



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: Crush Partners LLC Care of: Rob Lloyd
Telephone #: (707) 963-4479 Fax #: (____) E-Mail: rob@lloydcellars.com
Mailing Address: 25 Enterprise Court Napa CA 94558
No Street City State Zip
Status of Applicant's Interest in Property: Property Owner
Property Owner's Name: Same as applicant.
Telephone #: (____) Fax #: (____) E-Mail: _____
Mailing Address: _____
No Street City State Zip
Site Address/Location: Wooden Valley Road Napa
No Street City
Assessor's Parcel #: 033-020-040 Existing Parcel Size: 27.98 ± acres Development Area Size: 19.0 ± acres
Slope Range: 8 % to 23 % Total Acreage ≥ 30%: 0 acres Estimated Total Amount of Cut & Fill: 1,000 cubic yards
Land or Aerial Survey Prepared By Napa County GIS Date: 2018

(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 Onsite Well

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 of Applicant

Date

Signature of Property Owner

Date

TO BE COMPLETED BY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

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

SUPPLEMENTAL ENVIRONMENTAL INFORMATION (ECP)

To be provided by Property Owner: Crush Partners LLC Care of: Rob Lloyd

Attach response sheets to this page.

A. GENERAL INFORMATION

1. Name, address, telephone number of property owner.
2. Address of project.
3. APN.
4. Name, Address and telephone number of person to be contacted concerning this project, if different than owner.
5. Indicate type or number of the permit application for the project to which this form pertains.
6. List and describe any other related permits and/or other public approvals required for this project or parcel, including those required by city, regional, state and federal agencies.
7. Existing zoning district.
8. Proposed use of entire site and/or parcel. List and describe any other projects or improvements with site locations anticipated within the next several years (1-3-5 years).

B. PROJECT DESCRIPTION

9. Parcel(s) size(s), acres per parcel.
10. Project(s) size(s), acres per project.
11. Attach plans.
12. Proposed scheduling.
13. Anticipated incremental or phased development.
14. If the project involves Napa County grading permit, use permit, variance or rezoning application, state this and indicate clearly why the application is required.

Discuss and check yes the following items which are applicable to your project or its effects (attach additional sheets)

YES NO

15. ☒ ☐ Change in existing features of any watercourses, wetlands, tidelands, beaches, hills or alteration of ground contours.
16. ☐ ☒ Change in scenic views or vistas from existing residential areas or public lands or roads.
17. ☐ ☒ Change in the pattern, scale or character of general area of project.
18. ☐ ☒ Change in bay, lake, stream or ground water quality or quantity, or alteration of existing drainage patterns.
19. ☒ ☐ Site on filled land or on slopes of 5% or more.
20. ☐ ☒ Substantial change in demand for Napa County services (police, fire, water, sewage, etc.)
21. ☐ ☒ Relationship to a larger project or series of projects.

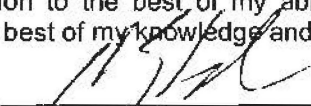
C. ENVIRONMENTAL SETTING

22. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, wetlands (types), riparian habitat and any cultural, historical or scenic aspects. Describe any/all existing structures on the site, and the use of the structures. Attach photographs of the site, could include current aerial photo.
23. Describe the surrounding properties (approximately ¼ mile radius from parcel boundary), including information on plants and animals and any cultural, historical or scenic aspects. Indicate the type of land use (agriculture, residential, commercial, etc.), intensity of land use (vineyards, winery, one-family, multi-family, industry, etc.), and scale of development (acres, height, setback, yard, etc.). Attach photographs of the vicinity, could include current aerial photo.

D. CERTIFICATION

I hereby certify that the statements furnished responding to the above and in the attached sheets present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

12-18-2024
Date


Signature of Property Owner

SUPPLEMENTAL ENVIRONMENTAL INFORMATION (ECP)

A. General Information

1. Property Owner Contact Information:
Crush Partners LLC
Care Of: Rob Lloyd
25 Enterprise Court
Napa, CA 94558
2. Site Address:
Wooden Valley Road
Napa, CA 94558
3. Napa County Assessor's Parcel Number:
Napa County APN 033-020-040
4. Contact Person Contact Information:
Applied Civil Engineering Incorporated
Care Of: Mike Muelrath, President
2160 Jefferson Street, Suite 120
Napa, CA 94559
(707) 320-4968
5. Type of Permit
Agricultural Erosion Control Plan (ECPA)
6. Related Permits
No related permits are anticipated.
7. Existing Zoning District:
Agricultural Watershed (AW)
8. Proposed Use of Entire Parcel:
Residential
Agricultural
No additional uses are anticipated in the next 0 to 5 years

B. Project Description

9. Parcel Size:
27.98 ± acres
10. Project Size:
19.0 ± acres total (16.1 ± acres in vines)
11. Attach Plans:
See attached Crush Partners LLC Vineyard Development Erosion Control Plan prepared by Applied Civil Engineering Incorporated.

12. Proposed Scheduling:

The proposed project will be completed in incremental phases. Initial land clearing and preparation is planned to begin in August 2026 pending approval of the erosion control plan. The disturbed area will be winterized and shutdown from October 15, 2026 to April 1, 2027. Installation of the vineyard trellis and irrigation systems and planting of vines for the first phase will occur in 2026 or Spring of 2027. Future phases will follow this same general schedule and timing will be dictated by financial, viticulture and other variables.

13. Anticipated Incremental or Phased Development:

See 12. above.

14. Related Napa County Grading Permit, Use Permit, Variance or Rezoning Application

No grading permit, use permit, variance or rezoning application is required for this vineyard development project.

15. Yes. Although the project will not change the features of any known wetlands, tidelands or beaches, existing ground contours will be altered to smooth out any irregular topography and promote sheet flow of runoff through the project area and to facilitate installation of the erosion control measures. Overall drainage patterns will not be changed.

16. No. The project will involve removal of the native and non-native vegetation and planting new vines. This will cause a change in the appearance of the immediate project area but will not result in a substantial change to the view from existing public roads that is not consistent with other land uses in the general area.

17. No. The proposed project will not result in a change to the pattern, scale or character of the general area.

18. No. The proposed project will not result in a change to bay, lake, stream or ground water quality or alteration of existing drainage patterns.

19. Yes. The site is located on land with average slopes ranging from 8% to 23% with an overall average slope of 14%.

20. No. The project will not result in a substantial change in demand for Napa County services.

21. No. As previously noted, no additional projects are planned at this time.

C. Environmental Setting

22. Describe the existing project site:

Topography

The project area is located on an irregularly shaped knob in Wooden Valley within Napa County east of the City of Napa (Latitude = 38.374479 N & Longitude = 122.186909 W). Topography on the property varies and is characterized by gentle to steep slopes ranging from less than 5% to in excess of 30% across the parcel.

Average slopes within the proposed vineyard development area are moderate and range from 8% to 23% with an overall average slope of 14%. Slopes were determined using topographic data obtained the Napa County Geographic Information System Database (2018) and the slope transect method in several representative locations in the proposed development area. None of the project areahas slopes in excess of 30%.

Soil Stability

The United States Department of Agriculture Soil Conservation Service Soils Map for Napa County shows several soil types mapped on the subject property including:

- I 12 Bressa-Dibble complex 5 to 15 percent slopes
- I 13 Bressa-Dibble complex, 15 to 30 percent slopes
- I 18 Cole silt loam, 0 to 2 percent slopes

A majority of the project area and all of the new development is mapped as Bressa-Dibble complex. The approximate soil type boundaries based on data obtained from the Napa County Geographic Information System database are illustrated on Sheet C1 of the Crush Vineyard Partners Vineyard Replant and Expansion Erosion Control Plan.

Landslides are noted on the Napa County GIS database and a comprehensive study was prepared by RGH Consultants. It was determined that there is a landslide located to the north of Block 2. Appropriate setbacks are provided to the landslide in accordance with the recommendations of RGH Consultants. See Landslide Hazard Evaluation by RGH Consultants for additional information.

Additionally, representatives from Applied Civil Engineering Incorporated have visited the site several times to review the project area and have not observed any signs of gullies, landslides, slope instability or excessive erosion (other than the landslide identified by RGH Consultants) within the project area or in close proximity to the project area that would affect, or be affected by, the proposed project.

Plants and Animals

Please refer to the site-specific biological analysis and report prepared by WRA Environmental Consultants for detailed information regarding plants and wildlife in the vicinity of the project area.

Cultural and Historical Resources:

There are not any known archeological resources located within the project area. A site-specific report by Archaeological Resource Service confirmed that no cultural or historical resources will be affected by this project.

Existing Manmade Features:

Existing manmade improvements on the subject parcel include vineyards, a well and the related access and utility infrastructure typical of this type of agricultural development. The

existing vineyard will be removed and the footprint will be expanded as part of the project. None of the other existing manmade improvements will be affected.

23. Describe the surrounding properties:

The surrounding properties are generally used for agricultural, residential, winery and watershed purposes. The density of use is generally consistent with land use zoning designations for the area. Residential development generally consists of single family residences.

EROSION CONTROL PLAN SUPPLEMENTAL INFORMATION

Project/Construction Phasing Information

1. Project Description: New Vineyard Development. APN: 033-020-040
- Parcel size: 27.98 ± acres Total land area disturbed: 19.0 ± acres
Agriculture: NEW plant acres: 8.3 ± Replant acres: 7.8 ±
Structures: ☐ residence ☐ building ☐ driveway ☐ road ☐ other _____
2. Project Phases: ☒ one ☐ two or ☐ _____
3. Anticipated date to start construction (month/year): April, 2026
4. Estimated date of completion of each phase: Phase 1: October 2026
Phase 2: _____
Phase ____: _____
5. Total construction time estimated: 4-6 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 Yes
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: 8 % to 23 %
10. Total acreage with slopes greater than or equal to 30%: 0 acres
11. Contour mapping source: Napa County GIS (2018)

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: Wooden Valley Creek – East Fork
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: 3.9 acres
Proposed acres of canopy cover to be removed: .3 acres
Percent of canopy cover to be retained per parcel: 92 %
(b) Existing acres of shrub, brush, grass without tree canopy per parcel: 14.2 acres
Proposed acres of shrub, brush, grass cover to be removed: 9 acres
Percent of shrubs, brush, grass to be retained per parcel: 37 %
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: Landslide Hazard Evaluation prepared by RGH Consultants dated March 20, 2023
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: Special-staubs bats and Swainson's Hawk
- Cite source/reference(s): Biological Resource Reconnaissance Survey Crush Partners LLC, Wooden Valley Road
Specific study prepared: Yes by WRA Environmental Consultants date: December 2024
21. Is any portion of the project located on or within 500' of an archeological or historic site? ☐ Yes ☒ No
Cite source: A Cultural Resources Evaluation of the Proposed Vineyard Development
Specific study prepared: Yes by Archaeological Resource Service date: April 2022

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: <1,000
Cubic yards of cut: <500 fill: <500
Spoils location: on-site 100% off-site None
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

Hourly Fee Agreement

PROJECT File: P24-00TBD; request for Track I Vineyard Development Erosion Control Plan
I, Rob Lloyd

the undersigned, hereby authorize the County of Napa to process the above referenced permit request in accordance with the Napa County Code. I am providing \$ 10,000 as a deposit to pay for County staff review, coordination and processing costs related to my permit request based on actual staff time expended and other direct costs. **In making this deposit, I acknowledge and understand that the deposit may only cover a portion of the total processing costs. Actual costs for staff time are based on hourly rates adopted by the Board of Supervisors in the most current Napa County fee schedule. I also understand and agree that I am responsible for paying these costs even if the application is withdrawn or not approved.**

I understand and agree to the following terms and conditions of this Hourly Fee Agreement:

1. Time spent by Napa County staff in processing my application and any direct costs will be billed against the available deposit. "Staff time" includes, but is not limited to, time spent reviewing application materials, site visits, responding by phone or correspondence to inquiries from the applicant, the applicant's representatives, neighbors and/or interested parties, attendance and participation at meetings and public hearings, preparation of staff reports and other correspondence, or responding to any legal challenges related to the application during the processing of your application. "Staff" includes any employee of the Planning, Building and Environmental Services Department (PBES), the Office of the County Counsel, or other County staff necessary for complete processing of the application. "Direct costs" include any consultant costs for the peer review of materials submitted with the application, preparation of California Environmental Quality Act (CEQA) documents, expanded technical studies, project management, and/or other outside professional assistance required by the County and agreed to by the applicant. The cost to manage consultant contracts by staff will also be billed against the available deposit.
2. Staff will review the application for completeness and provide me with a good faith estimate of the full cost of processing the permit. Any requested additional deposit shall be submitted to PBES to allow continued processing of the project.
3. I understand that the County desires to avoid incurring permit processing costs without having sufficient funds on deposit. If staff determines that inadequate funds are on deposit for continued processing, staff shall notify me in writing and request an additional deposit amount estimated necessary to complete processing of my application. I agree to submit sufficient funds as requested by staff to process the project through the hearing process within 30 days of the request.
4. I understand that if the amount on deposit falls below zero, staff will notify me and stop work on the application until sufficient additional funds are provided.
5. If the final cost is less than the amount remaining on deposit, the unused portion of the deposit will be refunded to me. If the final cost is more than the available deposit, I agree to pay the amount due within 30 days of billing.
6. If I fail to pay any invoices or requests for additional deposits within 30 days, the County may either stop processing my permit application, or after conducting a hearing, may deny my permit application. If I fail to pay any amount due after my application is approved, I understand that my permit may not be exercised, or may be subject to revocation. I further agree that no building, grading, sewage, or other project related permits will be issued if my account is in arrears.

7. I may file a written request for a further explanation or itemization of invoices, but such a request does not alter my obligation to pay any invoices in accordance with the terms of this agreement.

Name of Applicant responsible for payment of all County processing fees (Please Print):

Rob Lloyd

Mailing Address of the Applicant responsible for paying processing fees:

25 Enterprise Court

Napa, CA 94558

Signature: *  _____

Email Address: rob@lloydcellars.com

Date: 12-18-2024

Phone Number: (707) 963-4479

*ATTENTION - The applicant will be held responsible for all charges.

INDEMNIFICATION AGREEMENT

Pursuant to Chapter 1.30 of the Napa County Code, as part of the application for a discretionary land use project approval for the project identified below, Applicant agrees to defend, indemnify, release and hold harmless Napa County, its agents, officers, attorneys, employees, departments, boards and commissions (hereafter collectively "County") from any claim, action or proceeding (hereafter collectively "proceeding") brought against County, the purpose of which is to attack, set aside, void or annul the discretionary project approval of the County, or an action relating to this project required by any such proceeding to be taken to comply with the California Environmental Quality Act by County, or both. This indemnification shall include, but not be limited to damages awarded against the County, if any, and cost of suit, attorneys' fees, and other liabilities and expenses incurred in connection with such proceeding that relate to this discretionary approval or an action related to this project taken to comply with CEQA whether incurred by the Applicant, the County, and/or the parties initiating or bringing such proceeding. Applicant further agrees to indemnify the County for all of County's costs, attorneys' fees, and damages, which the County incurs in enforcing this indemnification agreement.

Applicant further agrees, as a condition of project approval, to defend, indemnify and hold harmless the County for all costs incurred in additional investigation of or study of, or for supplementing, redrafting, revising, or amending any document (such as an EIR, negative declaration, specific plan, or general plan amendment) if made necessary by said proceeding and if the Applicant desires to pursue securing approvals which are conditioned on the approval of such documents.

In the event any such proceeding is brought, County shall promptly notify the Applicant of the proceeding, and County shall cooperate fully in the defense. If County fails to promptly notify the Applicant of the proceeding, or if County fails to cooperate fully in the defense, the Applicant shall not thereafter be responsible to defend, indemnify, or hold harmless the County. The County shall retain the right to participate in the defense of the proceeding if it bears its own attorneys' fees and costs, and defends the action in good faith. The Applicant shall not be required to pay or perform any settlement unless the settlement is approved by the Applicant.

Applicant

Date


Property Owner (if other than Applicant)

Crush Partners LLC Vineyard Development ECP
Project Identification

Attachment A

SUPPLEMENTAL PROJECT INFORMATION

File #: P ____ - ____ - ____ Owner: Crush Partners LLC Parcel #: 0 3 3 - 0 2 0 - 0 4 0

Vineyard Development Area Specifics

- | | |
|---|---------------------------|
| 1. Size of Area Disturbed: | <u>19.0 ±</u> acres |
| 2. Size of Vineyard: | <u>19.0 ±</u> acres |
| 3. Acres of Vines: | <u>16.1 ±</u> acres |
| 4. Slopes of Area Disturbed: | <u>8</u> % to <u>23</u> % |
| 5. Amount of Total Acreage Equal to or Above 30% Slope: | <u>0</u> acres |
| 6. Total Number of Trees Removed | <u>17</u> trees |
| a) natives | <u>16</u> trees |
| b) non-natives | <u>1</u> 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: April 2026 End Date: October 2027 Duration: 180 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: April 2027 End Date: May 2027 Duration: 60 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: April 2030

Vineyard Operations Information

1. **Farming Equipment:**
- | | |
|--|-----------------------------|
| ☐ Track-laying | Percent of Use _____ % |
| ☒ Rubber-tired | Percent of Use <u>100</u> % |
| ☐ ATV | Percent of Use _____ % |
| ☐ Hand/Manual | Percent of Use _____ % |
| ☐ Other (describe) _____ | Percent of Use _____ % |
2. **Annual Pruning:**
Time of Year: February Number of days: 10-15 Number of Workers: 8-10
3. **Annual Sulfuring:**
Time of Year: April-July 15 Estimated applications/year: 12
4. **Weed Control:**
- | | <u>Under Vines</u> | <u>Between Rows</u> |
|-----------------------|--------------------------------|---------------------------|
| Type of control | <u>Mechanical or Herbicide</u> | <u>Mechanical</u> |
| Method of application | <u>Weedwacker or Spary</u> | <u>Mower or Weedeater</u> |
| Months: | <u>January - July</u> | <u>April - August</u> |
| Applications/year: | <u>2-4</u> | <u>2-3</u> |
| Number of Workers: | <u>3-4</u> | <u>3-4</u> |
5. **Harvest (Crush):**
Length 6-8 days Number of Workers: 5-10

6. Frost Protection Method(s)

	<u>Hours of Operation</u>	<u>Frequency (times/year)</u>
☐ Return-stack heaters		
☐ Sprinklers		
☐ Mistlers		
☐ Wind Machines		
☒ Late Pruning	7 am - 5 pm	1
☐ Other _____		

7. Rodent Protection Method(s):

☐ Rodenticides	☒ Raptors
☒ Traps	☐ Other _____
☐ 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>
☒ Netting	July - October	24 hrs	1
☐ Bird Cannons	July - October	24 hrs	1
☒ Visual Distracters (Mylar strips, etc)			
☒ Raptor Perches	July - October	24 hrs	1
☐ Other _____			

9. Proposed Nighttime Activities:

	<u>Time of Night</u>	<u>Duration of Use (days per year)</u>
☒ Harvest	Midnight - 6 am	1-5
☒ Sulphur Application	Midnight - 6 am	4-12
☐ Pesticide/Herbicide Application		
☐ Other _____		

10. Irrigation Methods

☐ Sprinklers ☐ Drip System ☐ Other _____

11. Other Proposed Activities:

Traffic Characteristics Information

- Estimated size of grape trucks/truck & trailers to be used: 2 tons
- Estimated number of truck/vehicle trips per day: Crush: 10 Vineyard Development: 30 Annually: 150
- Estimated number of farmworkers/vehicle: 3-4 Crush 3-4 Pruning
- Lunch provided on-site for farmworkers: ☒ Yes ☐ No
- Proposed primary access: Existing access road
- Proposed secondary access, if any: None

Itemized Fertilizer and Pesticide Information

	<u>Application Method</u> (broadcast, spray, drip system, etc)	<u>Application Amount</u> (per acre)	<u>Number of Applications per Year</u>	<u>Annual Amount Used</u> (per acre)	<u>Total Annual Amount Used Overall</u>
1. Fertilizers					
Nitrogen	Drip	2-5 #	1-3	2-15 #	32-242
Magnesium	Drip	2 qt	1-3	2-6 qt	32-97
Boron	Foliar	2 qt	1	2 qt	32
Zinc	Foliar	2 qt	1	2 qt	32

2. Mildewcides					
Sonata	Spray	4 qt	4-6	16-24 qt	258-386
Wettable Sulfur	Spray	2-4 #	2-3	4-12 #	64-193
3. Herbicides					
Lifeline or EQ	Spray	60 oz	2	120 oz	1,932 oz
4. Rodenticides					
None					
5. Other Chemicals					
None					

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

Type of onsite chemical storage facility in use or proposed: None planned. Chemicals brought to site as needed by vineyard manager.

Location of current or potential area(s) used for the mixing agricultural chemicals and the description of the facilities present thereat: None planned. Chemicals brought to site as needed by vineyard manager.

Location of current or proposed area designated for the cleaning and washing of chemical application equipment: None planned. Equipment washed offsite

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-Ag**

_____%
_____%
_____%
_____%
100%

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

See WAA

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

Future Usage :
 _____ AF/yr
 _____ AF/yr
 _____ AF/yr
 _____ AF/yr
 _____ AF/yr

3. Allowable Groundwater Allotment:

Rock/Spoils/Debris Disposal Information

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

Proposed Use/Disposal Method :

Percent of Total

Location

_____ Road Base (crushed to aggregate size)	_____ %	_____ 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)	95 %	_____ on-site	_____ off-site
_____ Stacked In Pile	_____ %	_____ on-site	_____ off-site
☒ Other Erosion Control	5 %	_____ on-site	_____ off-site

2. Estimated Amount of Cut & Fill:

1,000 cubic yards (total)

500 cubic yards (cut)

500 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 **Landfill**

Related Permits

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

County:

Grading: Yes _____ No ☒
 Building: Yes _____ No ☒
 Structural ECP: Yes _____ No ☒
 Sewage Disposal: Yes _____ No ☒

Groundwater/Well Permit: Yes _____ No ☒
 Use Permit: Yes _____ No ☒
 Variance: Yes _____ No ☒
 Other Not Listed: _____

State Dept of Forestry:

Timber Harvest Plan: Yes _____ No ☒
 Timber Conversion Exemption: Yes _____ No ☒

Timber Conversion Permit: Yes _____ No ☒ _____ acres
 _____ 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) :

None

2. Consultation with, or letter of agreement from:

Regional Water Quality Control Brd:

Yes _____ No ☒

National Marine Fisheries Service/NOAA:

Yes _____ No ☒

Army Corps of Engineers:

Yes _____ No ☒

U.S. Fish and Wildlife Service:

Yes _____ No ☒