

It takes a Village:

Working Together to Craft Effective Urban Water
Management Plans

Sponsored By:
Wholly H₂O and Tuolumne River Trust

January 10, 2011

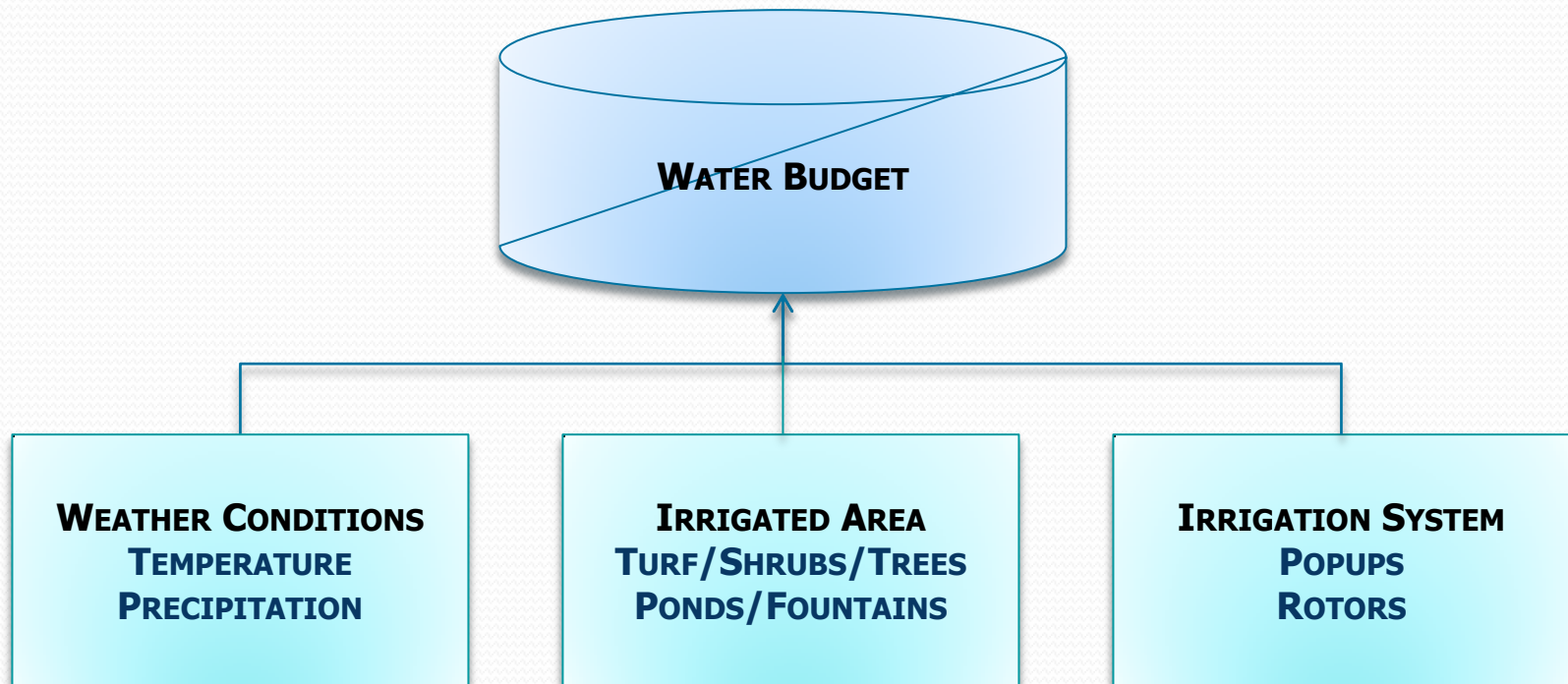
Water Budgets

“Water budgeting is a simple way to determine water used by plants. It is very much like balancing a checkbook where water applied through precipitation or irrigation is a deposit and water withdrawn by plant water use and evaporation is debited. By tracking water use it is easy to efficiently manage water applied to the landscape and ensures that excessive water is not applied.”

California Department of Water Resources. (2009): Model Water Efficient Landscape Ordinance. Page 11

Water Budgets

Comprised of three basic factors:



Andrew Spinas Park
2nd & Broadway
Subsite ID: 100522
Account #: A70441



S=892 sq ft

S=1,073 sq ft

T=1,512 sq ft

T=1,203 sq ft

S=72 sq ft

S=154 sq ft

S=805 sq ft

T=949 sq ft

S=231 sq ft

T= 1,905 sq ft

S= 170 sq ft

S= 3,832 sq ft

T= 5,249 sq ft

T= 903 sq ft

S= 756 sq ft

S= 350 sq ft

T= 4,000 sq ft

S= 750 sq ft

T= 1,680 sq ft

S= 3,172 sq ft

Shrub Total = 12,257 sq ft
Turf Total = 17,401 sq ft



Site Managers

Water Allocation Program



Weather Conditions

System Efficiency



Irrigated Area





Site Managers

From: Water Allocation Program
Sent: Monday, March 23, 2009 7:00 AM
To: H2O Joe
Subject: ****ALERT**** SUBSITE 123456-3 IS OVER WATER ALLOCATION BY 22%

Dear Water Customer:

Subsite 123456-3 is over water allocation by 22%.

Please do the following to stay within water allocation:

- Review your irrigation schedule
- Inspect your irrigation system for leaks
- Inspect your irrigation system for any missing or broken sprinkler heads
- Inspect your irrigation system for malfunctioning irrigation control valves

You can view your water consumption and allocation by clicking [here](#) and entering your account information.

For more tips on how to save water, or for any technical assistance with your irrigation system, please visit www.redwoodcity.org/conservation or call our water conservation hotline at (650) 780.7436.

Sincerely,

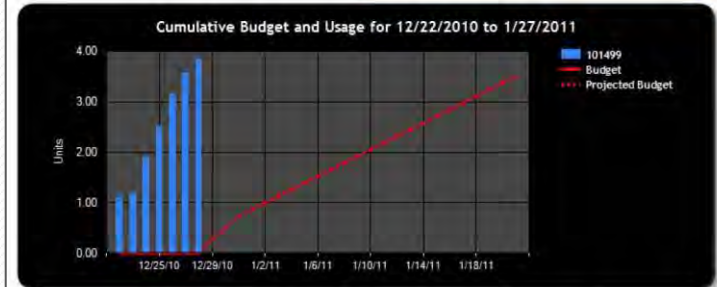
Redwood City's Water Conservation Program

This personalized report is for:

As of Tuesday, December 28, 2010

Total consumption to date: 3.9 units
 Total water budget to date: 0.0 units
Percent of Water Budget: 0.0%

Subsite Number: 100463-3



Estimated Water Charges for the Current Billing Period	Fixed Service Charge	Estimated Water Consumption Charge*	Gallons per Day	Estimated Period Total
Based on your current water use trend	\$144.15	\$152.88	416.7	\$297.03
Based on the projected budget	\$144.15	\$15.68	84.7	\$159.83
This is your estimated (loss)			(332.0)	(\$137.20)

*The City does not charge customers for water consumption less than one unit.

[Login](#) to the City's Water Use Portal to view additional account details including hourly water use, specific factors that affect your water budget, weather information, and more.

Water Allocation Program

