WINE FERMENTATION, AGING, AND STORAGE EMISSION CALCULATIONS (Ver. 3.0)

Attachment:
Permit Number:
Facility:

Annual Wine Inputs

Information	*Value*	*Units*	*Reference*
Red Wine Production	0	gal/yr	Permit Application
White Wine Production	0	gal/yr	Permit Application
Red Wine Aged in Oak	100	%	Permit Application
White Wine Aged in Oak	50	%	Permit Application
Percent Wine Loss by Volume	3.0%	gal/gal wine	SBCAPCD Default / Permit Application

Daily Wine Inputs

Information	*Value*	*Units*	*Reference*
Red Wine Fermentation Cycle	7	days	SBCAPCD Default / Permit Application
White Wine Fermentation Cycle	15	days	SBCAPCD Default / Permit Application
% Red Fermenting Daily	30	%	SBCAPCD Default / Permit Application
% White Fermenting Daily	30	%	SBCAPCD Default / Permit Application
% Red Oak Aging Daily	40	%	SBCAPCD Default / Permit Application
% White Oak Aging Daily	25	%	SBCAPCD Default / Permit Application

Wine Production

Information	*Value*	*Units*	*Reference*
Annual Red Wine Aged in Oak Capacity	0	gallons	Calculated Value
Annual White Wine Aged in Oak Capacity	0	gallons	Calculated Value
Maximum Daily Red Wine Fermented	0	gallons	Calculated Value
Maximum Daily White Wine Fermented	0	gallons	Calculated Value
Maximum Daily Red Wine Aging in Oak	0	gallons	Calculated Value
Maximum Daily White Wine Aging in Oak	0	gallons	Calculated Value

Emission Factors

Emission Source	*Value*	*Units*	*Reference*
Red Wine Fermentation	6.20	lb/1000 gal	CARB March 2005
Red Wine Aging/Storage	27.83	lb/1000 gal-yr	Calculated Value
White Wine Fermentation	2.50	lb/1000 gal	CARB March 2005
White Wine Aging/Storage	25.83	lb/1000 gal-yr	Calculated Value

Wine Fermentation, Aging and Storage ROC Potential to Emit

	lb/day	**TPY**
Red Wine Fermentation	0.00	0.00
White Wine Fermentation	0.00	0.00
Red Wine Aging/Storage	0.00	0.00
White Wine Aging/Storage	0.00	0.00
Total	**0.00**	**0.00**

Processed By: Date: