



## NAPA SANITATION DISTRICT MEMORANDUM

**DATE:** May 5, 2020  
**TO:** LCWD Board of Directors  
**FROM:** Robin Gamble Holley, NapaSan  
**SUBJECT:** April 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 Permit<sup>1</sup> 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	80.0****
Summer Water Use (AF) (May – Oct)	110	194	239	210	N/A
Calendar Year Actual Water Use (AF)	122	197	319	274	141
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 April 30, 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 April 30, 2020, 20 responders out of 34 requests

**Water Quality Data**

Average <u>April</u> Chloride Reading (mg/L)	120.0
The last (and only) Chloride sample was taken on 4/1/20 – Chloride Reading (mg/L)	120.0

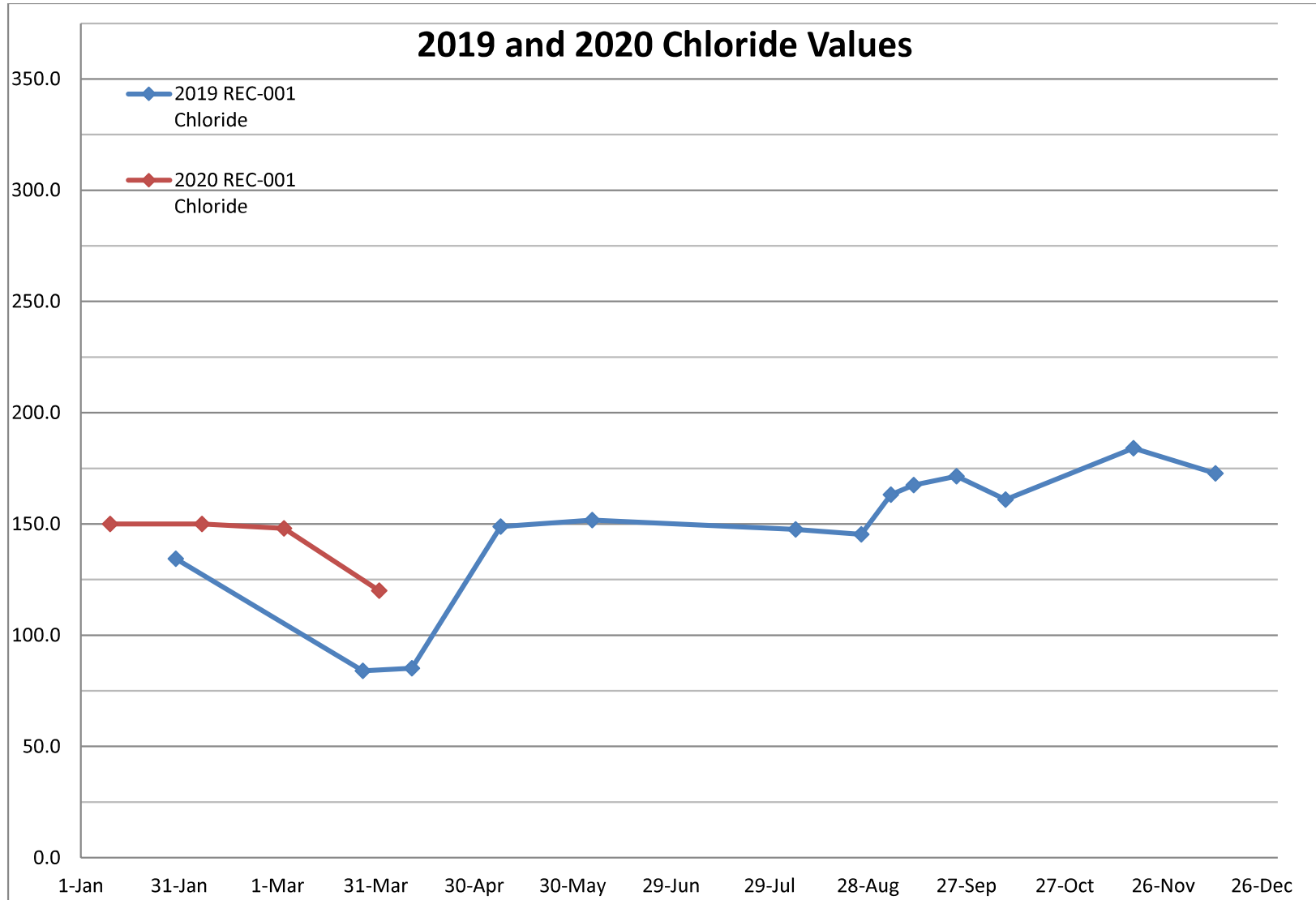
**NapaSan Contacts**

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

<sup>1</sup> - 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](http://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 April 30, 2020

