



NAPA SANITATION DISTRICT MEMORANDUM

DATE: July 1, 2021
TO: LCWD Board of Directors
FROM: Andrew Damron, NapaSan
SUBJECT: 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	133****
Summer Water Use (AF) (May – Oct)	110	194	239	210	436	362*
Calendar Year Actual Water Use (AF)	122	197	319	274	636	689*
Connected Parcels (out of 107)				50	51	63
Connected Acres (out of 4,128)				1,726	2,222	2,631
Connected Irrigable Acres (out of 3,140 Acres***)				1,392	1,697	2,017
Peak Hour Flow (GPM) **			2,400	2,425	3,260	3,090
Peak Day Flow (GPM) **			1,950	2,200	2,680	2760

* As of July 1, 2021

** 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 May 6, 2021, 22 responses out of 51 properties

Water Quality Data

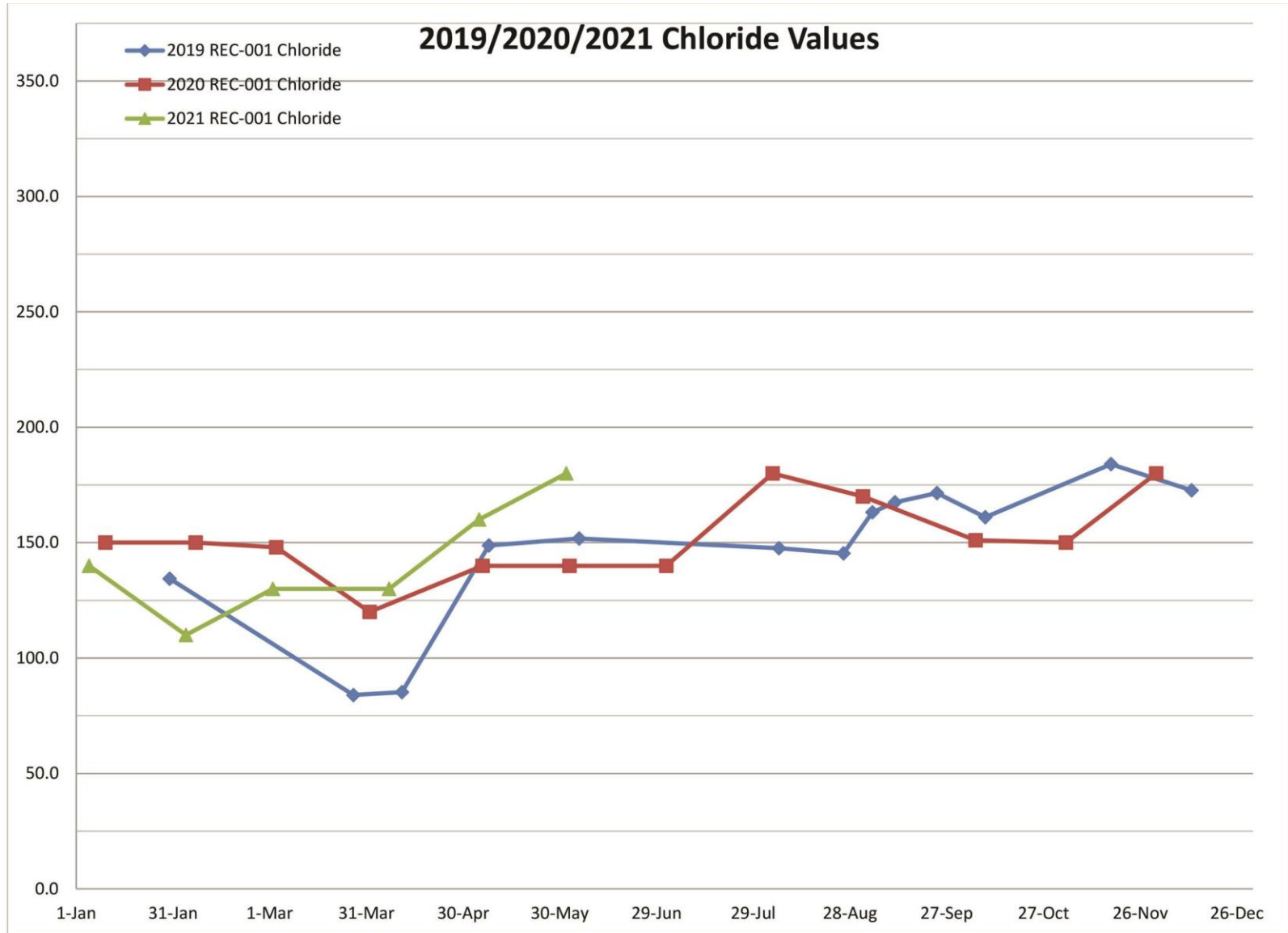
The last Chloride sample was taken on 6/1/21 – Chloride Reading (mg/L)	180
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NapaSan Contacts

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.

