Board Item 6 relates to the consideration for a Resolution to adopt a California Environmental Quality Act Mitigated Negative Declaration and the associated Waste Discharge Requirements for winery process water (proposed final MND and Order).

This change sheet is for revisions to the December 2, 2020 versions of the proposed final MND and Order and in addition to change sheet 1 circulated on January 19, 2021. The Resolution adopting the MND, Order, Change Sheet 1, and this Change Sheet 2 were adopted by the State Water Resources Control Board on January 20, 2021 changes shown below in underline additions, ~~strikeout~~ deletions.

# Adopted Order Change Sheet

## Findings

1. Revised Antidegradation Analysis Findings Section, Finding 76.b as follows:

This General Order includes a nitrogen application rate limit for land application, a nitrogen effluent limit or first encountered groundwater limit for subsurface disposal, and pond siting and liner hydraulic conductivity requirements to minimize the potential to cause or contribute to groundwater quality above the nitrate water quality objective. Facilities that exceed the nitrogen limits may be required to evaluate the winery, treatment, and disposal operations to determine improvements needed to comply with the limits.

## Order (after the It Is Hereby Ordered)

### Revised Effluent Limitations (Tier 2, 3, and 4) Section B.6 as follows:

6. The Discharger shall monitor the treated SDS effluent. The treated SDS effluent shall be measured prior to discharge to the subsurface disposal area and shall not exceed total nitrogen of 10 mg/L, BOD of 300 mg/L, and TSS of 330 mg/L as a rolling average of the three most recent samples.

a. The Discharger may submit a request in the Notice of Intent to the regional water board to conduct groundwater monitoring as specified in the MRP using an onsite monitoring well network designed to assess the potential impact of discharging process water to the SDS in lieu of meeting the SDS nitrogen effluent limit. The request is subject to review and approval, following any necessary antidegradation analysis, by the regional water board after a public notice and opportunity for written comments. If approved, the Discharger shall ensure the monitoring demonstrates whether the soil treatment processes are consistently operating to ensure that first encountered groundwater does not exceed the nitrate MCL of 10 mg/L as N or a total nitrogen level of 10 mg/L. If the first encountered groundwater exceeds the nitrate MCL of 10 mg/L as N or the total nitrogen level of 10 mg/L the Discharger is responsible for meeting the SDS total Nitrogen effluent limit of 10 mg/L within 1 year of the exceedance and prepare and submit a Nitrogen Control Plan to the regional water board per the schedule and requirements in the Subsurface Disposal System for Tier 2, 3, and 4 Specifications and the Technical Provisions of this General Order.

b. The Discharger shall comply with the groundwater monitoring well installation requirements and compliance schedule in the Technical Provisions Section.

c. The Discharger shall comply with the Tier 4 groundwater monitoring and reporting provisions of this General Order. The Discharger may install vadose zone monitoring devices in lieu of groundwater monitoring wells if the first encountered groundwater underlying the bottom of the SDS is at least 50 feet below ground surface. The Discharger shall ensure the monitoring devices are designed to assess the potential impact of discharging process water to the SDS and maintain proper calibration of the installed monitoring device(s). The Discharger shall ensure the monitoring devices are installed beneath and immediately downgradient of the subsurface disposal area to demonstrate that soil treatment processes are consistently operating to ensure that water at the monitored depth in the vadose zone does not exceed the nitrate MCL of 10 mg/L as N or a total nitrogen level of 10 mg/L.

1. Revised Discharge Specifications (Tier 2, 3, and 4) Section D.2).a.v as follows:

#### Process Water Pond Specifications

* 1. General Process Water Pond Specifications

v. The upper one foot of water in the ponds shall have a DO concentration of at least 1.0 mg/L to minimize the potential for objectionable odors.

1. Revised Discharge Specifications (Tier 2, 3, and 4) Section D.3).g.i as follows:
2. Area-wide groundwater monitoring
3. In lieu of using an approved onsite monitoring well network, the Discharger may elect to:
4. Participate in an existing area-wide monitoring well network approved by the regional water board. The Discharger shall ensure their participating LAAs are well managed and operations comply with the loading limits and all other requirements of this General Order; or
5. Participate in the development of an area-wide monitoring well network to be approved by the regional water board. The Discharger shall ensure their participating LAAs are well managed and operations comply with the loading limits and all other requirements of this General Order.
6. The Discharger shall submit the initial request to participate in an existing, or to develop an area-wide monitoring well network per the schedule in this Tier 2, 3, and 4 Land Application Specifications Section. The Discharger shall maintain its participation, including payment of any costs associated with developing or funding of the area-wide network, which may be offset by the incorporation of preexisting wells or monitoring networks as described in this area-wide groundwater monitoring subsection.
7. All area-wide monitoring well networks shall meet the Monitoring and Reporting Provisions of this General Order and specifically include the General Order groundwater monitoring constituents and frequency requirements within the MRP and schedule approved by the regional water board upon issuing the Notice of Applicability.
8. The Discharger shall ensure the area-wide monitoring well network plan and network(s) adhere to the following specifications:
9. Implement the Technical Specification Section requirements for well installation and reporting of this General Order unless substantially similar specifications are approved by the regional water board.
10. Include appropriate monitoring locations and well screen design to construct a network that effectively evaluates water quality consistent with this General Order and associated MRP. Upgradient and downgradient monitoring wells shall be located and screened at the appropriate intervals to ensure ~~not be more than 0.25 miles away from the~~that the impacts to groundwater from winery land application areas ~~to~~are properly characterized ~~any winery impacts to groundwater~~.
11. Number, type, and density of monitoring locations to be sampled and other aspects of the monitoring well network shall be dependent upon basin-specific conditions, particularly critical areas of a basin, and input from the regional water board.
12. Water quality data incorporated from preexisting monitoring well networks or the use of preexisting networks meet the General Specifications of this Section and the groundwater monitoring constituents and frequency within the MRP.
13. An area-wide monitoring well network may result in identification of winery constituent impacts to groundwater, which may lead to the review of the monitoring network or Discharger practices. The regional water board retains discretion to review a monitoring network for effectiveness or use.