

ADDITIONAL SUPPLY WITH LAKE CLEMENTIA AS A PERMITTED STORAGE RESERVOIR	ACRE FEET
<i>Clementia Gross Storage</i>	850
<i>Clementia Evaporation using current 19.8% evaporation rates</i>	(168)
<i>Seepage using current 7.7% seepage rates</i>	(65)
<i>Net Clementia Storage on June 1 (100% full)</i>	617
<i>Calero & Chesbro Net Storage (from chart 1)</i>	2,449
<i>Clementia Net Storage. (from above)</i>	617
<i>Total Net Storage With 3 Permitted Reservoirs</i>	3,066
<i>Total Present Annual Water Demand + All Annual Entitled Demand for which there are county approved final maps (chart #1 above)</i>	1,997.6
<i>Excess Storage In Calero, Chesbro and Clementia on June 1. Pumping may not begin until November 1</i>	1,068.4
<i>Average months of supply on June 1 of a water year without conservation in place with Lake Clementia available for potable use</i>	5.3
<i>Aggressive, 50% conservation will double water storage. & double the average months of supply</i>	10.6

- Neither a two or three reservoir supply provide an “emergency” or additional contingency source of supply
Emergency storage is not shown in these charts
- Clementia dead storage is unknown and is not shown. Clementia has not been evaluated with bathymetric and
Clementia’s actual storage is unknown. Clementia is permitted for 850 acre feet of storage but is included in a per
annum storage limits contained in Permit 16762. Per annum storage is limited to a total of 2,650 acre feet that
may be stored in Clementia, Calero and Hole 10 South.

**STORAGE IN PERMITTED CALERO
AND CHESBRO RESERVOIRS****ACRE FEET****Gross Storage Combined Calero + Chesbro
including stop logs, using bathymetric results
of reservoir capacity****3,708**

Evaporation Calero + Chesbro

(737)

Seepage Calero + Chesbro

(287)

Dead Storage Calero + Chesbro

(233)

**Net Storage Combined Calero + Chesbro
(assumes 100% full on June 1 of a water year
after subtracting annual losses for
evaporation, seepage and dead storage****2,449****Actual Water Demand on 12/31/2022 (includes
water billed and systems losses and un-billed
water****1,716**

Entitled Development Beyond 12/31/2022

+ Retreats

24

+ Riverview

92

+ Residences

165

+ Murieta Gardens

0.6

**Total Present Water Demand + All Future
Entitled Demand for which there are county
approved final maps****1997.6****Average Demand Per Month****166.4****Excess Storage In Calero and Chesbro at the
end of diversion on June 1 (assumes 100% full)
This is NOT emergency storage !****451.4****Average months of supply on June 1 of a water
year without conservation in place****2.7****Aggressive, 50% conservation will double
double the average months of supply****5.4**