



February 17, 2015

State Water Resources Control Board
Russian River Frost Protection Regulation
Attention Ms. Kathy Mrowka
P.O. Box 2000
Sacramento, CA 95812-2000

Re: Dutra Water Demand Management Program (Dutra WDMP)

Ms. Mrowka

Please find enclosed a revised individual WDMP for Dutra Vineyards (DV), titled Dutra WDMP, to be administered by NCRM, Inc.

DV has revised their West Fork Russian River (WFRR) water diversion operation in the past year, making corrective actions to prevent potential impacts their diversion could have on salmonids. For this reason, DV will meet the requirements of CCR 862 through an individual WDMP.

NCRM looks forward to coordinating with the State Water Resources Control Board, California Department of Fish and Wildlife and National Marine Fisheries Service, to ensure DV's diversion is managed to prevent a reduction in stream stage that causes stranding mortality to salmonids, in the lower West Fork Russian River.

Sincerely,

A handwritten signature in blue ink that reads "Estelle P. Clifton". The signature is written in a cursive, flowing style.

Estelle P. Clifton
(707) 485-7211 ext. 220

Dutra Vineyards Water Demand Management Program (WDMP)

West Fork Russian River, Mendocino County

Submitted: February 17, 2015

Governing Body

North Coast Resource Management, Inc. (NCRM)
c/o Estelle P. Clifton
PO Box 932
Calpella, CA 95418
(707) 485-7211
eclifton@ncrm.com

Dutra Vineyards WDMP: This WDMP is for Richard Dutra who represents Dutra Vineyards (DV), located at 4475 Eastside Calpella Road, Ukiah California, diverter of water for the purposes of frost protection, to an off-stream storage pond, from the West Fork Russian River (WFRR), Mendocino County.

The Governing Body has established an agreement with DV outlining the Governing Body's required actions and DV's required actions under this WDMP.

Inventory

The Governing Body is providing an inventory of DV (Attachment A) with this WDMP as described in CCR 862(c)(1). This includes: the name of the diverter, source of water used and location of diversion, a description of the diversion system and its capacity, acreage frost protected and acres frost protected by means other than water diverted from the Russian River stream system. Frost diversion data recording sheets will be submitted to the Governing Body at the end of the frost season for the purpose of fulfilling annual reporting requirements. Following the 2015 frost season the rate of diversion, hours of operation and volume of water diverted during each frost event in 2015 will be collected and added to the annual report.

Inventory Schedule

DV will be responsible for recording frost water diversion information and for providing this information to the Governing Body. The Governing Body will compile the required inventory information and submit the report to the SWRCB based on the schedule below.

1. February 1, 2015: Initial WDMP Inventory as described in CCR 862(c)(1) was completed. Consultation with California Department of Fish and Wildlife (CDFW) and National Marine Fisheries Service (NMFS) was initiated¹.
2. If necessary, three months after approval of WDMP: an inventory update, referenced in the SWRCB November 2014 correspondence² (SWRCB Schedule), will be completed. This will include changes to the inventory information, not including diversion data.
3. September 1, 2015: The first annual report following the frost season, as described on in CCR 862 (c)(5) and referenced in the SWRCB Schedule, will include diversion data for the prior frost season.
4. Subsequent Annual Reports: These will be due September 1 of each year.

Stream Stage Monitoring Program

October 1, 2015: A draft Stream Stage Monitoring Program will be prepared by NCRM in coordination with NMFS and CDFW.

February 1, 2016: A Stream Stage Monitoring Program will be submitted to the State Water Board.

Risk Assessment

October 1, 2015: A Risk Assessment approach will be developed by NCRM in coordination with NMFS and CDFW.

February 1, 2016: A final Risk Assessment protocol will be submitted to the State Water Board.

Corrective Actions

September 1, 2016: The need for Preliminary Corrective Actions will be evaluated.

September 1, 2017: If indicated through the Risk Assessment, a Corrective Action Plan shall be prepared.

Annual Reporting

The Governing Body will submit an annual report as described in CCR 862 (c)(5), which summarizes program data, activities and results by September 1 of each year. The report will include:

¹ Phone conversations with CDFW, Wes Stokes and NMFS, David Hines occurred on January 22, 2015. A draft WDMP was submitted to the CDFW Northern Office on January 22, 2015.

² SWRCB correspondence dated November 6, 2014 "Regarding Water Rights: Notice of Implementation of the Russian River Frost Protection Regulation."

- (A) The frost inventory, including diversion data.
- (B) Stream stage monitoring data.
- (C) The risk assessment and its results.
- (D) A description of any corrective action plan that has been developed, any corrective actions implemented to date and a schedule for implementing any additional corrective actions.
- (E) Any instances of noncompliance with the DV WDMP or with a corrective action plan, including the failure to implement agreed upon corrective actions.
- (F) Consultations with NMFS and CDFW.
- (E) An evaluation of the effectiveness of the WDMP and recommendations on any necessary changes to the WDMP.

Groundwater

The Governing Body may work on developing criteria for identifying groundwater diversions that are not hydraulically connected to the Russian River stream system. These criteria, as well as groundwater diversions meeting the criteria, will be submitted to State Water Board for consideration as described in CCR 862 (d).

Inventory of Frost Diversion System

Name: Dutra Vineyard (DV)

Source of Water and Location:

Name	Water Source	Type	Lat/Long
POD 1	West Fork Russian River (WFRR)	Diversion to storage	39.2081, -123.2003

System and Capacity

Name	Capacity	System
POD 1	400 gmp	Water is pumped from the WFRR, to an off-stream storage pond, using a 400 gallons per minute (gmp) electric pump. The pump sits above the river channel and the pump intake is lowered into the channel away from the bank, requiring no channel excavation. All frost water used at DV comes out of the off-stream storage pond.

Acres Frost Protected and other:

32 acre of vineyard either receives frost protection now or will in the following year, once planted. Annual records will show total acres frost protected in any given year. DV has 4 acres of vineyard that does not receive frost protection.

APN Frost Protected	APN with no Frost Protection
168-151-07	168-152-01
168-151-08	
168-151-09	
168-152-12	