



**Santa Barbara County  
Air Pollution Control District**

Our Vision  Clean Air

June 8, 2018

Tung Le  
California Air Resources Board  
P.O. Box 2815  
Sacramento, CA 95814

Re: Request for BACT Determination Retraction/Addition

Dear Mr. Le:

On August 17, 2017, the Santa Barbara County Air Pollution Control District (District) submitted two achieved in practice BACT determinations to the state's BACT Clearinghouse related to wine fermentation controls. One determination was for the NoMoVo water scrubber system (<https://www.arb.ca.gov/bact/bactnew/determination.php?var=1043>) and one was for the EcoPAS glycol chiller condenser system (<https://www.arb.ca.gov/bact/bactnew/determination.php?var=1042>).

On June 5, 2018, the District revised these achieved in practice BACT determinations to reflect a class and category limitation of closed-top tanks 30,000 gallons or less. As such, the District hereby requests that these existing achieved in practice BACT determinations be removed from the CARB BACT Clearinghouse and the attached BACT determinations be added to the Clearinghouse.

If you have any questions, please contact me at (805) 961-8821 or [GoldmanM@sbcapcd.org](mailto:GoldmanM@sbcapcd.org).

Sincerely,



Michael Goldman, Manager  
Engineering Division

enc: ENTRY #1 - Revised NoMoVo Achieved in Practice BACT Determination  
ENTRY #2 - Revised EcoPAS Achieved in Practice BACT Determination

cc: Morgan Gilhuly, Barg Coffin Lewis & Trapp, LLP  
David Harris  
Engr Chron File

**ENTRY #1****CATEGORY**

SOURCE CATEGORY: Wine Fermentation Tanks  
CLASS/CATEGORY: Closed-Top; ≤ 30,000 gallons  
SIC CODE: 2084  
NAICS CODE: 31213

**EMISSION UNIT INFORMATION**

MANUFACTURER: NohBell  
TYPE: Water Scrubber  
MODEL: NoMoVo  
EQUIPEMNT DESCPN: Capture and Control using Water Scrubber  
CAPACITY/DIMENSIONS: 80 gallon  
OPERATING SCHEDULE: Variable (24/7/10)  
FUNCTION OF EQMNT: Control ethanol emissions from fermentation process.

VOC LIMIT: 67  
VOC LIMIT UNITS: percent  
VOC CONTROL METHOD: Add-on  
VOC CONTROL MET DESC: Water Scrubber  
VOC % CONTROL EFF: 67

**PROJECT / PERMIT INFORMATION**

APPLICATION/PERMIT No: 15044-02  
APP COMPLETE DATE: 05/11/2017  
NEW CONSTRN/MOD: Modification  
ATC DATE: 08/18/2017 (Modified 06/05/2018)  
TECHNOLOGY STATUS: BACT Determination  
SOURCE TEST AVAILABLE: No  
ST RESULTS: Control efficiency determined based on total capture and control using mass balance calculations over the entire fermentation season. Collected slurry is analyzed daily for ethanol weight fraction.

**FACILITY /DISTRICT INFORMATION**

FACILITY NAME: Central Coast Wine Services  
FACILITY ZIP CODE: 93455  
FACILITY COUNTY: Santa Barbara  
DISTRICT NAME: Santa Barbara County APCD  
DISTRICT CONTACT: David Harris  
CONTACT PHONE No: (805) 961-8824  
CONTACT E-MAIL: [HarrisD@sbcapcd.org](mailto:HarrisD@sbcapcd.org)

**NOTES**

This project triggered BACT. District analyses determined that this control system met the criteria for being classified as Achieved in Practice. This is a first generation emission control system for the control of fermentation emissions from a winery.

**ENTRY #2****CATEGORY**

SOURCE CATEGORY: Wine Fermentation Tanks  
CLASS/CATEGORY: Closed-Top; ≤ 30,000 gallons  
SIC CODE: 2084  
NAICS CODE: 31213

**EMISSION UNIT INFORMATION**

MANUFACTURER: EcoPAS  
TYPE: Glycol Chiller Condenser  
MODEL: PAS  
EQUIPEMNT DESCPN: Capture and Control using Glycol Chiller Condenser  
CAPACITY/DIMENSIONS: 350 scfm  
OPERATING SCHEDULE: Variable (24/7/10)  
FUNCTION OF EQMNT: Control ethanol emissions from fermentation process.

VOC LIMIT: 67  
VOC LIMIT UNITS: percent  
VOC CONTROL METHOD: Add-on  
VOC CONTROL MET DESC: Glycol Chiller Condenser  
VOC % CONTROL EFF: 67

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