

# AVAILABLE WASTEWATER TREATMENT PLANT CAPACITY

## 2013 Estimated Wastewater Capacity Available

April 2, 2013

1.	Permitted Treatment Plant Capacity	0.84 mgd
2.	Average Dry Weather Flows	<u>0.49 mgd</u>
3.	Excess Capacity [ Line 1 – Line 2 ]	0.35 mgd
4.	Excess Capacity in acre feet [ Line 3 x 1,120 ]	392.0 afy
5.	Growth Management, Standby and Other Allocations	212.9 afy
6.	Capacity Buffer [ Line 4 x 0.1]	<u>39.2 afy</u>
7.	Total Reserved [ Line 5 + Line 6 ]	252.1 afy
8.	<b>Available Capacity</b> [ Line 4 – Line 7 ]	<b>139.9 afy</b>

1. Treatment Plant Permit rated capacity (average dry weather flow, ADWF).
2. Average Dry Weather Flow over the last five years (2008-2012). These are metered influent flows to the WWTP that occur from July through September.
3. Excess capacity available in million gallons per day.
4. Excess capacity, converted to acre-feet per year (multiply by 1120).
5. Growth Management, Standby and Other Allocations:

Standby	14.5 afy
Paid Allocations and Development Agreements	111.6 afy
Bottling Works Unused Obligation	85.6 afy
Growth Management Allocations	<u>1.1 afy</u>
Total	212.9 afy
6. Capacity Buffer is 10% of the excess available capacity before standby and other obligations are deducted.
7. Estimated total reserved is the combined total of the standby and other obligations plus a 10% capacity buffer.
8. Estimated remaining capacity available for use in 2013.

*Bottling works includes: Calistoga Mineral Property (95 – 9.4 = 85.6); Crystal Geysers has 0 baseline & is included in Line 2*