



NAPA SANITATION DISTRICT MEMORANDUM

DATE: November 4, 2020
TO: LCWD Board of Directors
FROM: Andrew Damron, NapaSan
SUBJECT: October 2020 Recycled Water Update

Purpose

Update the LCWD Board on the status of the recycled water connections, usage, and recycled water quality data.

On-Stream Storage of Recycled Water

The Regional Water Board adopted the Vineyard Permit¹ in July 2017. The Vineyard Permit includes a provision that would allow the storage of recycled water in on-stream reservoirs if conditions are met by the vineyard operator.

Backflow Requirements

The backflow requirements have been updated. Please contact NapaSan for more information if you are required to install a backflow valve

Miscellaneous

The fee for recycled water cross-connect test is \$250. This fee is due at the time of permit issuance. Any users that were issued a permit previously who have not connected will be required to pay the fee prior to obtaining a cross-connect inspection.

Statistics

<u>Description</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Requested Allocation (annual survey) (AF)	476	179	242	100	88****
Summer Water Use (AF) (May – Oct)	110	194	239	210	436*
Calendar Year Actual Water Use (AF)	122	197	319	274	577*
Connected Users (out of 107)				50	52
Connected Acres (out of 4,128)				1,726	2,200
Connected Irrigable Acres (out of 3,140 Acres***)				1,392	1,750
Peak Hour Flow (GPM)			2,400**	2,425**	3,260**
Peak Day Flow (GPM)			1,950**	2,200**	2,680**

* As of October 31, 2020

** Approximately 3,500 GPM design capacity

*** From Table 7.2 of 'Analysis of new Alternatives for the LCWD Recycled Water Distribution System' – Carollo Engineers, November 2, 2012

**** As of June 2, 2020, 30 responders out of 36 requests

Water Quality Data

The last Chloride sample was taken on 10/6/20 – Chloride Reading (mg/L)	151
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NapaSan Contacts

For questions related to permitting including plan review, inspection, pressure and flow	Robin Gamble Holley	707-258-6031	rgamble@napasan.com
For questions on recycled water regulations, scheduling a cross-connect tests and AquaHawk Alerting System sign-up.	David Martin	707-312-1688	dmartin@napasan.com
For a construction related question or to schedule an inspection	Josh DeGarmo Fred McWilliams	707-312-1613 707-312-1761	jdegarmo@napasan.com fmcwilliams@napasan.com
For questions related to recycled water quality	Andrew Damron	707-258-6007	adamron@napasan.com

¹ - The San Francisco Bay Regional Water Quality Control Board (Regional Water Board) adopted Order No. R2-2017-0033 – General Waste Discharge Requirements for Vineyard Properties in the Napa River and Sonoma Creek Watersheds (Vineyard Permit) on July 12, 2017.

Draft Correspondence to Recycled Water Customers

Dear Recycled Water Customer,

This year, LCWD customers used an unprecedented amount of recycled water- almost double the amount used last year. In order to be prepared for similarly high demand and to continue to provide high quality recycled water to all customers, we need your help to get as accurate an assumption of your 2021 water usage as possible. We are asking LCWD customers to estimate the amount of recycled water needed for the entirety of the calendar year. We have included your recycled water usage below as a reference to help you accurately estimate your recycled water usage for the coming year.

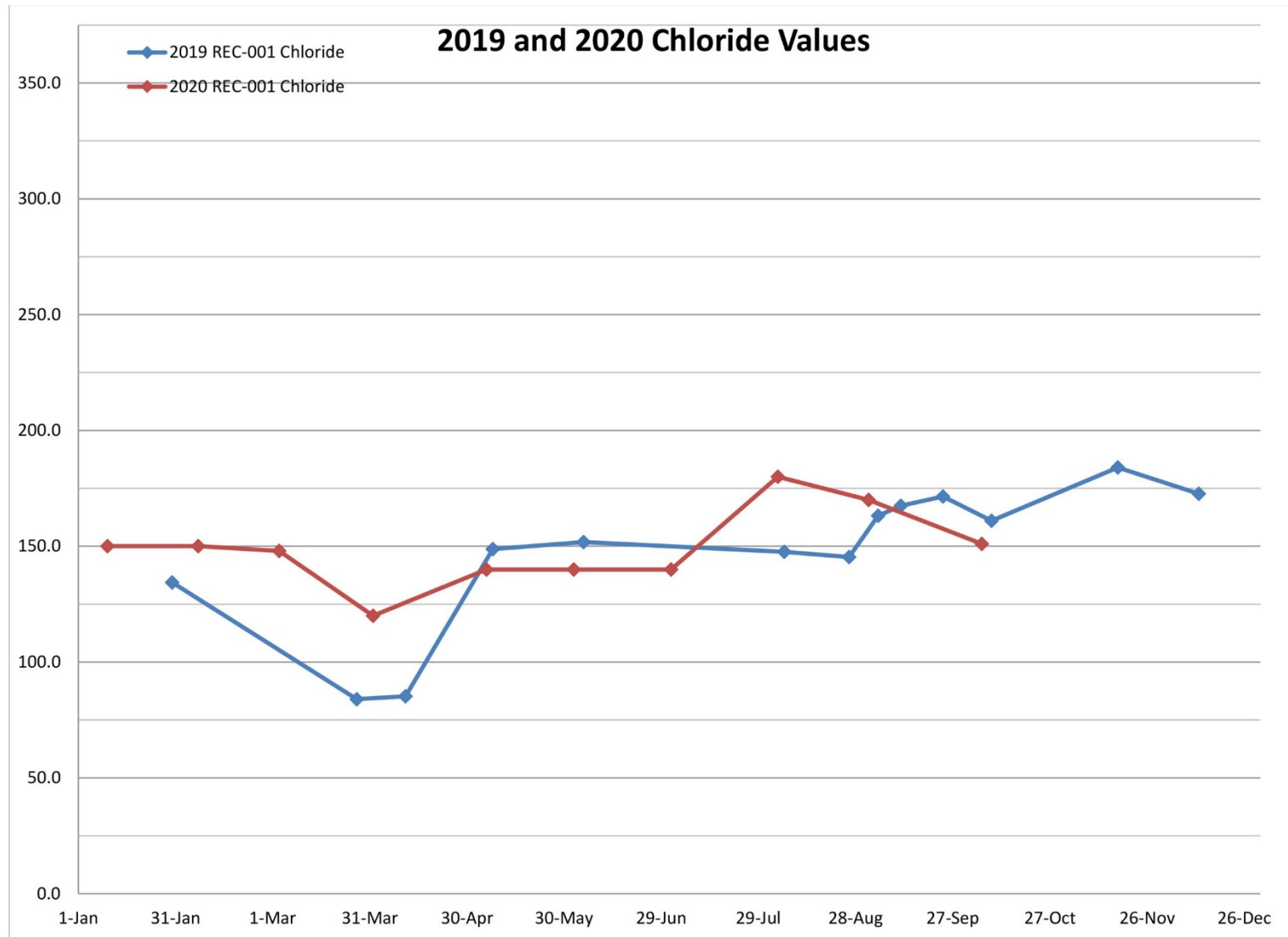
The address for the Parcel in question is _____. For your reference, in 2020, you used _____ gallons, which is ____ acre feet.

Please respond by December 1, 2020 and let us know your estimated recycled water usage for calendar year 2021.

If you have any questions, please let me know. If you receive multiple emails, please note that each email pertains to a different parcel and wherever possible we have included the address of the property in question within the email. If you receive an email in error, I apologize for any inconvenience and would greatly appreciate your help getting this email to the right contact.

Chloride Chart

Go to www.napasan.com for updates.



Please note- Some chloride values posted after September 24, 2018 are calculated using conductivity measurements.

LCWD Connected Parcels as of November 4, 2020

