

“E”

Use Permit Major Modification Application Packet

RECEIVED

JUL 18 2019

Napa County Planning, Building
& Environmental Services

Planning, Building, & Environmental Services
1195 Third Street, Suite 210
Napa, CA 94559
Main: (707) 253-4417
Fax: (707) 253-4336



PLANNING APPLICATION FORM

Applicant Information

A Tradition of Stewardship
A Commitment to Service

Applicant's Name: Russell Joy, VP, California Operations	Phone: 707-261-6427	E-Mail Address: russ.joy@smwe.com
Applicant's Mailing Address: c/o Stag's Leap Wine Cellars/Patz & Hall/Conn Creek 5766 Silverado Trail	City: Napa	State/Zip Code: CA. 94558
Property Owner's Name: (if different from Applicant) Ste. Michelle Wine Estates	Phone: 707-261-6427	E-Mail Address: russ.joy@smwe.com
Property Owner's Mailing Address: P.O. Box 1966	City: Woodinville	State/Zip: WA 98072
Agent's Name: (if different from Applicant)	Phone:	E-Mail Address:
Agent's Mailing Address:	City:	State/Zip Code:
Other Representative: (Engineer/Architect) Land Use Planning Services	Phone: 707-255-7375	E-Mail Address: jreddingaicp@comcast.net
Representative's Mailing Address: 2423 Renfrew Street	City: Napa	State/Zip Code: CA. 94558

Property Information

Project Name and Address: Renovation of Conn Creek Winery 8711 Silverado Trail Rutherford, CA. 94562. This is an
application for a development permit

Assessor's Parcel Number(s): 030-120-032

Site of site (acreage and/or square footage): 5.99 +/- acres

General Plan Designation: Agricultural Resource Zoning: Agricultural Preserve (AP)

Application Type¹ (For Staff Use)

Administrative	Zoning Administrator	Planning Commission/ALUC/BOS	Misc. Services
<input type="checkbox"/> Admin Viewshed	<input type="checkbox"/> Certificate of Legal Non Conformity	<input type="checkbox"/> AG Preserve Contract	<input type="checkbox"/> Use Determination
<input type="checkbox"/> Erosion Control Plan: Track II	<input type="checkbox"/> Viewshed	<input type="checkbox"/> Development Agreement	<input type="checkbox"/> Status Determination
<input type="checkbox"/> Erosion Control Plan: Track I	<input type="checkbox"/> Minor Modification	<input type="checkbox"/> Airport Land Use Consistency Determination	
<input type="checkbox"/> Fence Entry Structure Permit	<input type="checkbox"/> Road Exception	<input type="checkbox"/> General, Specific or Airport Land Use Plan Amendment	
<input type="checkbox"/> Land Division/Mergers	<input type="checkbox"/> Variance	<input type="checkbox"/> Use Permit	
<input type="checkbox"/> Site Plan Approval/Modif.		<input checked="" type="checkbox"/> Major Modification	
<input type="checkbox"/> Temporary Event: _____		<input type="checkbox"/> Variance	
<input type="checkbox"/> Very Minor Modification		<input type="checkbox"/> Zoning Map/Text Amendment	
<input type="checkbox"/> Addressing		<input type="checkbox"/> Road Exception	

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Napa County Planning, Building & Environmental Services

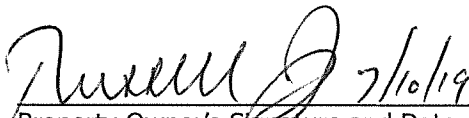
Detailed Project Description (required): A typed, detailed project description is required that describes the proposed development or use(s); the existing site conditions/uses; the number, size, type and nature of any proposed residential dwelling units or total amount of new non-residential square-footage by type of use. Please refer to specific Supplemental Application submittal handouts for details to describe the project and required special studies.

Conditions of Application

1. All materials (plans, studies, documents, etc.) and representations submitted in conjunction with this form shall be considered a part of this application and publicly available for review and use, including reproduction.
2. The owner shall inform the Planning Division in writing of any changes.
3. Agent authorization: The property owner authorizes the listed agent(s) and/or other representative(s) to appear before staff, the Director, the Zoning Administrator, and Planning Commission to represent the owner's interests and to file applications, plans and other information on the owner's behalf.
4. Certification and Indemnification Form: Refer to attached form for notifications and required signature.
5. Fees: The applicant agrees to pay the County any and all processing fees imposed by Board of Supervisor Resolution No. 2018-102 including the establishment of an hourly fee application agreement and initial deposit (Section 80.250 Hourly Project Policies and Procedures). Applicant understands that fees include, but not limited to: Planning, Engineering, Public Works, and County Counsel staff time billed at an hourly rate; required Consultant service billed rates; production or reproduction of materials and exhibits; public notice advertisements; and postage. In the event the property owner is different than the applicant, the property owner must sign to indicate consent to the filing and agreement to pay fees in the event of the applicant's failure to pay said fees. Failure to pay all accumulated fees by the time of public hearing will result in a continuance.
6. This form, together with the corresponding application forms for specific permits, will become the Permit Document.

I have read and agree with all of the above. The above information and attached documents are true and correct to the best of my knowledge. All property owners holding a title interest must sign the application form. If there are more than two property owners, list their names, mailing addresses, phone numbers and signatures on a separate sheet of paper.

If you wish notice of meetings/correspondence to be sent to parties other than those listed on Page 1, please list them on a separate piece of paper.

 7/10/19
Property Owner's Signature and Date
VP - General Manager

Property Owner's Signature and Date

Applicant/Agent Statement

I am authorized and empowered to act as an agent on behalf of the owner of record on all matters relating to this application. I declare that the foregoing is true and correct and accept that false or inaccurate owner authorization may invalidate or delay action on this application.

 Russell Joy
Applicant's Signature and Date

Date Received: <u>7.18.2019</u> Received by: <u>800</u> Receipt No. <u>136919</u> File No. <u>P19-00317</u>	A p p l i c a t i o n F e e s	
	Deposit Amount	\$ <u>10,000.⁰⁰</u>
	Flat Fee Due	\$
	Total	\$
	Check No	<u>00347677</u>

Hourly Fee Agreement

PROJECT File: Conn Creek Winery; request for modification of use permit

_____, I, Russell Joy
_____, 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 \$_____ 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.

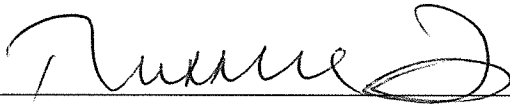
Name of Applicant responsible for payment of all County processing fees (Please Print):

Russell Joy, VP California Operations

Mailing Address of the Applicant responsible for paying processing fees:

P.O. Box 1966
Woodinville, WA. 98072

Signature:*



Email Address: russell.joy@sme.com

Date:

7/10/19

Phone Number: (707) 261-6427

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

**NAPA COUNTY CODE COMPLIANCE PROGRAM
RESOLUTION NO. 2018-164
ACKNOWLEDGEMENT DOCUMENTATION**

PLEASE SELECT ONE BOX:



Applicant represents that this project **WILL NOT BE** participating in the County's Voluntary Compliance Program established through Resolution No. 2018-164. This application represents a standard Major Modification of the project's existing Use Permit.

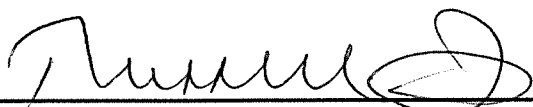


Applicant represents that this project **WILL BE** participating in the County's Voluntary Compliance Program.

The following information shall be submitted with this application in order to qualify under this program:

1. Visitation and/or Marketing Changes - Please provide visitation logs/records for all "Public" and "By Appointment Only" tours and tastings and/or all marketing events occurring at the winery within the past 12 months based upon your date of application submittal. Please include a complete listing of temporary events conducted at the winery under Napa County Code Chapter 5.36, Temporary Events.
2. Employee Changes – Please provide official employee records and/or signed employee affidavits confirming the number of all employees at the winery within the past 12 months, including vineyard workers, based upon your date of application submittal.
3. Production Changes – Please provide the following information from the past 12 months, based upon your date of application submittal:
 - One copy of the Federal *Report of Wine Premises Operations* TTB Form 5120.17 (sometimes referred to as the 702 form). Please provide only the forms for the winery located at the subject application address.
 - A copy of your current license from the California Department of Alcoholic Beverage Control.
 - One copy of the State of California of Food and Agriculture Grape Crush Workbook, showing all sources and amounts of grapes/juice and/or bulk use.
 - Information for all custom crush clients who utilize your winery for their production. Please write a very short narrative describing the name of each client and the amount of wine produced for each client.

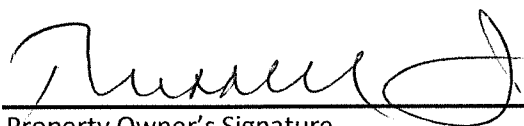
Pursuant to Napa County Resolution No. 2018-164, I hereby certify that the current application submittal and submitted documentation with regards to the requested information above is to the best of my knowledge true and correct under penalty of perjury.



Russell Joy, VP California Operations
Winery Owner's Signature

7/10/19

Date



Property Owner's Signature

7/10/19

Date

Project Statement
Conn Creek Winery Permit Modification
8711 Silverado Trail
Napa, California

Background

Conn Creek Winery, a pre-WDO winery, was first established in May 1979 (#U-507879). The original winery footprint and production was increased in May 1987 with pre-WDO production levels approved at 260,000 (#U-358687). That permit authorized public tours and tasting. County records reveal three significant additional post-WDO modifications to the winery since 1987. The changes authorized by these permits are summarized below:

1. Permit #92463-UP, approved October 1993 authorized an increase in annual production from 260,000 to 850,000 gallons per year. No change to the approved daily visitation or marketing program was either requested or authorized;
2. Permit #95532-MOD authorized the construction and use of a 16,000 s.f. garden area for previously approved marketing events; an increase in the number of full time employees from 9 to 15 and confirmed the number of weekly visitors to the winery (500) and clarified the extent of authorized marketing activities at the winery; and
3. Permit #96562-MOD amended previously approved permits to allow for the construction of a new barrel storage/private tasting room attached to the east side of the winery as well as other miscellaneous additions to the winery building.

In addition to these more significant changes to the winery, a minor modification to construct a cover over the existing processing area was approved in 2018 (P18-

00007). This improvement will be constructed as part of the project proposed under this permit modification.

Proposed Modifications

Interior and Exterior Changes

Conn Creek will soon introducing several new wines to re-brand Conn Creek to its current and future guests. The goal of the requested modification is to upgrade the visitors experience to better showcase its new brands and to provide its existing and future guests with a more personal tasting experience. To accomplish this goal, the applicant is seeking an increase in the number of employees from 15 to 20 full time employees. In addition, a rearrangement of interior spaces to create more intimate tasting venues and to better capture existing views is proposed. Other changes to the winery site and exterior include:

- Expand the ground floor by 770 +/- s.f. to include new mechanical and equipment area;
- Increase second floor area by adding 2,118 s.f. of new interior space over an area that was previously one story;
- A covered trash enclosure;
- A new 240s.f. +/-fire pump house;
- Domestic and fire water storage tanks with gravel access road;
- New employee and overflow parking area;
- Modify the existing driveway entrance by removing the existing entry structure;
- Widen the existing winery access road to conform to county road and street standards;
- A 670 +/- s.f. tasting room addition on the second floor; and
- Electric vehicle charging stations

Corresponding changes to the winery exterior to accommodate the new second addition as well as the location and details of existing and proposed improvements are shown on the enclosed plans prepared by Summit Engineering and Mervin & McNair Architects.

No changes to the approved production levels, visitation and marketing programs are proposed.

Change to Approved Conditions

The following changes to the approved conditions of approval area also requested to achieve the applicant's goals:

1. Modify condition 1(g) of permit #95532-MOD to allow for use of the garden area for public tours and tasting guests;
2. Increase visitors hours from 10:00 am-4:00 pm to 10:00 am to 4:30 pm;
3. Designate the garden area and tasting rooms as areas for on premise wine consumption pursuant to AB 2004

In addition to architectural and civil drawings the following documents are included with this submittal:

1. Storm water control plan prepared by Summit Engineering dated July 10, 2019;
2. Letter dated July 12, 2019 from Summit Engineering summarized the impact of the proposed physical improvements with the FEMA floodway and 100-year floodplain limits;
3. Water Availability Analysis prepared by Summit Engineering, dated July 10, 2019; and
4. Wastewater Feasibility Analysis prepared by Summit Engineering, dated July 10, 2019

Approval of this modification is requested.

WINERY OPERATIONS

Please indicate whether the activity or uses below are already legally **EXISTING**, whether they exist and are proposed to be **EXPANDED** as part of this application, whether they are **NEWLY PROPOSED** as part of this application, or whether they are neither existing nor proposed (**NONE**).

Retail Wine Sales	<input checked="" type="checkbox"/> Existing	<input type="checkbox"/> Expanded	<input type="checkbox"/> Newly Proposed	<input type="checkbox"/> None
Tours and Tasting- Open to the Public	<input checked="" type="checkbox"/> Existing			
Tours and Tasting- By Appointment	<input type="checkbox"/> Existing	<input type="checkbox"/> Expanded	<input type="checkbox"/> Newly Proposed	<input type="checkbox"/> None
Food at Tours and Tastings	<input checked="" type="checkbox"/> Existing	<input type="checkbox"/> Expanded	<input type="checkbox"/> Newly Proposed	<input type="checkbox"/> None
Marketing Events*	<input checked="" type="checkbox"/> Existing	<input type="checkbox"/> Expanded	<input type="checkbox"/> Newly Proposed	<input type="checkbox"/> None
Food at Marketing Events	<input checked="" type="checkbox"/> Existing	<input type="checkbox"/> Expanded	<input type="checkbox"/> Newly Proposed	<input type="checkbox"/> None
Will food be prepared...	<input type="checkbox"/> On-Site?	<input checked="" type="checkbox"/> Catered?		
Public display of art or wine-related items	<input type="checkbox"/> Existing	<input type="checkbox"/> Expanded	<input type="checkbox"/> Newly Proposed	<input type="checkbox"/> None
Wine Sales/Consumption – AB 2004	<input type="checkbox"/> Existing		<input checked="" type="checkbox"/> Proposed	<input type="checkbox"/> None

* For reference please see definition of "Marketing," at Napa County Code §18.08.370 - <http://library.municode.com/index.aspx?clientId=16513>

Production Capacity *

Please identify the winery's...

Existing permitted production capacity: 850,000 gal/y Per permit: 92463-UP Permit date: October 6, 1993

Current maximum actual production: 204,051 gal/y For what year? 2018

Average 3 year production: 139,405 gal/y

Proposed production capacity: No change to approved level of annual production (850,000 gallons)

* For this section, please see "Winery Production Process," at page 11.

Visitation and Operations

Please identify the winery's...

Maximum daily tours/tastings visitation: 225 (public) existing 225 (public) proposed

Maximum weekly tours/tastings visitation: 500 (public) existing 500 (public) proposed

Visitation hours (e.g. M-Sa, 10am-4pm): 10:00 a.m.—4:00 p.m. existing 10:00 a.m.—4:00 p.m. proposed

Production days and hours¹: 6:00 a.m. 10:00 p.m. existing 6:00 a.m. 10:00 p.m. proposed

¹ It is assumed that wineries will operate up to 24 hours per day during crush.

Grape Origin

All new wineries and any existing (pre-WDO) winery expanding beyond its winery development area must comply with the 75% rule and complete the attached "Initial Statement of Grape Source". See Napa County Code §18.104.250 (B) & (C). The project statement should include information on location and quantity of grapes.

Marketing Program

Please describe the winery's proposed marketing program. Include event type, maximum attendance, hours, location/facilities to be used, food service details, etc. Provide a site plan showing where the marketing event activities will occur, including overflow/off-site parking. Differentiate between existing and proposed activities. (Attach additional sheets as necessary.)

100 groups per month, maximum attendance of 20 guests

Two (2) year for a maximum of 60 guests

Marketing events are held between 10:00 a.m. to 8:00 pm. and take place within the garden area (weather permitting) or within the existing winery

Food Service

Please describe the nature of any proposed food service including type of food, frequency of service, whether prepared on site or not, kitchen equipment, eating facilities, etc. Please differentiate between existing and proposed food service. (Attach additional sheets as necessary.)

Food service at daily wine and food parings consists of pre-packaged items such as cheese, dried fruit, nuts and crackers. A county approved and licensed caterer provides food at marketing events. No on site cooking occurs at the winery.

Winery Coverage and Accessory/Production Ratio

Winery Development Area. Consistent with the definition at "a.," at page 11 and with the marked-up site plans included in your submittal, please indicate your proposed winery development area. If the facility already exists, please differentiate between existing and proposed.

Existing 40,550 +/- sq. ft. 0.93 acres

Proposed 45,738 +/- sq. ft. 1.05 acres

Winery Coverage. Consistent with the definition at "b.," at page 11 and with the marked-up site plans included in your submittal, please indicate your proposed winery coverage (maximum 25% of parcel or 15 acres, whichever is less).

97,690 sq. ft. 2.24 acres 37 % of parcel

Production Facility. Consistent with the definition at "c.," at page 11 and the marked-up floor plans included in your submittal, please indicate your proposed *production* square footage. If the facility already exists, please differentiate between existing and proposed.

Existing 33,773 sq. ft. Proposed 33,669 sq. ft.

Accessory Use. Consistent with the definition at "d.," at page 11 and the marked-up floor plans included in your submittal, please indicate your proposed *accessory* square footage. If the facility already exists, please differentiate between existing and proposed. (maximum = 40% of the production facility)

Existing 7,076 sq. ft. 21 % of production facility

Proposed 10,464 sq. ft. 31 % of production facility

Caves and Crush pads

If new or expanded caves are proposed please indicate which of the following best describes the public accessibility of the cave space:

None – no visitors/tours/events (Class I)

Guided Tours Only (Class II)

Public Access (Class III)

Marketing Events and/or Temporary Events (Class III)

Please identify the winery's...

Cave area (total) Existing: None sq. ft. Proposed: None sq. ft.

Cave area (Production) Existing: None sq. ft. Proposed: None sq. ft.

Cave area (Accessory) Existing: None sq. ft. Proposed: None sq. ft.

Covered crush pad area Existing: 1,490 sq. ft. Proposed: 1,490 sq. ft.

Uncovered crush pad area Existing: 940 sq. ft. Proposed: 940 sq. ft.

Cave Spoils total: Proposed: None cy.

Cave Spoils Use: Onsite Offsite.

Certification and Indemnification

Applicant certifies that all the information contained in this application, including all information required in the Checklist of Required Application Materials and any supplemental submitted information including, but not limited to, the information sheet, water supply/waste disposal information sheet, site plan, floor plan, building elevations, water supply/waste disposal system site plan and toxic materials list, is complete and accurate to the best of his/her knowledge. Applicant and property owner hereby authorize such investigations including access to County Assessor's Records as are deemed necessary by the County Planning Division for preparation of reports related to this application, *including the right of access to the property involved.*

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.

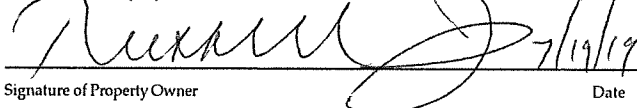
Applicant further agrees, as a condition of project approval, to defend, indemnify and hold harmless the County for all costs incurred in additional investigation of or study of, or for supplementing, redrafting, revising, or amending any document (such as an EIR, negative declaration, specific plan, 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.

Russell Joy, VP California Operations

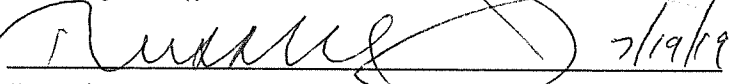
Russell Joy, VP California Operations

Print Name of Property Owner


Signature of Property Owner

Date

Print Name Signature of Applicant (if different)


Signature of Applicant

Date



Planning, Building & Environmental Services - Hillary Gitelman, Director
1195 Third Street, Napa, CA 94559 - (707) 253-4417 - www.countyofnapa.org

Project name & APN: Conn Creek Winery, Use Permit Modification, 030
Project number if known: P19-00317-MOD
Contact person: Jeffrey Redding
Contact email & phone number: jreddingaicp@comcast.net--707-255-7375
Today's date: February 9, 2021

A Tradition of Stewardship
A Commitment to Service

Voluntary Best Management Practices Checklist for Development Projects

Napa County General Plan Policy CON-65 (e) and Policy CON-67 (d) requires the consideration of Greenhouse Gas (GHG) emissions in the review of discretionary projects and to promote and encourage "green building" design. The below Best Management Practices (BMPs) reduce GHG emissions through energy and water conservation, waste reduction, efficient transportation, and land conservation. The voluntary checklist included here should be consulted early in the project and be considered for inclusion in new development. It is not intended, and likely not possible for all projects to adhere to all of the BMPs. Rather, these BMPs provide a portfolio of options from which a project could choose, taking into consideration cost, co-benefits, schedule, and project specific requirements. Please check the box for all BMPs that your project proposes to include and include a separate narrative if your project has special circumstances.

Practices with Measurable GHG Reduction Potential

The following measures reduce GHG emissions and if needed can be calculated. They are placed in descending order based on the amount of emission reduction potential.

Already Plan
Doing To Do

ID # BMP Name

BMP-1 Generation of on-site renewable energy

If a project team designs with alternative energy in mind at the conceptual stage it can be integrated into the design. For instance, the roof can be oriented, sized, and engineered to accommodate photovoltaic (PV) panels. If you intend to do this BMP, please indicate the location of the proposed PV panels on the building elevations or the location of the ground mounted PV array on the site plan. Please indicate the total annual energy demand and the total annual kilowatt hours produced or purchased and the potential percentage reduction of electrical consumption. Please contact staff or refer to the handout to calculate how much electrical energy your project may need.

BMP-2 Preservation of developable open space in a conservation easement

Please indicate the amount and location of developable land (i.e.: under 30% slope and not in creek setbacks or environmentally sensitive areas for vineyards) conserved in a permanent easement to prohibit future development.

Already Plan
Doing To Do

BMP-3 Habitat restoration or new vegetation (e.g. planting of additional trees over 1/2 acre)

Napa County is famous for its land stewardship and preservation. Restoring areas within the creek setback reduces erosion potential while planting areas that are currently hardscape (such as doing a bio-retention swale rather than underground storm drains) reduces storm water and helps the groundwater recharge. Planting trees can also increase the annual uptake of CO₂e and add the County's carbon stock.

BMP-4 Alternative fuel and electrical vehicles in fleet

The magnitude of GHG reductions achieved through implementation of this measure varies depending on the analysis year, equipment, and fuel type replaced.

Number of total vehicles

Typical annual fuel consumption or VMT

Number of alternative fuel vehicles

Type of fuel/vehicle(s)

Potential annual fuel or VMT savings

BMP-5 Exceed Title 24 energy efficiency standards: Build to CALGREEN Tier 2

The California Building Code update effective January 1, 2011 has new mandatory green building measures for all new construction and has been labeled CALGREEN. CALGREEN provides two voluntary higher levels labeled CALGREEN Tier I and CALGREEN Tier II. Each tier adds a further set of green building measures that go above and beyond the mandatory measures of the Code. In both tiers, buildings will use less energy than the current Title 24 California Energy Code. Tier I buildings achieve at least a 15% improvement and Tier 2 buildings are to achieve a 30% improvement. Both tiers require additional non-energy prerequisites, as well as a certain number of elective measures in each green building category (energy efficiency, water efficiency, resource conservation, indoor air quality and community).

BMP-6 Vehicle Miles Traveled (VMT) reduction plan

Selecting this BMP states that the business operations intend to implement a VMT reduction plan reducing annual VMTs by at least 15%.

Tick box(es) for what your Transportation Demand Management Plan will/does include:

- employee incentives
 - employee carpool or vanpool
 - priority parking for efficient transportation (hybrid vehicles, carpools, etc.)
 - bike riding incentives
 - bus transportation for large marketing events
 - Other:
-
-

Estimated annual VMT

Potential annual VMT saved

% Change

Already Plan
Doing To Do

BMP-7 Exceed Title 24 energy efficiency standards: Build to CALGREEN Tier 1

See description below under BMP-5.

BMP-8 Solar hot water heating

Solar water heating systems include storage tanks and solar collectors. There are two types of solar water heating systems: active, which have circulating pumps and controls, and passive, which don't. Both of them would still require additional heating to bring them to the temperature necessary for domestic purposes. They are commonly used to heat swimming pools.

BMP-9 Energy conserving lighting

Lighting is approximately 25% of typical electrical consumption. This BMP recommends installing or replacing existing light bulbs with energy-efficient compact fluorescent (CF) bulbs or Light Emitting Diode (LED) for your most-used lights. Although they cost more initially, they save money in the long run by using only 1/4 the energy of an ordinary incandescent bulb and lasting 8-12 times longer. Typical payback from the initial purchase is about 18 months.

As part of our Napa Valley Green initiative we have converted all production areas over to LED lighting. We are closer to 96% completely converted to LED with the exception of our tasting room.

BMP-10 Energy Star Roof/Living Roof/Cool Roof

Most roofs are dark-colored. In the heat of the full sun, the surface of a black roof can reach temperatures of 158 to 194 °F. Cool roofs, on the other hand, offer both immediate and long-term benefits including reduced building heat-gain and savings of up to 15% the annual air-conditioning energy use of a single-story building. A cool roof and a green roof are different in that the green roof provides living material to act as a both heat sink and thermal mass on the roof which provides both winter warming and summer cooling. A green (living) roof also reduces storm water runoff.

BMP-11 Bicycle Incentives

Napa County Zoning Ordinance requires 1 bicycle rack per 20 parking spaces (§18.110.040). Incentives that go beyond this requirement can include on-site lockers for employees, showers, and for visitor's items such as directional signs and information on biking in Napa. Be creative!

We do have bike racks, on site lockers for employees and shower.

BMP-12 Bicycle route improvements

Refer to the Napa County Bicycle Plan (NCPTA, December 2011) and note on the site plan the nearest bike routes. Please note proximity, access, and connection to existing and proposed bike lanes (Class I: Completely separated right-of-way; Class II: Striped bike lane; Class III: Signed Bike Routes). Indicate bike accessibility to project and any proposed improvements as part of the project on the site plan or describe below.

Already Plan
Doing To Do

BMP-13 Connection to recycled water

Recycled water has been further treated and disinfected to provide a non-potable (non-drinking water) water supply. Using recycled water for irrigation in place of potable or groundwater helps conserve water resources.

BMP-14 Install Water Efficient fixtures

WaterSense, a partnership program by the U.S. Environmental Protection Agency administers the review of products and services that have earned the WaterSense label. Products have been certified to be at least 20 percent more efficient without sacrificing performance. By checking this box you intend to install water efficient fixtures or fixtures that conserve water by 20%.

As part of our Napa Valley Green initiative we are already doing this.

BMP-15 Low-impact development (LID)

LID is an approach to land development (or re-development) that works with nature to manage storm water as close to its source as possible. LID employs principles such as preserving and recreating natural landscape features, minimizing effective imperviousness to create functional and appealing site drainage that treat storm water as a resource rather than a waste product. There are many practices that have been used to adhere to these principles such as bioretention facilities, rain gardens, vegetated rooftops, rain barrels, and permeable pavements. By implementing LID principles and practices, water can be managed in a way that reduces the impact of built areas and promotes the natural movement of water within an ecosystem or watershed. Please indicate on the site or landscape plan how your project is designed in this way.

BMP-16 Water efficient landscape

If your project is a residential development proposing in excess of 5,000 sq. ft. or a commercial development proposing in excess of 2,500 sq. ft. The project will be required to comply with the Water Efficient Landscape Ordinance (WELO).

Please check the box if you will be complying with WELO or If your project is smaller than the minimum requirement and you are still proposing drought tolerant, zeroscape, native plantings, zoned irrigation or other water efficient landscape.

BMP-17 Recycle 75% of all waste

Did you know that the County of Napa will provide recycling collectors for the interior of your business at no additional charge? With single stream recycling it is really easy and convenient to meet this goal. To qualify for this BMP, your business will have to be aggressive, proactive and purchase with this goal in mind.

As part of our Napa Valley green initiative we are already doing this.

Already Plan
Doing To Do

BMP-18 Compost 75% food and garden material

The Napa County food composting program is for any business large or small that generates food scraps and compostable, including restaurants, hotels, wineries, assisted living facilities, grocery stores, schools, manufacturers, cafeterias, coffee shops, etc. All food scraps (including meat & dairy) as well as soiled paper and other compostable - see <http://www.naparecycling.com/foodcomposting> for more details.

BMP-19 Implement a sustainable purchasing and shipping programs

Environmentally Preferable Purchasing (EPP) or Sustainable Purchasing refers to the procurement of products and services that have a reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. By selecting this BMP, you agree to have an EPP on file for your employees to abide by.

As part of our Napa Valley green initiative we have already implemented conversion to most of these practices.

BMP-20 Planting of shade trees within 40 feet of the south side of the building elevation

Well-placed trees can help keep your building cool in summer. If you choose a deciduous tree after the leaves drop in autumn, sunlight will warm your building through south and west-facing windows during the colder months. Well-designed landscaping can reduce cooling costs by 20%. Trees deliver more than energy and cost savings; they are important carbon sinks. Select varieties that require minimal care and water, and can withstand local weather extremes. Fruit or nut trees that produce in your area are great choices, providing you with local food as well as shade. Please use the site or landscape plan to indicate where trees are proposed and which species you are using.

BMP-21 Electrical Vehicle Charging Station(s)

As plug-in hybrid electric vehicles (EV) and battery electric vehicle ownership is expanding, there is a growing need for widely distributed accessible charging stations. Please indicate on the site plan where the station will be.

The proposed project includes the installation of EV charging stations.

BMP-22 Public Transit Accessibility

Refer to <http://www.ridethevine.com/vine> and indicate on the site plan the closest bus stop/route. Please indicate if the site is accessed by transit or by a local shuttle. Provide an explanation of any incentives for visitors and employees to use public transit. Incentives can include bus passes, informational hand outs, construction of a bus shelter, transportation from bus stop, etc.

Nearest bus stop is about 1.5 miles away.

Already Plan
Doing To Do

BMP-23

Site Design that is oriented and designed to optimize conditions for natural heating, cooling, and day lighting of interior spaces, and to maximize winter sun exposure; such as a cave.

The amount of energy a cave saves is dependent on the type of soil, the microclimate, and the user's request for temperature control. Inherently a cave or a building buried into the ground saves energy because the ground is a consistent temperature and it reduces the amount of heating and cooling required. On the same concept, a building that is oriented to have southern exposure for winter warmth and shading for summer cooling with an east-west cross breeze will naturally heat, cool, and ventilate the structure without using energy. Please check this box if your design includes a cave or exceptional site design that takes into consideration the natural topography and siting. Be prepared to explain your approach and estimated energy savings.

BMP-24 Limit the amount of grading and tree removal

Limiting the amount of earth disturbance reduces the amount of CO2 released from the soil and mechanical equipment. This BMP is for a project design that either proposes a project within an already disturbed area proposing development that follows the natural contours of the land, and that doesn't require substantial grading or tree removal.

The proposed project requires no tree removal and occurs within the already developed portion of the property

BMP-25 Will this project be designed and built so that it could qualify for LEED?

BMP-25 (a)

LEED™ Silver (check box BMP-25 and this one)

BMP-25 (b)

LEED™ Gold (check box BMP-25, BMP-25 (a), and this box)

BMP-25 (c)

LEED™ Platinum (check all 4 boxes)

Practices with Un-Measured GHG Reduction Potential

BMP-26 Are you, or do you intend to become a Certified Green Business or certified as a "Napa Green Winery"?

As part of the Bay Area Green Business Program, the Napa County Green Business Program is a free, voluntary program that allows businesses to demonstrate the care for the environment by going above and beyond business as usual and implementing environmentally friendly business practices. For more information check out the Napa County Green Business and Winery Program at www.countyofnapa.org.

BMP-27 Are you, or do you intend to become a Certified "Napa Green Land"?

Napa Green Land, fish friendly farming, is a voluntary, comprehensive, "best practices" program for vineyards. Napa Valley vintners and growers develop farm-specific plans tailored to protect and enhance the ecological quality of the region, or create production facility programs that reduce energy and water use, waste and pollution. By selecting this measure either you are certified or you are in the process of certification.

Already Doing Plan To Do

BMP-28 Use of recycled materials

There are a lot of materials in the market that are made from recycled content. By ticking this box, you are committing to use post-consumer products in your construction and your ongoing operations.

We try to use as much recycled material products for day to day operations as we are a Napa Green Winery.

BMP-29 Local food production

There are many intrinsic benefits of locally grown food, for instance reducing the transportation emissions, employing full time farm workers, and improving local access to fresh fruits and vegetables.

BMP-30 Education to staff and visitors on sustainable practices

This BMP can be performed in many ways. One way is to simply put up signs reminding employees to do simple things such as keeping the thermostat at a consistent temperature or turning the lights off after you leave a room. If the project proposes alternative energy or sustainable winegrowing, this BMP could include explaining those business practices to staff and visitors.

We are a Napa Green Winery and have these practices in place.

BMP-31 Use 70-80% cover crop

Cover crops reduce erosion and the amount of tilling which is required, which releases carbon into the environment.

BMP-32 Retain biomass removed via pruning and thinning by chipping the material and reusing it rather than burning on-site

By selecting this BMP, you agree not to burn the material pruned on site.

BMP-33 Are you participating in any of the above BMPS at a 'Parent' or outside location?

BMP-34 Are you doing anything that deserves acknowledgement that isn't listed above?

Comments and Suggestions on this form?

