



Napa County
CONSERVATION, DEVELOPMENT & PLANNING COMMISSION
 1195 Third Street, Room 210, Napa, California 94559
 (707) 253-4416

BASIC APPLICATION FOR EROSION CONTROL PLAN REVIEW

FOR OFFICE USE ONLY SUBMITTAL DATE: _____

FILE #: _____ APN #: _____ USGS QUAD: _____
 [] STRUCTURAL [] AGRICULTURAL TOWNSHIP/RANGE: _____
 REQUEST: _____

PROJECT TYPE: Agriculture: New ___ Vineyard Replant (Process I: ___ II: ___) Other: _____
 Non-Agriculture: Structure ___ Driveway ___ Road ___ Reservoir ___ Other _____

PERCENT SLOPE: Cropland: _____ Structure: _____ Pad: _____ Driveway: _____ Road: _____

OTHER PERMITS: Grading Permit ___ Use Permit: ___ Variance: ___ Septic System Permit: ___ Groundwater Permit: ___

REVIEW AGENCIES: CDPD: X County Consultant: ___ OR RCD: _____

FINAL APPROVAL: CDPD: X Date: _____

TO BE COMPLETED BY APPLICANT
 (Please type or print legibly)

Applicant's Name: Gallo Vineyards Inc., Attn: Trini Amador

Telephone #: (707) 696-8793 **Fax #:** () **E-Mail:** _____

Mailing Address: PO Box 1130 Modesto CA 95353
No Street City State Zip

Status of Applicant's Interest in Property: Owner

Property Owner's Name: Gallo Vineyards Inc

Telephone #: (707) 696-8793 **Fax #:** () **E-Mail:** _____

Mailing Address: PO Box 1130 Modesto CA 95353
No Street City State Zip

Site Address/Location: No situs
No Street City

Assessor's Parcel #: 032-010-086 **Existing Parcel Size:** 169.61 acres **Development Area Size:** 116.2 acres

Slope Range: 7 % to 25 % **Total Acreage ≥ 30%:** 2.1 acres **Estimated Total Amount of Cut & Fill:** 2000 cubic yards

Land or Aerial Survey Prepared By: American Aerial Mapping, Inc. **Date:** 6-4-14

(NOTE: Contour map/survey is required for all development areas with an estimated slope of 15% or greater and for all road/driveway projects. Contour map must include all areas within 100' of the cut and fill edges. Percent slope shall be calculated and presented as whole numbers.)

Source(s) of Water: Existing wells

Related Permits Filed: Water Rights Groundwater Well Sewage Disposal Use Permit/Variance?
 Timber Harvest Stream Alteration Others: _____

I hereby certify that all the information contained in this application, including but not limited to, this application form, the supplemental information sheets, site plan, plot plan, cross sections/elevations, is complete and accurate to the best of my knowledge. I hereby authorize such investigations including access to County Assessor's Records as are deemed necessary by the County Planning Division for evaluation of this application and preparation of reports related thereto, including the right of access to the property involved.

[Signature] 12/10/13 [Signature] 12/12/13
 Signature of Applicant Date Signature of Property Owner Date

TO BE COMPLETED BY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

\$ _____
 Estimated Fee Receipt Number: _____ Received By _____ Date _____

EROSION CONTROL PLAN SUPPLEMENTAL INFORMATION

Project/Construction Phasing Information

1. Project Description: APN: 032-010-086
 To plant approximately 91.3 acres of vineyard.
-
- Parcel size: 169.61 acres Total land area disturbed: 116.2 acres
 Agriculture: NEW plant acres: 91.3 Replant acres: 0
 Structures: residence building driveway road other _____
2. Project Phases: one two or multiple
3. Anticipated date to start construction (month/year): April 1, 2019
4. Estimated date of completion of each phase: Phase 1: September 15
Phase 2: _____
Phase ___: _____
5. Total construction time estimated: 5 months
6. Work scheduled between Oct. 1 and Apr. 1? Yes No **OR**
 between Sept. 1 and Apr. 1? Yes No (municipal watershed)
7. Winterization measures in the Erosion Control Plan See Narrative
8. Is a grading permit, a well permit, or a sewage disposal permit required? Yes No
 If yes has the Napa Co Public Works and/or Environmental Management Departs. been notified? Yes No

Slope Information

9. Earth moving, grading or land clearing on slope(s) of: 7 % to 25 %
10. Total acreage with slopes greater than or equal to 30%: 2.1 acres
11. Contour mapping source: American Aerial Mapping, Inc.

Water Deficient Area, Watershed Area, & Water Rights Diversion Permits

12. Water-deficient area: Yes (*applicant must contact Co Env Mgmt Dept*) No
13. Sub-Watershed Name: Rector Reservoir
 Municipal Reservoir Watershed: Yes No
 If yes: Bell Canyon Kimball Milliken Lake Hennessey Rector
14. Have any other erosion control plans effecting this parcel been approved since 1991? Yes No
15. Coverage information (required for projects in any watershed):
- | | |
|---|--------------------|
| (a) Existing acres of tree canopy cover per parcel: | <u>27.9</u> acres |
| Proposed acres of canopy cover to be removed: | <u>0.2</u> acres |
| Percent of canopy cover to be retained per parcel: | <u>99</u> % |
| (b) Existing acres of shrub, brush, grass without tree canopy per parcel: | <u>229.9</u> acres |
| Proposed acres of shrub, brush, grass cover to be removed: | <u>114.9</u> acres |
| Percent of shrubs, brush, grass to be retained per parcel: | <u>50</u> % |
16. Is there a Water Rights permit associated with the project or parcel? Yes No
 a) Copy of permit from the State Dept of Water Resources attached? Yes No **OR**
 b) Date application for necessary permit submitted to this board: _____
 c) Copy of associated CEQA document attached? Yes No acre/feet _____

Streams, Watercourses, & Streambed Alteration Agreements

17. All streams and watercourses in vicinity of project area(s) shown and the required setback(s) indicated with the distance and slope? Yes No
18. Is there a State Dept of Fish & Game Streambed Alteration (1603) Permit associated with the project or parcel? Yes No
- (a) Copy of State Dept of Fish & Game Permit attached? Yes **OR**
- (b) Date application for necessary permit submitted to this agency: _____
- (c) Copy of CEQA document prepared attached? Yes No

Environmental Setting

19. Is any portion of the project located on or within 500' of a landslide? Yes No
Cite source: TBD by Gilpin Geosciences
20. Is any portion of the project located in the vicinity of rare/endangered species, species of special concern (plant, animal), wetland (type), riparian habitat, critical habitat, etc.? Yes No
If yes, list: See Biological Resource Assessment
- Cite source/reference(s): _____
Specific study prepared: Biological Resource Assessment by LSA Associates date: 11/2018
21. Is any portion of the project located on or within 500' of an archeological or historic site? Yes No
Cite source: _____
Specific study prepared: Cultural Resource Recon. Survey by Flaherty's Cultural Resources date: 7/24/2018

Grading Information

22. Are any new roads/driveways associated with the project? Yes No
23. Are any new vineyard avenues associated with the project? Yes No
24. Will the project involve any recontouring of the land? Yes No
25. Will there be any excavation or fill deeper than 12 inches? Yes No
26. Total cubic yards of cut & fill: \pm 2,000
Cubic yards of cut: \pm 1,000 fill: \pm 1,000
Spoils location: on-site Yes off-site N/A
27. Has a grading permit been filed with the Co Public Works Dept? Yes No
28. Will the project involve repair of a landslide? Yes No
Location _____ Size _____ Report _____

TIMBER HARVEST/TIMBER CONVERSION PERMITS

29. Is there a Timber Harvest or Conversion permit associated with the project/parcel? Yes No
Number of Acres: _____
- a) Copy of State Dept of Forestry Permit attached? Yes **OR**
- b) Date application for necessary permit submitted to this agency: _____
- c) Copy of associated CEQA document attached? Yes No
- d) Date other County erosion control plan(s) submitted if different than the application date for this plan: _____
30. Is there a Timberland Conversion Exception associated with the project or parcel? Yes No

Attachment A

SUPPLEMENTAL PROJECT INFORMATION

File #: _____ - _____ Owner: Gallo Vineyards Inc Parcel #: 032-010-086

Vineyard Development Area Specifics

- | | | |
|---|---------------------------|-------|
| 1. Size of Area Disturbed: | <u>116.2</u> | acres |
| 2. Size of Vineyard: | <u>91.3</u> | acres |
| 3. Acres of Vines: | <u>91.3</u> | acres |
| 4. Slopes of Area Disturbed: | <u>7</u> % to <u>25</u> % | |
| 5. Amount of Total Acreage Equal to or Above 30% Slope: | <u>2.1</u> | acres |
| 6. Total Number of Trees Removed | <u>TBD</u> | trees |
| a) natives | _____ | trees |
| b) non-natives | _____ | trees |

Vineyard Development Schedule

1. **Pre-Planting Stage:**
(i.e. land clearing, ripping, installation of drainage system., vineyard staking, installation of irrigation system., installation and maintenance of permanent and temporary erosion control measures, planting of cover crop, straw mulching)
 Start Date: 4-1 End Date: 9-15 Duration: 164 days
 Temporary Cover Crop Planted _____ Yes _____ No
2. **Planting Stage:**
(i.e planting of vines, seeding permanent cover crop, apply straw mulch, maintenance of erosion control measures)
 Start Date: 4-1 End Date: 9-15 Duration: 164 days
3. **Operational Stage:**
(maintenance and adjustment as needed of permanent erosion control practices, implementation of annual vineyard and erosion control measures, commencement of annual harvests)
 Start Date: 4-1

Vineyard Operations Information

1. **Farming Equipment:**

1 Track-laying	Percent of Use	<u>15</u> %
3 Rubber-tired	Percent of Use	<u>40</u> %
2 ATV	Percent of Use	<u>25</u> %
12 Hand/Manual	Percent of Use	<u>20</u> %
Other (describe) _____	Percent of Use	_____ %
2. **Annual Pruning:**
 Time of Year: January/February Number of days: 20 Number of Workers: 20
3. **Annual Sulfuring:**
 Time of Year: June-August Estimated applications/year: 3
4. **Weed Control:**

	<u>Under Vines</u>	<u>Between Rows</u>
Type of control	<u>mow, weed whack, herbicide</u>	_____
Method of application	_____	_____
Months:	_____	_____
Applications/year:	_____	_____
Number of Workers:	_____	_____
5. **Harvest (Crush):**
 Length 30 days Number of Workers: 34

6. Frost Protection Method(s)

	<u>Hours of Operation</u>	<u>Frequency (times/year)</u>
<input type="checkbox"/> Return-stack heaters	_____	_____
<input type="checkbox"/> Sprinklers	_____	_____
<input type="checkbox"/> Misters	_____	_____
<input checked="" type="checkbox"/> Wind Machines	_____	April-May
<input type="checkbox"/> Late Pruning	_____	_____
<input type="checkbox"/> Other _____	_____	_____

7. Rodent Protection Method(s):

<input type="checkbox"/> Rodenticides	<input checked="" type="checkbox"/> Raptors
<input checked="" type="checkbox"/> Traps	<input type="checkbox"/> Other _____
<input type="checkbox"/> Fencing	

8. Bird Protection Method(s):

	<u>Time of Year (months)</u>	<u>Time of Day</u>	<u>Duration of Use (days per year)</u>
<input type="checkbox"/> Netting	_____		
<input type="checkbox"/> Bird Cannons	_____		
<input checked="" type="checkbox"/> Visual Distracters (Mylar strips, etc)	July - August		
<input checked="" type="checkbox"/> Raptor Perches	year round		
<input type="checkbox"/> Other _____	_____		

9. Proposed Nighttime Activities:

	<u>Time of Night</u>	<u>Duration of Use (days per year)</u>
<input checked="" type="checkbox"/> Harvest	10pm - 6am	October - harvest
<input checked="" type="checkbox"/> Sulphur Application	10pm - 6am	May - June
<input type="checkbox"/> Pesticide/Herbicide Application	_____	_____
<input type="checkbox"/> Other _____	_____	_____

10. Irrigation Methods

Sprinklers Drip System Other _____

11. Other Proposed Activities:

N/A

Traffic Characteristics Information

- Estimated size of grape trucks/truck & trailers to be used: 12 _____ tons
- Estimated number of truck trips per day: during Crush: 2 _____ annually: 0 _____
- Estimated number of farmworkers/vehicle: 6 _____ Crush 6 _____ Pruning
- Lunch provided on-site for farmworkers: Yes No
- Proposed primary access: Soda Canyon Road _____
- Proposed secondary access, if any: N/A _____

Itemized Fertilizer and Pesticide Information

	<u>Application Method</u> <small>(broadcast, spray, drip system, etc)</small>	<u>Application Amount</u> <small>(per acre)</small>	<u>Number of Applications per Year</u>	<u>Annual Amount Used</u> <small>(per acre)</small>	<u>Total Annual Amount Used Overall</u>
1. Fertilizers					
CAN-17	drip	3 gal	2	6 gal	540 gal
K-Carb	drip	5 gal	1	5 gal	450 gal
10-34-0	drip	5 gal	1	5 gal	450 gal
Micronutrient blend	spray	2 qts	2	4 qts	90 gal

2. Mildewcides					
Wettable Sulfur	spray	4 lbs	3	12 lbs	1,000 lbs
Quinoxifen	spray	5 fl oz	2	10 fl oz	7 gal
Tetraconazole	spray	5 fl oz	2	10 fl oz	7 gal
3. Herbicides					
Glyphosate	spray	2 qts	2	4 qts	90 gal
Gluphosinate	spray	48 fl oz	1	48 fl oz	34 gal
4. Rodenticides					
None					
5. Other Chemicals					
Imidacloprid	spray	1 fl oz	≤1	1 fl oz	1 gal
Spirotetramat	spray	8 fl oz	≤1	8 fl oz	6 gal
Etoazole	spray	3 oz	≤1	3 oz	17 lbs
Stylet Oil	spray	1 gal	1	1 gal	90 gal

6. Proposed Storage, Mixing/Handling and Safety Measures:

Type of onsite chemical storage facility in use or proposed: In Block V1, see Figure 5.

Location of current or potential area(s) used for the mixing agricultural chemicals and the description of the facilities present thereat: In Block V1, see Figure 5.

Location of current or proposed area designated for the cleaning and washing of chemical application equipment: In Block V1, see Figure 5.

Water Source and Usage Information

** Use Attachment D to calculate information requested**

1. Current and/or Proposed Water Supply Source(s):

Agricultural Water Source(s) :

- Well
 Spring
 Stream or Creek
 Reservoir(s)
 Other _____

**Percent of Total
Agricultural Use:**

100 %
 _____ %
 _____ %
 _____ %
 _____ %
 100%

Residential and Non-Agricultural Water Source(s) :

- ____ Well
 ____ Spring
 ____ Stream or Creek
 ____ Other _____

**Percent of Total
Resid & Non-Aq**

____ %
 _____ %
 _____ %
 _____ %
 100%

2. Current and Future/Proposed Water Usage (*acre-foot per year = AF/yr*) :

	<u>Current Usage</u> :	<u>Future Usage</u> :
Vineyard & other Agricultural Uses:	_____ AF/yr	_____ AF/yr
Residential/Domestic Uses:	_____ AF/yr	_____ AF/yr
Other Uses:	_____ AF/yr	_____ AF/yr
Total Usage:	_____ AF/yr	_____ AF/yr

3. Allowable Groundwater Allotment: _____ AF/yr

Rock/Spoils/Debris Disposal Information

1. Use/Disposal of Rock Generated (brought to the surface during the vineyard preparation ripping and raking process):

<u>Proposed Use/Disposal Method</u> :	<u>Percent of Total</u>	<u>Location</u>
<input checked="" type="checkbox"/> Road Base (crushed to aggregate size)	50 %	<input checked="" type="checkbox"/> on-site _____ off-site
_____ "Rock Mulch" (crushed to fist size and returned to fields)	_____ %	_____ on-site _____ off-site
_____ Decorative Rock	_____ %	_____ on-site _____ off-site
_____ Fill (buried)	_____ %	_____ on-site _____ off-site
_____ Stacked In Pile	_____ %	_____ on-site _____ off-site
<input checked="" type="checkbox"/> Other <u>Erosion control measures</u>	50 %	<input checked="" type="checkbox"/> on-site _____ off-site

2. Estimated Amount of Cut & Fill: ±2,000 cubic yards (total)
 ±1,000 cubic yards (cut) ±1,000 cubic yards (fill)

3. If rock/spoils material is to be disposed of off-site, where, what for and how much:

<u>Location of Disposal Site</u>	<u>Use of Material</u>	<u>Quantity</u>
_____	_____	_____ cubic yards
_____	_____	_____ cubic yards
_____	_____	_____ cubic yards

4. Debris Disposal (Location & Method):

_____ On-site _____ Off-site _____

Related Permits

1. Please indicate any other related or required permits associated with the proposed conversion plan:

County:

Grading: Yes _____ No <input checked="" type="checkbox"/>	Groundwater/Well Permit: Yes _____ No <input checked="" type="checkbox"/>
Building: Yes _____ No <input checked="" type="checkbox"/>	Use Permit: Yes _____ No <input checked="" type="checkbox"/>
Structural ECP: Yes _____ No <input checked="" type="checkbox"/>	Variance: Yes _____ No <input checked="" type="checkbox"/>
Sewage Disposal: Yes _____ No <input checked="" type="checkbox"/>	Other Not Listed: _____

State Dept of Forestry:

Timber Harvest Plan: Yes _____ No <input checked="" type="checkbox"/>	Timber Conversion Permit: Yes _____ No <input checked="" type="checkbox"/> _____ acres
Timber Conversion Exemption: Yes _____ No <input checked="" type="checkbox"/>	_____ acres

State Dept of Fish & Game:

Streambed Alteration Permit: Yes _____ No

State Division of Water Rights:

Appropriate Water Rights Permit: Yes _____ No

State Environmental Protection Agency:

Chemical Application Permit(s): Yes _____ No

Other State & Federal Permits (please list) :

2. Consultation with, or letter of agreement from:

<u>Regional Water Quality Control Brd:</u>	Yes _____ No <input checked="" type="checkbox"/>
<u>National Marine Fisheries Service/NOAA:</u>	Yes _____ No <input checked="" type="checkbox"/>
<u>Army Corps of Engineers:</u>	Yes _____ No <input checked="" type="checkbox"/>
<u>U.S. Fish and Wildlife Service:</u>	Yes _____ No <input checked="" type="checkbox"/>