



WYNOLA WATER DISTRICT  
PO Box 193  
Santa Ysabel, CA 92070  
760-765-4872

**Notification of Emergency Drought  
Conservation Requirements**

May 15, 2015

Dear «Name» (Lot #«Lot»),

The Wynola Water District is sending this notice to all water users in the neighborhood to be sure that everyone understands the current water availability status in Wynola Estates. Everyone has been bombarded with drought concerns throughout California. Our local water situation is different than much of the State because all our water comes from wells located in the Estates. There are no connections to bring other water into our neighborhood. Also unlike portions of central California, there isn't an expansive underground aquifer that all the local wells tap into. In our area, each well is tapping a relatively small, localized aquifer that collects water during the rainy season. The water levels fluctuate throughout the year. WWD has been tracking the water levels of our active wells since November 2008. Water levels at the wells drop fairly consistently with water usage during the non-rainy periods and rise shortly after a local rain.

Unfortunately over the last 4 years, the decreased rainfall has not been enough to replenish the water levels to replace the quantity of water that our neighborhood uses. In fact, the water level in our 2 largest producing wells was the lowest we have ever recorded in July 2014. Although the water levels have recovered slightly during the current rainy season, as of May 1, 2015, they were still more than 100 feet lower than they were on May 1, 2014. We would have to assume if we continue to use the same quantity of water that was used last spring and summer the well water levels would drop more than 100 feet below last July's levels. We don't know if the wells will be able to provide the same quantity of water as the water level drops to record lows.

WWD has looked at the water usage by the individual lots over the last 9 quarters. It was noted that the 16 highest users out of 70 developed lots used nearly 50% of all the water in 2013 and 2014. Each home owner has their own unique water needs. However, it is obvious from the significant usage levels per lot that a majority of the water provided to the community is being used for other than nondiscretionary (health and hygiene) home use. It is assumed that other than leaks most of the discretionary use is for irrigation, gardens, pools, water features, etcetera. When there is plenty of water, these discretionary uses provide enjoyment to the members of our community. With the drought conditions we are now experiencing, it will be necessary to cut back on many of the discretionary uses to assure that every home will have adequate water for nondiscretionary health and hygiene needs.

Since we have heard from several neighbors that they really aren't aware of how much water they have been using, a table is attached to this notice that provides an individualized water usage history for your lot. This table lists your quarterly usage in billing units (100 cubic feet or 748 gallons of water). Since Units are difficult to relate to, the table also provides the total gallons used for the quarter and the approximate gallons per day. The last row in the table provides the average use for the 70 developed lots in the District for comparison to your usage. The total usage for each lot was tabulated for 2013 and 2014 and assigned a ranking from 1 to 70 (1 being the highest usage and 70 the lowest). Your lot's ranking is «Ranking».

## Individual Lot Water Use History

Lot # Usage Ranking	35	2013				2014				2015
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr
Actual Use for Lot	Units/Qtr.	23	50	42	26	24	45	41	29	28
	Gal/Qtr.	17,204	37,400	31,416	19,448	17,952	33,660	30,668	21,692	20,944
	Average Gal/Day	191	416	349	216	199	374	341	241	233
Average WWD Customer Usage	Gal/Day	208	440	549	299	241	449	507	324	266

- Notes:
- Use ranking is the relative order of the use of this lot compared to the 70 developed lots in the Wynola Estates. 1 is the highest user and 70 the lowest user based on the total usage for 2013 and 2014.
  - 1st Qtr is Jan 1 to Mar 31; 2nd Qtr is Apr 1 to Jun 30; 3rd Qtr is Jul 1 to Sep 30; 4th Qtr is Oct 1 to Dec 31
  - Quarterly quantities are based on individual meter readings used for Billing
  - One Unit is equal to 100 cubic feet which is equal to 748 gallons
  - Gallons per day are calculated assuming 90 days per quarter.
  - For questions please send an email to the District at [WynolaWater@gmail.com](mailto:WynolaWater@gmail.com) or call the District at 760-765-4872

### Typical Meter



### How To Read Your Meter

All WWD customers have a meter that measures their water use. Meters measure cubic feet of water used (1 cubic foot equals about 7-1/2 Gallons). WWD bills in units of 100 cubic feet (748 gallons).

The meter is like your car's odometer. The number in the box above "CUBIC FEET" indicates the total amount of water used since the meter was installed. The meter at the right has recorded 335.77 units which is equal to 251,156 gallons. One revolution of the needle is one cubic foot or 7.48 gallons.

### Why Read Your Meter?

- Your can check your meter to determine if you have a leak.
- By tracking water use you'll know what activities or fixtures are using water and how much so you can make informed choices about how you use water.
- If you check your meter often you are more likely to identify spikes in water use.

**WHAT CAN YOU DO TO HELP THE COMMUNITY HAVE WATER FOR ESSENTIAL NEEDS THROUGH THE REST OF THE DROUGHT?**

**Water Statistics:**

*In 2013 WWD distributed 9.2 million gallons of water and in 2014, 9.5 million gallons of water.*

*Approximately 65% of the water used in the last 2 years was used between July 1 and September 31.*

*The July to September usage in 2013 was 6.1 million gallons. For same period in 2014 usage was 8.0 million gallons. To meet the State 25% reduction target, water usage would have to drop to 4.6 million gallons. That is 3.4 million gallons less than was used in the same period last year.*

**Rain Statistics:**

*The rainfall season is tracked from July 1 to June 30. Local rainfall for the last 7 years have been:*

<i>2008/9</i>	<i>22.0"</i>
<i>2009/10</i>	<i>34.9"</i>
<i>2010/11</i>	<i>45.7"</i>
<i>2011/12</i>	<i>22.4"</i>
<i>2012/13</i>	<i>18.6"</i>
<i>2013/14</i>	<i>16.4"</i>
<i>2014/ May 1,2015</i>	<i>13.2"</i>

• Look at your current usage (see table on page 2) as compared to the average use for the community. If you are using more than the average, look at what you can do to significantly reduce your water usage especially from June through November. If you are using about the average amount of water there still could be things you can change to conserve a substantial amount of water. If you are far below the average there probably are not ways to significantly reduce usage but, common sense conservation habits will allow you not to waste precious drinking water. We all need to do our part!

- Everyone:
  - Look at your water usage. If you can't determine where the water is going check for leaks. (See "How to Read Your Meter" on page 2)
  - Reduce outside irrigation to not more than twice a week and don't run outside irrigation during or within 48 hours after measurable rainfall. (Change the programming of irrigation timers or manually control watering to water early in the morning or late in the evening when temperatures are cooler.)
  - Adjust irrigation systems to water only the desired areas.
  - Don't wash off paved areas with potable water and don't use hoses without shut off nozzles when washing vehicles.
  - Fix leaks as soon as possible.
  - Look at the conservation measures being discussed on the internet (e.g. SaveOurWater.com) or in the media and adopt the conservation habits that are most appropriate for you.

Based on State mandates, every water district is responsible for reducing water usage by at least 25% for June 2015 through February 2016. as compared to the same period in 2013. For the District as a whole to accomplish this, the larger users will have to reduce water usage by a larger percentage to make up for the smaller water users that won't be able to cutback that much. Although the State is still working out how they are going to manage small water districts such as WWD, they are threatening large fines against any water district that does not achieve the 25% reduction.

Regardless of potential fines, if our community does not conserve it may not be possible to provide the basic water needs of anyone in the community. Our only source of water is from local rains, when that water runs out there is no more water other than what you buy at the store.

Although commercial use of water provided to the individual lots is not allowed, the water district has on occasion sold water commercially during the winter months at significantly higher rates to help offset operating costs. The District has curtailed future commercial water sales until well water levels recover substantially. The District is also going to postpone hydrant flushing until water levels reach adequate levels. The well water levels are being checked twice a month and water production is checked daily. If water level conditions get to a critical level or we are failing to meet the State mandated conservation levels as the summer approaches more significant water use reductions may be required.

Thank you for your understanding and cooperation during this difficult time.

Sincerely,  
Wynola Water District Board of Directors