

CSF/AH

STATE WATER RESOURCES CONTROL BOARD

2016 SEP 23 PM 2:29

DIVISION OF WATER RIGHTS SACRAMENTO

Please indicate County where your project is located here:

Sonoma

MAIL FORM AND ATTACHMENTS TO: State Water Resources Control Board DIVISION OF WATER RIGHTS P.O. Box 2000, Sacramento, CA 95812-2000 Tel: (916) 341-5300 Fax: (916) 341-5400 http://www.waterboards.ca.gov/waterrights

PETITION FOR CHANGE

Separate petitions are required for each water right. Mark all areas that apply to your proposed change(s). Incomplete forms may not be accepted. Location and area information must be provided on maps in accordance with established requirements. (Cal. Code Regs., tit. 23, § 715 et seq.) Provide attachments if necessary.

- Point of Diversion, Point of Rediversion, Place of Use, Purpose of Use, Distribution of Storage, Temporary Urgency, Instream Flow Dedication, Waste Water, Split, Terms or Conditions, Other, Application, Permit, License, Statement

I (we) hereby petition for change(s) noted above and described as follows:

Point of Diversion or Rediversion - Provide source name and identify points using both Public Land Survey System descriptions to 1/4-1/4 level and California Coordinate System (NAD 83).

Present: existing outfalls: See Attached sheet (Exhibit A) Proposed: No change

Place of Use - Identify area using Public Land Survey System descriptions to 1/4-1/4 level; for irrigation, list number of acres irrigated.

Present: See Attached sheet (Exhibit B) Proposed: No change

Purpose of Use

Present: None Proposed: Agricultural Irrigation

Split

Provide the names, addresses, and phone numbers for all proposed water right holders.

[Empty box for split details]

In addition, provide a separate sheet with a table describing how the water right will be split between the water right holders: for each party list amount by direct diversion and/or storage, season of diversion, maximum annual amount, maximum diversion to offstream storage, point(s) of diversion, place(s) of use, and purpose(s) of use. Maps showing the point(s) of diversion and place of use for each party should be provided.

Distribution of Storage

Present: Proposed:

REC'D 9-23-2016 CHECK #1574023 - \$850.00 CHECK #1574039 - \$1,000.00 GC

Temporary Urgency

This temporary urgency change will be effective from [] to []

Include an attachment that describes the urgent need that is the basis of the temporary urgency change and whether the change will result in injury to any lawful user of water or have unreasonable effects on fish, wildlife or instream uses.

Instream Flow Dedication – Provide source name and identify points using both Public Land Survey System descriptions to ¼-¼ level and California Coordinate System (NAD 83).

Upstream Location: []
Downstream Location: []

List the quantities dedicated to instream flow in either: cubic feet per second or gallons per day:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Will the dedicated flow be diverted for consumptive use at a downstream location? Yes No

If yes, provide the source name, location coordinates, and the quantities of flow that will be diverted from the stream.

[]

Waste Water

If applicable, provide the reduction in amount of treated waste water discharged in cubic feet per second.

Will this change involve water provided by a water service contract which prohibits your exclusive right to this treated waste water? Yes No

Will any legal user of the treated waste water discharged be affected? Yes No

General Information – For all Petitions, provide the following information, if applicable to your proposed change(s).

Will any current Point of Diversion, Point of Storage, or Place of Use be abandoned? Yes No

I (we) have access to the proposed point of diversion or control the proposed place of use by virtue of:
 ownership lease verbal agreement written agreement

If by lease or agreement, state name and address of person(s) from whom access has been obtained.

[]

Give name and address of any person(s) taking water from the stream between the present point of diversion or rediversion and the proposed point of diversion or rediversion, as well as any other person(s) known to you who may be affected by the proposed change.

[]

All Right Holders Must Sign This Form: I (we) declare under penalty of perjury that this change does not involve an increase in the amount of the appropriation or the season of diversion, and that the above is true and correct to the best of my (our) knowledge and belief. Dated 9/20/16 at San Jose, CA

Right Holder or Authorized Agent Signature

Right Holder or Authorized Agent Signature

- NOTE: All petitions must be accompanied by:
(1) the form Environmental Information for Petitions, including required attachments, available at: http://www.waterboards.ca.gov/waterrights/publications_forms/forms/docs/pet_info.pdf
(2) Division of Water Rights fee, per the Water Rights Fee Schedule, available at: http://www.waterboards.ca.gov/waterrights/water_issues/programs/fees/
(3) Department of Fish and Wildlife fee of \$850 (Pub. Resources Code, § 10005)

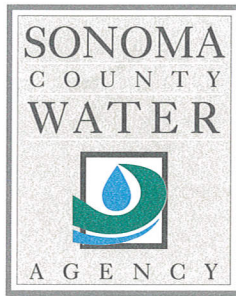
**TABLE ILLUSTRATING THE REDUCTION IN AMOUNT
OF TREATED WASTEWATER DISCHARGED
(IN CUBIC FEET PER SECOND)**

"Present Discharge" Derived from Sonoma Valley CSD Discharges to Schell Slough, Fly Bay, & Salt Marsh (January 1, 2006 to December 31, 2015)

10 Year Average Calculated for each Month - Discharge at Permitted Outfalls

	JAN	FEB	MAR	APR	MAY*	JUN*	JUL*	AUG*	SEP*	OCT*	NOV	DEC
Present (cfs):	6.21	7.48	7.25	5.62	0.00	0.00	0.00	0.00	0.00	0.00	3.83	6.17
Proposed (cfs):	5.21	6.48	6.25	4.62	0.00	0.00	0.00	0.00	0.00	0.00	2.83	5.17
Change (cfs):	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00

*Sonoma Valley CSD is prohibited from discharging during the period of May - October, per its NPDES Permit. Therefore, May through October values are presented as zero discharge.



CSF/AH

CF/70-712-9 Sonoma Valley NPDES Permit (ID 2071)

November 1, 2016

Austin Hall
State Water Resources Control Board
P.O. Box 100
Sacramento, CA 95812-0100

2016 NOV -3 PM 2:38
STATE WATER RESOURCES CONTROL BOARD
SACRAMENTO

RE: SONOMA VALLEY COUNTY SANITATION DISTRICT CHANGE PETITION FOR RECYCLED WATER STUDY UPDATE

Dear Mr. Hall:

The Sonoma Valley County Sanitation District (District) began supplying recycled water to users in 1990. In 1990, the District's Wastewater Treatment Facility (Facility) was operated by the County of Sonoma. In 1995, the Sonoma County Water Agency took over operations of the District's Facility.

The District currently discharges to San Pablo Bay from three locations, as identified in its National Pollutant Discharge Elimination System (NPDES) Permit, when not discharging, the District supplies recycled water, to users, for agricultural irrigation and wetland enhancement. On average, the District supplies approximately 1700 acre-feet for agricultural irrigation and approximately 800 acre-feet for wetland enhancement (Management Units and Salt Ponds).

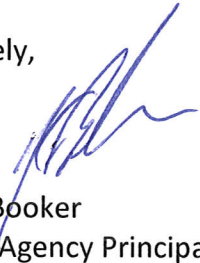
In 2013, the District began a process of analyzing the potential impacts of allowing recycled water, stored in existing on-stream reservoirs, to spill into receiving waters, during a rain event. The District wants to determine whether recycled water users can maximize storage of water (commingled recycled water and runoff) in on-stream reservoirs during the wet season without detriment to the environment if the reservoir spilled during a rain event. The primary hypothesis for the study is the mixture of recycled water and runoff released from a reservoir as the result of a rain event will be the same or better than the Water Quality Objectives specified in the Water Quality Control Plan for the San Francisco Bay Basin for the designated and potential beneficial uses of the receiving waters. If the study upholds this hypothesis, a process can be established that would give the Regional Water Board more flexibility in allowing storage of recycled water in the watershed. This process, if successful, will allow users to take full advantage of recycled water availability without the concern of citations for unintentional discharges.

Austin Hall
State Water Resources Control Board
November 1, 2016
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In order for the District to implement the study, the District's NPDES permit needs to be amended to allow discharge from the on-stream reservoir. The permit amendment will allow the District to simulate a discharge event to conduct sampling and monitoring downstream of the discharge. The District has been working with Ben Livsey, with the San Francisco Bay Regional Water Control Board on the study, as well as, the NPDES Permit amendment. In addition, the Sonoma County Valley Sanitation District is also requesting to implement the program, if the study is successful.

If you have any questions, regarding this application, please contact me at 707-521-1865 or kevin.booker@scwa.ca.gov.

Sincerely,



Kevin Booker
Water Agency Principal Engineer