



NAPA SANITATION DISTRICT MEMORANDUM

DATE: June 3, 2020
TO: LCWD Board of Directors
FROM: Robin Gamble Holley, NapaSan
SUBJECT: May 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	88.0****
Summer Water Use (AF) (May – Oct)	110	194	239	210	20
Calendar Year Actual Water Use (AF)	122	197	319	274	161*
Connected Users (out of 107)				50	50
Connected Acres (out of 4,128)				1726	1726
Connected Irrigable Acres (out of 3,140 Acres***)				1,392	1,392
Peak Hour Flow (GPM)			2,400**	2,425**	N/A
Peak Day Flow (GPM)			1,950**	2,200**	N/A

* As of June 1, 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

Average <u>May</u> Chloride Reading (mg/L)	140.0
The last (and only) Chloride sample was taken on 5/6/20 – Chloride Reading (mg/L)	140.0

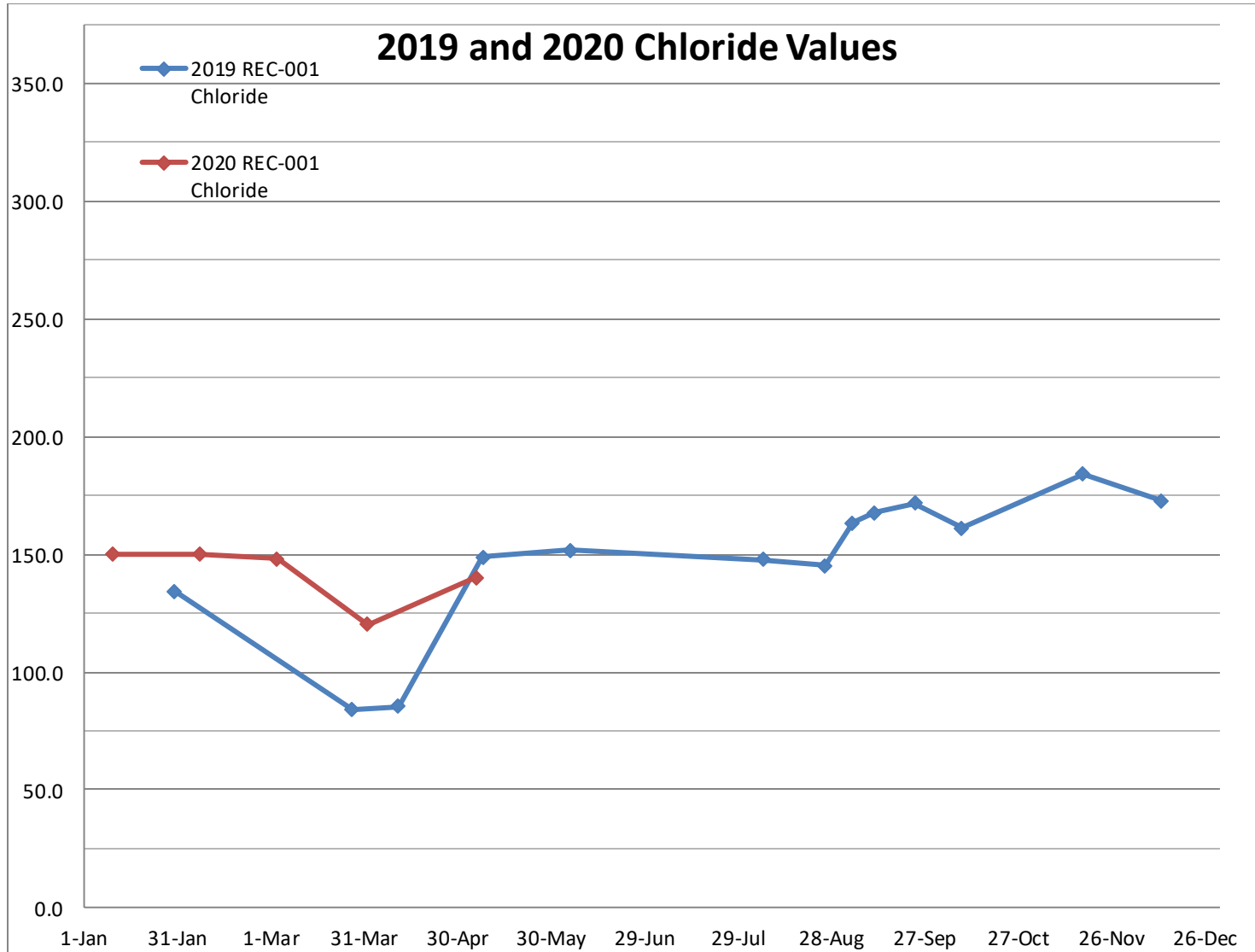
NapaSan Contacts

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.

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 June 2, 2020

