



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

CLEAN WATER ACT §401 WATER QUALITY CERTIFICATION APPLICATION FORM

(Use only for multi-regional projects, otherwise use the appropriate Regional Board application form)

1. APPLICANT/AGENT INFORMATION

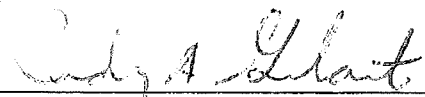
a) Applicant: Randy Gulate	b) Agent ¹ : Phill Blake, RSA+
Address: 780 Trancas St.	Address: 1515 Fourth St.
Napa, CA 94558	Napa, CA, 94559
Phone No. 707.255.0845	Phone No. 707.252.3301
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E-mail Address: r.gulate@ggsir.com	E-mail Address: pblake@rsacivil.com


Have you previously contacted the Regional Board staff regarding this project? If 'yes' provide information on date, person, and brief summary of subject matter.

Yes. Agnes Farres, SFRWQCB visited the site December 4, 2018. We went over preliminary mapping and visited the creek and general development site.

STATEMENT OF AUTHORIZATION

I hereby authorize Phill Blake, RSA+ to act in my behalf as my agent in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.


Applicant's Signature


Date

¹Complete only if applicable

2. PROJECT DESCRIPTION

a) Project Title: Zinfandel Estates Salvador Creek Floodplain Mitigation Project
b) Project Purpose: Create stream terraces, construct bio/retention areas, remove an existing bridge, plant native vegetation, and construct 2 storm water outfalls to provide floodplain mitigation and management for construction of a residential development near Salvador Creek.
c) Project Activities: 1) Construct flood terraces along portions of Salvador Creek to mitigate potential increases in flooding associated with loss of floodplain. Terraces will be constructed above the OHWM. 2) Remove an existing 13 foot wide by 42 foot long concrete pedestrian bridge and support columns from the bed and bank of the creek. 3) Remove 4 cubic yards of concrete rubble from the creek channel. 4) Install two, (2) storm drain outfalls to the creek, above OHWM. 5) Remove 13 native and non-native

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

trees 2" DBH or larger and provide replacement mitigation plantings on constructed floodplain terraces.
6) Construct two, (2) bio/retention areas along the creek, above OHWM to remediate storm runoff and protect water quality.

See attached project description and plans for further detail.

d) Proposed Schedule (start-up, duration, and completion dates):

Commence construction June, 2020. Total work period is 80 days to project completion on October 31, 2020.

3. FEDERAL LICENSES/PERMITS

a) Federal Agency(ies)/File Number(s):

U.S. Army Corps of Engineers _____ Other: Currently filed. _____

File No.(s) (if known): _____

b) Permit Type(s) (please provide permit number(s) if known):

Nationwide Permit No.(s) _____ Regional General Permit No.(s) _____

Individual Permit _____ Other _____

c) Does the project require any Federal Application(s), Notification(s) or Correspondence?

Yes _____ (attach copy[ies]) No x _____ (attach detailed explanation)

EXPLANATION: All work will be performed above OHWM. No wetlands will be filled or otherwise altered.

d) Provide copies of the license/permit/application. (Attached).

4. OTHER LICENSES/PERMITS/AGREEMENTS

a) Please list all other required, including local regulatory approvals (submit final or draft copy if available). Include information on any De-watering, NPDES, and Storm Water permits.

Agency	License/Permit/Agreement	Permit No.	Approval Date
CDFW	Lake and Streambed Alteration Agreement		Pending
City of Napa	Tentative Subdivision Map		Pending

b) Does the project require a Federal Energy Regulatory Commission (FERC) license or amendment to a FERC license?

No x _____ Yes _____ (attach application copy)

5. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Indicate CEQA Document (submit final or draft copy if available*):

Type of CEQA Document	Date of filing of Notice of Exemption/ Preparation and Name of Lead Agency
Statutory Exemption/Class Title	
Categorical Exemption/Class Title	*Expected. The City of Napa will serve as CEQA lead agency through the county grading permit process. Pending.
Negative Declaration	
Mitigated Negative Declaration	
Environmental Impact Report	

***City of Napa findings are pending. Final CEQA Document findings are unknown at this time.**

Note: Ample time must be provided to the certifying agency to properly review a final copy of valid CEQA documentation before certification can occur.

6. APPLICATION FEE

Provide an initial deposit of \$200.00 _____ for the application. Please write a check made out to the State Water Resources Control Board.

Is a check enclosed? Yes x No. _____ Check Number _____ Amount \$ 200.00

7. PROJECT SITE DESCRIPTION – GENERAL (Include areas outside of US waters)

a) Project Location (attach map of suitable quality and detail):

City or Area: City of Napa

County: Napa

Longitude/Latitude 38 deg 20' 04" N -122 deg 18' 52" W _____

b) Total Project Size: 0.83 acres 1,215 linear feet (if appropriate)

c) Site description of the entire project area (including areas outside of jurisdictional water of the US):

A total of 0.51 acres, (1,215 lineal feet) of existing riparian area and vineyard will be modified to create 0.83 acres of riparian zone. The volume of bank area to be excavated equals 4,400 cubic yards of soil. Two, (2) bio/retention areas will be constructed adjacent to the creek, totaling 0.262 acres. A total of 633 cubic yards of soil will be excavated to create the retention areas.

8. WATER BODY IMPACT

a) **Water Body Name(s)**²:

Clearly indicate on a published map of suitable detail, quality, and scale (1:24K) to allow the certifying agency to easily identify the area(s) and water body(ies) receiving any discharge. The project will proceed on both the north and south sides of Salvador Creek, as shown in the attached mapping.

b) **Fill and Excavation:** Indicate in ACRES and/or LINEAR FEET the proposed waters to be impacted, and identify the impacts(s) as permanent and/or temporary for each water body type listed below:

Water Body Type	Permanent Impact		Temporary Impact	
	Acres	Linear Feet	Acres	Linear Feet
Wetland ³				
Streambed				
Lake/Reservoir				
Ocean/Estuary/Bay				
Riparian	0.772	1,215	0.772	1,215
Non-Federal Waters				

Provide the name, title, and affiliation of person that carried out wetland delineation.

Wetlands not delineated. The attached biological resources report comments on project wetland status.

c) **Dredging: Total** volume (cubic yards) of dredged material proposed for project. N/A

d) Provide information on the Q₂, Q₁₀, Q₁₀₀ for pre- and post-project implementation. Q₁₀₀ water surface flood event mapping is shown in the attached hydraulic analysis report developed by OEI for flood terrace construction. Proposed bio/retention facilities will serve to mitigate pre and post project runoff generated by site development. Q₁₀₀, post-development total = 9.3 cfs.

e) Indicate type(s) of material proposed to be discharged in waters of the United States:

None anticipated.

²Both US Army Corps of Engineer's jurisdictional- and non-jurisdictional water bodies.

³Per US Army Corps of Engineer's wetland delineation protocol.

9. COMPENSATORY MITIGATION (Please complete attached Mitigation Checklist)

- a) Is compensatory mitigation proposed? Yes x No
- b) Indicate in ACRES and LINEAR FEET (where appropriate) the total quantity of **waters of the United States** proposed to be Created, Restored, Enhanced, or Preserved.

Water Body Type	Created	Restored	Enhanced	Preserved
Wetland				
Streambed				
Lake/Reservoir				
Ocean/Estuary/Bay				
Riparian	0.32 acres	0.223	0.262	1.09
Non-Federal Waters				

- c) If contributing to a Mitigation Bank provide the following:

Mitigation Bank Name:
Name of Mitigation Bank Operator:
Office Address of Operator/Phone Number:
Mitigation Bank Location (Latitude/Longitude, County, and City):
Mitigation Bank Water Body Type(s):
Mitigation Area (acres or linear feet) and cost (dollar):

- d) Provide/attach a map with suitable detail, quality, and scale (1:24K) that will easily provide information as to the location(s) and water body(ies) of the mitigation area.

10. THREATENED/ENDANGERED SPECIES

- a) Does the project require coordination with the US Fish and Wildlife Service or National Marine Fisheries Service under the Federal Endangered Species Act?
Yes _____ (provide copies of Biological Report) No x (provide basis of determination)
- b) Does the project require coordination with the State of California Department of Fish and Game under the California Endangered Species Act?
Yes _____ (provide copies of Biological Report) No x (provide basis of determination)

11. OTHER ACTIONS/BEST MANAGEMENT PRACTICES (BMPs)

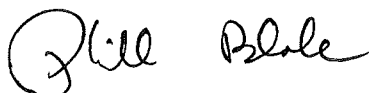
Briefly describe other actions/BMPs to be implemented to Avoid and/or Minimize impacts to waters of the United States, including preservation of habitats, erosion control measures, project scheduling, flow diversions, etc.

A storm water management plan will be prepared and followed for construction. Sediment containment fences and fiber rolls will be placed around the perimeter of the work area. Perimeter sediment

rainy season. All disturbed soil areas will be straw mulched and reseeded with CA native grasses. All construction activities within 30 feet of the top-of-bank area will be confined to the non-rainy season. Soil placement, mulching, and reseeded will be performed prior to October 31, or prior to any predicted rainfall.

Construction exclusion fencing will be installed prior to the initial entry of construction equipment. Ingress, egress, and staging of construction equipment will be strictly limited to designated non-sensitive areas. The contractor will be briefed by the designated biologist and will be required to adhere to environmental protection/sensitive species protection.

CA native trees and native shrubs will be replaced at a 3:1 ratio, based on a vegetation enhancement/ mitigation plan, or as required by the resources agencies. Non-native trees and shrubs requiring removal for restoration work will be replaced with appropriate native species.



Applicant's Signature (or Agent)

1-10-2019

Date

For further information please email:
http://www.swrcb.ca.gov/water_issues/programs/cwa401/docs/staffdirectory.pdf