project site?	cies, or habitat that could support such	species, known to be present on or
Yes (List each species and/or describe	the habitat below)	Unknown
		Continued on additional page(s)
D. Identify the source(s) of information that so	upports a "yes" or "no" answer above in	Box 11.C.
Napa County Parcel Report, dated April 1 Map, dated March 4, 2019.	0, 2020, and Napa County Sensitivi	ty Continued on additional page(s)
E. Has a biological study been completed for	the project site?	
Yes (Enclose the biological study)	ĽNo.	
Note: A biological assessment or study ma	y be required to evaluate potential proj	ect 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))
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)
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.
The primary technique that will be used to prevent sediment, hazardous, or other deleterious materials from entering watercourses during and after construction is the implementation of manual labor rather than machinery. Hand tools will be used to carefully excavate the volume of soil needed to key in the proposed logs. This material will be disposed of properly elsewhere on the parcel outside the top of bank. Installation and construction will be performed per the details on the plans which are current and approved industry standard practices conforming to California Stormwater Quality Association (CASQA) Best Management Practices handbooks.
☐ Continued on additional page(s)
B. Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.
This project's minimization measures to protect fish, wildlife, and plant resources are 1) to implement manual labor and hand tools to minimize any disturbance below the top of the drainage course bank, bed, and channel; 2) re-purposing natural materials (logs) found onsite; 3) utilization of biodegradable erosion control blankets; and, 4) project scheduling during dry season when no water will be present in the drainage course.
Continued on additional page(s)
C. Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.
This project proposes to implement manual labor, hand tools, natural and biodegradable materials, and scheduling to protect fish, wildlife, and plant resources. The use of manual labor and hand tools will reduce the disturbed area. No vegetation is proposed to be removed. Scheduling construction when the drainage course is dry will decrease disruption to the bed and bank. All of these measures, as well as the project itself, intend to reduce and/or minimize erosion of the drainage course bank and bed which should decrease sediment transport within the watercourse thereby improving the health of the fish, wildlife, and vegetation in the surrounding area and downstream.



13. PERMITS

List any local, State, and each permit that has been	federal permits required for issued.	or the project and	check the correspondir	ig box(es). Er	nclose a copy of	
A. Napa County Use Permit (P19-00203)				Applied	Issued	
В				Applied	☐Issued	
C.				Applied	☐Issued	
D. Unknown whether	local ∏State or ∏f	federal nermit is ne	eeded for the project. (
			p		additional page(s)	
14. ENVIRONMENTAL REVIEW						
A. Has a <u>CEQA</u> lead ager	ncy been determined?	Yes (Complete I	boxes B, C, D, E, and F	F)	kip to box 14.G)	
B. CEQA Lead Agency	Napa County					
C. Contact Person	Joan Gargiulo D. Phone Number			707-299	-1361	
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 ☐Initial Study ☐Negative Declaration ☐THP/NTMP	☐ Mitigated Negative Declaration ☐ Environmental Impact Report ☐ Notice of Determination (Enclose) ☐ Mitigation, Monitoring, & Reporting Plan			cument (<i>type</i>)	:	
F. State Clearinghouse No	umber (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).						
Section 10, "Project Dand at the top of the o			nnel.		urring within	



State of California – Department of Fish and Wildlife NOTIFICATION OF LAKE OR STREAMBED ALTERATION

FISH AND GAME CODE SECTION 1602 DFW 2023 (REV. 05/28/19) Page 10

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 <u>CEQA filing fee</u> 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.					
Napa County, acting as the Lead Agency, has not finalized the CEQA application as of the date of					
this application.					
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) Michael Grimes at					
(insert phone number or email address) 707-258-1301 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.					
An 13/1/20					
Signature of Applicant or Applicant's Authorized Representative Date					
Cignatal Confident of Applicant of Nation 200 (100)					
Danaana Duwhanna					
Roseann Burhenne					
Print Name					