

Checklist of Voluntary Greenhouse Gas Emission Reduction Measures

An addendum to the Entitlement Application and a supplement for Initial Studies as required by CEQA



PROJECT NAME	Perla de Occidente Winery		
PROJECT ADDRESS	3165 Silverado Trail, Napa, CA 94558		
APPLICANT	Roberto Corona		
CONTACT INFO	tito_10381@hotmail.com	(707) 696-0615	
	email	phone	

- | | yes | no | I don't know |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1 Have you designed to U.S.G.B.C. TM LEED TM or Built It Green TM standards?
If yes, please include a copy of their required spreadsheets | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Do you have an integrated design team?
If yes, please list: _____ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

3 SITE DESIGN

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 3.1 Does your design encourage community gathering and is it pedestrian friendly? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.2 Are you building on existing disturbed areas? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.3 Landscape Design | | | |
| 3.31 native plants? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.32 drought tolerant plants? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.33 Pierce Disease resistant planting? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.34 Fire resistant planting? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.35 Are you restoring open space and/or habitat? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3.36 Are you harvesting rain water on site? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3.37 planting large trees to act as carbon sinks? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.38 using permeable paving materials for drive access and walking surfaces? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3.4 Does your parking lot include bicycle parking? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.5 Do you have on-site wastewater disposal? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.6 Do you have post-construction stormwater on site detention/filtration methods designed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.8 Have you designed in harmony with existing natural features, such as preserving existing trees or rock outcroppings? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.8 Does the project minimize the amount of site disturbance, such as minimizing grading and/or using the existing topography in the overall site design (such as cave design)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.9 Is the structure designed to take advantage of natural cooling and passive solar aspects? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

4 ENERGY PRODUCTION & EFFICIENCY

- | | | | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 4.1 Does your facility use energy produced on site?
If yes, please explain the size, location, and percentage of off-set: <u>May include Solar Panels</u> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.2 Does the design include thermal mass within the walls and/or floors? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.3 Do you intend to commission the performance of the building after it is built to ensure it performs as designed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.4 Will your plans for construction include: | | | |
| 4.41 High density insulation above Title 24 standards? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.42 Zones for heating and cooling to provide for maximum efficiency? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.43 Energy Star TM or ultra energy efficient appliances? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.44 A "cool" (lightly colored or reflective) or a permeable/living roof? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.45 Timers/time-outs installed on lights (such as the bathrooms)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| If yes, please explain: _____ | | | |

5 WATER CONSERVATION

- | | | | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 5.1 Does your landscape include high-efficiency irrigation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.2 Does your landscape use zero potable water irrigation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.3 Is your project in the vicinity to connect to the Napa Sanitation reclaimed water? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5.4 Will your facility use recycled water? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.41 If no, will you prepare for it by pre-installing dual pipes and/or purple lines? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.5 Will your plans for construction include: | | | |
| 5.51 a meter to track your water usage? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5.52 ultra water efficient fixtures and appliances? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.53 a continuous hot water distribution method, such as an on-demand pump? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5.54 a timer to insure that the systems are run only at night/early morning? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

6 MATERIAL RECYCLING

6.1 Are you using reclaimed materials? If yes, what and where: _____			X
6.2 Are you using recycled construction materials –			X
6.21 finish materials?			X
6.22 aggregate/concrete road surfaces?			X
6.23 fly ash/slag in foundation?			X
6.3 Will your contractor be required to recycle and reuse construction materials as part of your contract?			X
6.4 Does your facility provide access to recycle –			
6.41 Kitchen recycling center?	X		
6.42 Recycling options at all trash cans?	X		
6.43 Do you compost green waste?	X		
6.44 Provide recycling options at special events?	X		

7 NATURAL RESOURCES

7.1 Will you be using certified wood that is sustainably harvested in construction?			X
7.2 Will you be using regional (within 500 miles) building materials?			X
7.3 Will you be using rapidly renewable materials, such as bamboo?			X
7.4 Will you apply optimal value engineering (studs & rafters at 24" on center framing)?			X
7.5 Have you considered the life-cycle of the materials you chose?	X		

8 INDOOR AIR QUALITY

8.1 Will you be using low or no emitting finish and construction materials indoors –			
8.11 Paint?			X
8.12 Adhesives and Sealants?			X
8.13 Flooring?			X
8.14 Framing systems?			X
8.15 Insulation?			X
8.2 Does the design allow for maximum ventilation?			
8.3 Do you plan for a wood burning fireplace (US EPA Phase II certified)?	X		
8.4 Does your design include dayling, such as skylights?	X		

9. TRANSPORTATION DEMAND MANAGEMENT

9.1 After your project is complete, will you offer your employees incentives to carpool, bike, or use transit?	X		
9.2 After your project is complete, will you allow your employees to telecommute or have alternative work schedules?	X		
9.3 Does your project include design features that encourage alternative modes of transportation such as preferred parking for carpooling, ridesharing, electric vehicles? secured bicycle parking, safe bicycle access? loading zones for buses/large taxi services?	X		
	X		
	X		
9.4 How close is your facility to public transportation? <u>Public bus stops on Silverado Trail w/in one (1) mile.</u>	X		

10. Are there any superior environmental/sustainable features of your project that should be noted?
See above
11. What other studies or reports have you done as part of preparing this application?
 1. Wastewater Feasibility Report
 2. Phase One Water Report
 3. Appendix A Grading / Drainage
 4. _____
12. If your project involves an addition or modification to an existing building, are you planning to improve energy conservation of existing space (such as insulation, new windows, HVAC, etc.)?
If yes, please describe: N/A
- | | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|
13. Once your facility is in operation, will you:
 12.1 calculate your greenhouse gas emissions?
 12.2 implement a GHG reduction plan?
 12.3 have a written plan to reduce your vehicle miles traveled of your operations and employee's commute?
- | | | | |
|---|--|--|--|
| X | | | |
| X | | | |
| X | | | |
14. Does your project provide for education of green/sustainable practices?
If yes, please describe: _____
- | | | | |
|--|--|--|---|
| | | | X |
|--|--|--|---|
15. Any comments, suggestions, or questions in regards to the County's efforts to reduce greenhouse gases?
Many questions are more easily addressed in construction plans phase of work.

Please feel free to include additional sheets of paper as necessary.

Form filled out by: Donna B. Oldford,
Plans4Wine



Project name & APN: Corona Family Winery – 039-190-028
 Project number if known: P13-00063
 Contact person: Roberto Corona
 Contact email & phone number: tito 10391@hotmail.com (707) 696-0516
 Today's date: 08-12-2013

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 Doing	Plan To Do	ID #	BMP Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-1	<p>Generation of on-site renewable energy <i>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.</i></p> <p><u>Consideration of Solar Panels</u></p> <p>_____</p> <p>_____</p> <p>_____</p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-2	<p>Preservation of developable open space in a conservation easement <i>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.</i></p> <p><u>Site is currently planted in vineyards except for winery development area and residences</u></p> <p>_____</p> <p>_____</p>

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Already Doing	Plan To Do	ID #	BMP Name
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BMP-3	<p>Habitat restoration or new vegetation (e.g. planting of additional trees over ½ acre) <i>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.</i></p> <p>Adhere to setback for Napa River</p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-4	<p>Alternative fuel and electrical vehicles in fleet <i>The magnitude of GHG reductions achieved through implementation of this measure varies depending on the analysis year, equipment, and fuel type replaced. Unknown at this time.</i></p> <p>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 _____</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-5	<p>Exceed Title 24 energy efficiency standards: Build to CALGREEN Tier 2 <i>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 1 and CALGREEN Tier 2. 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 1 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).</i></p> <p>Winery will be in compliance with Title 24</p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-6	<p>Vehicle Miles Traveled (VMT) reduction plan <i>Selecting this BMP states that the business operations intend to implement a VMT reduction plan reducing annual VMTs by at least 15%. Not known at this time.</i></p> <p>Tick box(es) for what your Transportation Demand Management Plan will/does include:</p> <ul style="list-style-type: none"> <input type="checkbox"/> employee incentives <input type="checkbox"/> employee carpool or vanpool <input type="checkbox"/> priority parking for efficient transportation (hybrid vehicles, carpools, etc.) <input type="checkbox"/> bike riding incentives <input type="checkbox"/> bus transportation for large marketing events <input type="checkbox"/> Other: _____ <p>Estimated annual VMT _____</p> <p>Potential annual VMT saved _____</p> <p>% Change _____</p>

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Already Doing	Plan To Do	ID #	BMP Name
<input type="checkbox"/>	<input type="checkbox"/>	BMP-7	<p>Exceed Title 24 energy efficiency standards: Build to CALGREEN Tier 1 <i>See description below under BMP-5</i></p> <p><u>Not known at this time</u></p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-8	<p>Solar hot water heating <i>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.</i></p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-9	<p>Energy conserving lighting <i>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 ¼ the energy of an ordinary incandescent bulb and lasting 8-12 times longer. Typical payback from the initial purchase is about 18 months.</i></p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-10	<p>Energy Star Roof/Living Roof/Cool Roof <i>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.</i></p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-11	<p>Bicycle Incentives <i>Napa County Zone 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!</i></p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-12	<p>Bicycle route improvements <i>(Refer to the Napa County Bicycle Plan (NCTPA, 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 only proposed improvements as part of the project on the site plan or describe below.</i></p> <p><u>No known bicycle paths nearby</u></p>

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Already Doing	Plan To Do	ID #	BMP Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-13	<p>Connection to recycled water <i>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.</i></p> <p>Plan to re-use process wastewater for irrigation</p> <hr/> <hr/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-14	<p>Install Water Efficient fixtures <i>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%.</i></p> <hr/> <hr/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-15	<p>Low-impact development (LID) <i>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.</i></p> <hr/> <hr/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-16	<p>Water efficient landscape <i>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).</i></p> <p><i>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.</i></p> <hr/> <hr/>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-17	<p>Recycle 75% of all waste <i>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 the goal in mind.</i></p> <p>Not known at this time</p> <hr/> <hr/>

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Already Doing	Plan To Do	ID #	BMP Name
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BMP-18	<p>Compost 75% food and garden material <i>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</i></p> <hr/> <hr/>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-19	<p>Implement a sustainable purchasing and shipping program <i>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.</i></p> <p>Not known at this time</p> <hr/> <hr/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-20	<p>Planting of shade trees within 40 feet of the south side of the building elevation <i>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 the site or landscape plan to indicate where trees are proposed and which species you are using.</i></p> <p>See landscape plans</p> <hr/> <hr/>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-21	<p>Electrical Vehicle Charging Station(s) <i>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.</i></p> <p>Not known at this time</p> <hr/> <hr/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-22	<p>Public Transit Accessibility <i>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.</i></p> <hr/> <hr/>

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Already Doing	Plan To Do	ID #	BMP Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-23	<p>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.</p> <p><i>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 sitting. Be prepared to explain your approach and estimated energy savings.</i></p> <p><u>Site is not conducive to caves. But will consider other options</u></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BMP-24	<p>Limit the amount of grading and tree removal</p> <p><i>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.</i></p> <p><u>No significant grading or tree removal envisioned</u></p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-25	<p>Will this project be designed and built so that it could qualify for LEED?</p> <p>BMP-25(a) <input type="checkbox"/> LEED™ Silver (check box BMP-25 and this one)</p> <p>BMP-25(b) <input type="checkbox"/> LEED™ Gold (check box BMP-25 (a), and this box)</p> <p>BMP-25(c) <input type="checkbox"/> LEED™ Platinum (check all 4 boxes)</p>
Practices with Un-Measured GHG Reduction Potential			
<input type="checkbox"/>	<input type="checkbox"/>	BMP-26	<p>Are you, or do you intend to become a Certified Green Business or certified as a "Napa Green Winery"? Not known at this time.</p> <p><i>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.</i></p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-27	<p>Are you, or do you intend to become a Certified "Napa Green Land"? Not known at this time.</p> <p><i>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.</i></p>

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Already Doing	Plan To Do	ID #	BMP Name
<input type="checkbox"/>	<input type="checkbox"/>	BMP-28	<p>Use of recycled materials <i>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.</i></p> <p><u>Not known at this time</u></p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-29	<p>Local food production <i>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.</i></p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BMP-30	<p>Education to staff and visitors on sustainable practices <i>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.</i></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BMP-31	<p>Use 70-80% cover crop <i>Cover crops reduce erosion and the amount of tilling which is required, which releases carbon into the environment.</i></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BMP-32	<p>Retain biomass removed via pruning and thinning by chipping the material and reusing it rather than burning on-site <i>By selecting this BMP, you agree not to burn the material pruned on site.</i></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BMP-33	<p>Are you participating in any of the above BMPs at a 'Parent' or outside location?</p> <p><u>Yes. Applicant owns other nearby vineyards</u></p>
<input type="checkbox"/>	<input type="checkbox"/>	BMP-34	<p>Are you doing anything that deserves acknowledgement that isn't listed above?</p> <p><u>Re-use of wastewater for irrigation of vineyards and landscaping. Owners and vineyard manager reside on-site</u></p>
			<p>Comments and Suggestions on this form?</p> <p><u>Details herein are better addressed at the time construction documents are being prepared</u></p>