



NAPA SANITATION DISTRICT MEMORANDUM

DATE: May 6, 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 | |
| Calendar Year Actual Water Use (AF) | 122 | 197 | 319 | 274 | 636 | 327* |
| Connected Users (out of 107) | | | | 50 | 51 | 51 |
| Connected Acres (out of 4,128) | | | | 1,726 | 2,222 | 2,232 |
| Connected Irrigable Acres (out of 3,140 Acres***) | | | | 1,392 | 1,697 | 1,704 |
| Peak Hour Flow (GPM) | | | 2,400** | 2,425** | 3,260** | |
| Peak Day Flow (GPM) | | | 1,950** | 2,200** | 2,680** | |

* As of April 30, 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

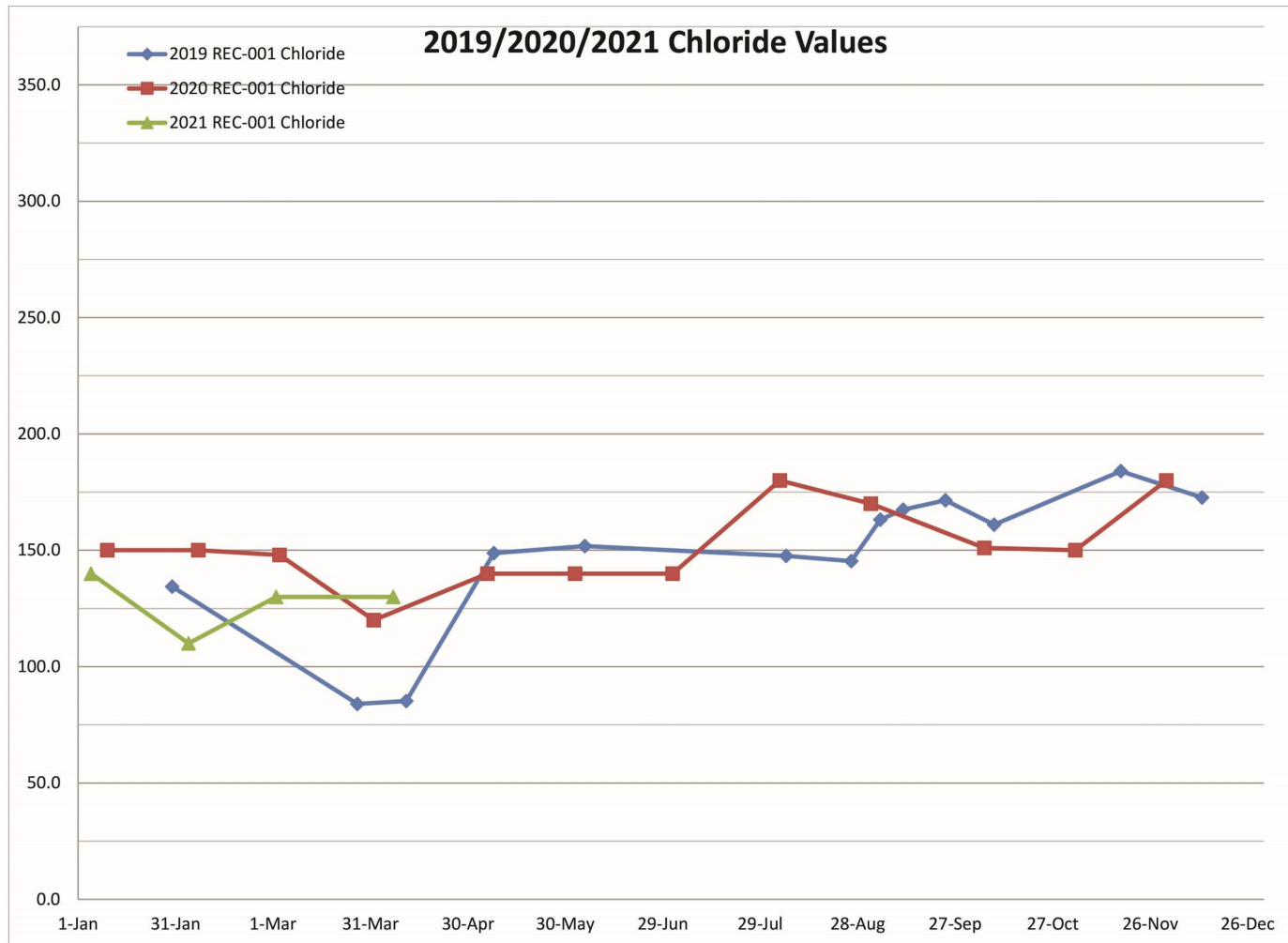
| | |
|------------------------------------------------------------------------|-----|
| The last Chloride sample was taken on 4/7/21 – Chloride Reading (mg/L) | 130 |
|------------------------------------------------------------------------|-----|

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 May 4, 2021

