



NAPA SANITATION DISTRICT MEMORANDUM

DATE: January 29, 2021
TO: LCWD Board of Directors
FROM: Andrew Damron, NapaSan
SUBJECT: 2020 Recycled Water Update

Purpose

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

Statistics

<u>Description</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Requested Allocation (survey) (AF)	476	179	242	100	88	129****
Summer Water Use (AF) (May – Oct)	110	194	239	210	436*	
Calendar Year Actual Water Use (AF)	122	197	319	274	636*	
Connected Users (out of 107)				50	54	54
Connected Acres (out of 4,128)				1,726	2,222	2,222
Connected Irrigable Acres (out of 3,140 Acres***)				1,392	1,697	1,697
Peak Hour Flow (GPM)			2,400**	2,425**	3,260**	
Peak Day Flow (GPM)			1,950**	2,200**	2,680**	

* As of December 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 January 29, 2021, 21 responses out of 50 properties

Water Quality Data

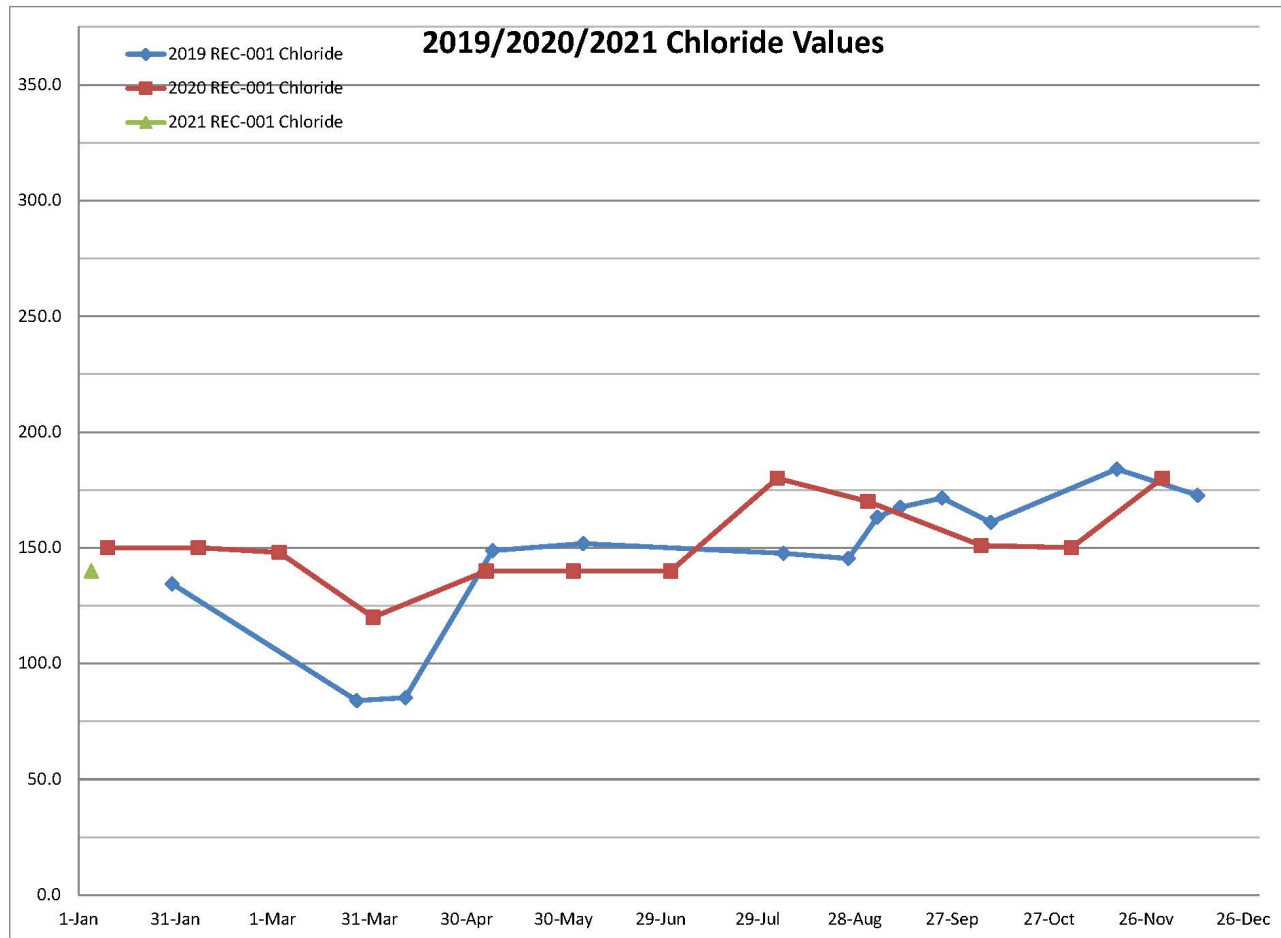
The last Chloride sample was taken on 1/5/21 – Chloride Reading (mg/L)	140
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NapaSan Contacts

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

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 January 25, 2021

