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Department of Public Works

1195 Third Street, Suite 201
Napa, CA 94559-3092
www.co.napa.ca.us/publicworks


Main: (707) 253-4351
Fax: (707) 253-4627

Donald G. Ridenhour, P.E.
Director of Public Works

GROUNDWATER MEMORANDUM

DATE: January 8, 2010

TO: Conservation Development and Planning Department

FROM: Annamaria Martinez, Assistant Engineer 
Phone: 707-259-8378
Email: annamaria.martinez@countyofnapa.org

SUBJECT: Kitchak Winery, APN# 039-190-038, File # P09-00148

The application is to convert a permitted residential garage/barn to a winery with an annual production of 5,000 gallons. The property is located on Hardman Avenue in Napa.

EXISTING CONDITIONS:

1. Parcel is located in the "Valley Floor" groundwater region.
2. Existing usage is 2.75 AF/Year.

RECOMMENDED CONDITIONS:

1. We have reviewed the phase one, water availability analysis for the proposed project. The 14.77 acre parcel is located in the valley floor groundwater region with an extraction threshold of 1.0 AF/Acre, resulting in a total parcel threshold of 14.77 AF/Year. The estimated water demand of 2.88 AF/Year is below the established threshold for the property. Therefore, the projected water use for this project should not have a significant impact on static water levels of neighboring wells.

No further analysis is necessary.