



October 7, 2021

Board of Directors
Los Carneros Water District
1515 Soscol Ferry Road
Napa CA 94558

RE: Winter Recycled Water Supply

Directors:

Per the request of a sub-committee (Walker, Drayton, and Lincoln) of the Board of Directors of Los Carneros Water District (LCWD), I completed a review of winter recycled water supply.

I reviewed recycled water supply data for calendar years 2011 through 2019. I omitted 2020 calendar year data from my analysis due to COVID (decrease in tourism and the resulting decrease in wastewater volume).

The amount of recycled water NapaSan can distribute in the winter to fill reservoirs ranges from 550 acre-feet in dry years, such as 2013 and 2015, up to 4,000 acre-feet in wet years, such as 2017.

According to the Carollo pre-project feasibility study, reservoirs within the LCWD assessment district have a collective storage capacity of approximately 3,000 acre-feet.

Based on this information, I can preliminarily conclude that NapaSan could only have winter water available to fill reservoirs outside the LCWD assessment district in wet years.

Currently, LCWD is allocated 450 acre-feet of recycled water during the irrigation season (May-Oct) and 800 acre-feet of recycled water during the winter. Please note that allocation of recycled water is determined by NapaSan Board policy.

Contact me with questions at (707) 258-6007 or adamron@napasan.com.

Sincerely,

Andrew Damron, PE
Technical Services Director

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