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Department of Public Works

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Director of Public Works

PUBLIC WORKS DEPARTMENT INTER-OFFICE MEMORANDUM

DATE: June 25th, 2009

TO: Trish Hornisher, Conservation Development and Planning Department

FROM: Jeannette Doss, Assistant Engineer *JD*

SUBJECT: Carver-Sutro Winery, APN 017-230-034, 017-230-035, P09-00043, P09-00044

The application will allow the applicant to establish a winery with a production capacity of 20,000 gal/yr; 2 full time and 2 part time employee during harvest; construct an 8 space parking lot; and 3,752 sq ft of new building floor area. Parcel is located at 3106 Palisades Road in Calistoga.

EXISTING CONDITIONS:

1. The parcel is currently developed with a private residence and guest house that is served by a residential driveway.
2. The winery site is currently undeveloped.

RECOMMENDED CONDITIONS:

GROUNDWATER

1. See attached groundwater comments dated May 15th, 2009 and revised June 25, 2009.

PARKING:

2. Any parking proposed by the applicant or required by the Planning Commission as a condition of this use permit must have a minimum structural section equivalent to support an H20 load designed by a licensed Civil or Geotechnical Engineer and shall not be less than two inches of asphalt concrete over 5 inches of Class II Aggregate. (County Road and Street Standards, Page 27, Section 19).

3. Parking lot details shall conform to the requirements of the latest edition of the Napa County Road and Street Standards.

DRIVEWAY:

4. New winery access drive shall be a minimum of 18 feet wide with 2 feet of shoulder. Structural section shall be a minimum two inches of asphalt concrete surface over five inches of Class II Aggregate or equivalent (County Road and Street Standards, Page 9, Standard 12).
5. All driveway access to the public right of way must conform to the latest edition of the Napa County Road and Street Standards (Page 52, Detail P-2).
6. Driveway entrance for new access drive shall be designed to provide a minimum sight distance of 150 ft as depicted in the Napa County Road and Street Standards (Page 14, General Minor Type I).
7. The applicant must obtain an encroachment permit for any work performed within the Napa County Right-of-Way.

SITE IMPROVEMENTS:

8. All on site civil improvements including but not limited to the excavation, fill, general grading, drainage, curb, gutter, surface drainage, storm drainage, parking, and drive isles, shall be constructed according to plans prepared by a registered civil engineer, which will be reviewed and approved by this office prior to the commencement of any on site land preparation or construction. Plans shall be submitted with the building permit documents at the time of building permit application. A plan check fee will apply.
9. Proposed drainage for the development shall be shown on the improvement plans and shall avoid the diversion or concentration of stormwater runoff onto adjacent properties. Plan shall also include a hydraulic analysis for the drainage improvements indicating the path and changes of runoff.
10. Any grading, drainage and parking improvements approved by this Use Permit shall be constructed according to the latest "Napa County Road and Street Standards" and the 2007 California Building Code Appendix J and shall be reviewed and approved by this office prior to construction.
11. If excess material is generated that cannot be used onsite, the owner shall furnish to the County of Napa Public Works Department evidence that the owner has entered into agreements with the property owners of the site involved and has obtained the permits, licenses and clearances prior to commencing off-hauling operations.

OTHER RECOMMENDATIONS:

12. Applicant shall complete a lot line adjustment with Napa County Department of Public Works prior to approval of any building or grading plans associated with this use permit.

13. Prior to the issuance of any grading or building permit, or the signing of improvement plans, the permittee and County shall survey and document the condition of County roads before construction begins, and then reevaluate conditions at the end of construction. Prior to Occupancy of any buildings or commencement of any use, the permittee shall be responsible for repair of any pavement degraded due to its construction vehicles.

CONSTRUCTION STORMWATER REQUIREMENTS

14. The property owner or his/her designee must understand all parts of these conditions and must maintain the construction site in compliance during all phases of construction.
15. Any construction activity that will result in disturbance of greater than one acre of total land area will require the permittee to obtain coverage in accordance with Napa County's General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit, 99-08-DWQ) issued by the Regional Water Quality Control Board (SRWQCB). To achieve this, the permittee shall file a Notice of Intent with the SRWQCB prior to any grading or construction activity. Construction activity subject to this permit includes but is not limited to clearing, grading and disturbances to the ground such as stockpiling, or excavation. The SWPPP relating to the project improvement plans shall be submitted with the building permit application. A plan check fee will apply.
16. Any construction activity that will result in disturbance of greater than 10,000 sq ft of total land area but less than one acre of total land area will require the permittee to prepare and maintain a Stormwater Quality Management Plan (SQMP) to be submitted with the building permit application. A plan check fee will apply.
17. All earth disturbing activities shall include measures to prevent erosion, sediment, and waste materials from leaving the site and entering waterways both during and after construction in conformance with the Napa County Stormwater Ordinance. Best Management Practices shall also be implemented to minimize dust at all times. Grading on slopes greater than 5% between October 15 and April 1 requires an extension.
18. Implement effective erosion control measures, as appropriate, to protect exposed soils from being detached by rainfall, flowing water, or wind. Erosion control measures may include, but are not limited to: straw mulch, fiber mat blankets, bonded fiber matrix, soil compaction, and temporary and permanent vegetation.
19. Implement sediment control measures, as appropriate, to trap soil particles after they have been detached and moved by rain, flowing water, or wind. Examples of sediment control measures that may be used include, but are not limited to: fiber rolls, silt fence, check dams, and storm drain inlet protection.
20. Maintain a designated washout area to remove sediment and chemical pollutants that may be produced from cleaning tools and machinery. A washout area is a temporary wash basin sufficient in size to allow wash water to pond and allow the sedimentation and disposal of particles that

- have been rinsed off of project equipment. Pollutants include but are not limited to: paint, cement, stucco, etc.
21. Properly maintain all litter, dumps, or stockpiles in such a manner that they will not result in a contaminated discharge.
 22. All hazardous materials stored and used on-site during construction that could cause water pollution (e.g. motor oil, cleaning chemicals, paints, concrete, etc.) shall be stored and used in a manner that will not cause pollution, with secondary containment provided. Such storage areas shall be regularly cleaned to remove litter and debris. Any spills shall be promptly cleaned up and appropriate authorities notified.
 23. All entrances/exits of a project site shall be protected by a surface that will ensure any vehicles leaving the construction site will not track sediment onto any publicly maintained roadways.
 24. The property owner shall inform all individuals, who will take part in the construction process, of these requirements.

POST-CONSTRUCTION RUNOFF MANAGEMENT REQUIREMENTS

25. Project must conform and incorporate all appropriate site design Best Management Practices as required by the Napa County manual for *Post-Construction Runoff Management Requirements* which is available at the Public Works office.
26. Prior to final occupancy the property owner must legally record an "implementation and maintenance agreement" approved by the Public Works department to ensure all post-construction structures on the property remain functional and operational for the indefinite duration of the project.
27. Each year the entity responsible for maintenance is required to complete an annual report that includes copies of completed inspection and maintenance checklists to document that maintenance activities were conducted during the previous year. The annual report shall be retained for a period of at least five years and made available upon request by the County.
28. Post-development runoff volume shall not exceed pre-development runoff volume for the 2-year, 24-hour storm event. Post-development runoff volume shall be determined by the same method used to determine pre-development conditions. If post-development runoff volume exceeds pre-development runoff volume after the site design BMPs are incorporated into the project's overall design, a structural BMP (e.g. bio-retention unit) may be used to capture and infiltrate the excess volume.
29. Provide concrete stamping, or equivalent, of all stormwater conveyance system inlets and catch basins within the project area with prohibitive language (e.g., "No Dumping – Drains to Napa River"). Signage shall identify the receiving water the drain discharges to and include a message in Spanish.

30. Trash storage areas shall be paved with an impervious surface, designed not to allow run-on from adjoining areas, and screened or walled to prevent off-site transport of trash. Trash storage areas must contain a roof or awning to minimize direct precipitation or contain attached lids on all trash containers that exclude rain.

Any changes in use may necessitate additional conditions for approval.

If you have any questions regarding the above items please contact Jeannette Doss or Erich Kroll at 253-4351. For groundwater questions, please contact Anna Maria Martinez.