



**Moulton Niguel Water**  
*Leading the Way in Service*

# WATER EFFICIENCY BUDGET AMENDMENT

Finance and IT Board Meeting

October 14, 2015

# WATER EFFICIENCY FUND SUMMARY

- Collected from higher tiers or from penalties
- Dedicated to conservation and water reliability efforts
- Separate accounting from General Fund
- Primarily rebate driven
  - 2/3 of Fund 6 Operating Budget
- Other major expenses
  - RW Extension Projects
  - Consulting
  - Labor
  - Outreach

# ADOPTED WATER EFFICIENCY FUND BUDGET

- Major adopted budget figures:
  - Rebates: \$3,129,624
  - RW Extension Projects: \$1,695,611
  - Consulting Services: \$850,000
  - Labor: \$668,156
  - Outreach: \$92,810
  
- Total Current Fund Balance: \$7 M

# CHANGES FROM BUDGET ADOPTION

- Time lag in application processing
- Spike in turf removal program interest
- Over 10 times historical interest
- Large turf projects
- Increased outreach for drought response

# RECOMMENDATION

Description	Adopted Budget	Proposed Budget
Rebates	\$3,129,624	\$4,849,624
Outreach	\$92,810	\$489,751

Consistent w/ Projected Revenues and Fund Balance

# GOING FORWARD

- Review application processing
- Close monitoring
- Regular Board updates



# 2016 RATE UPDATE

Finance and IT Board Meeting

October 14, 2015



# RATE HISTORY

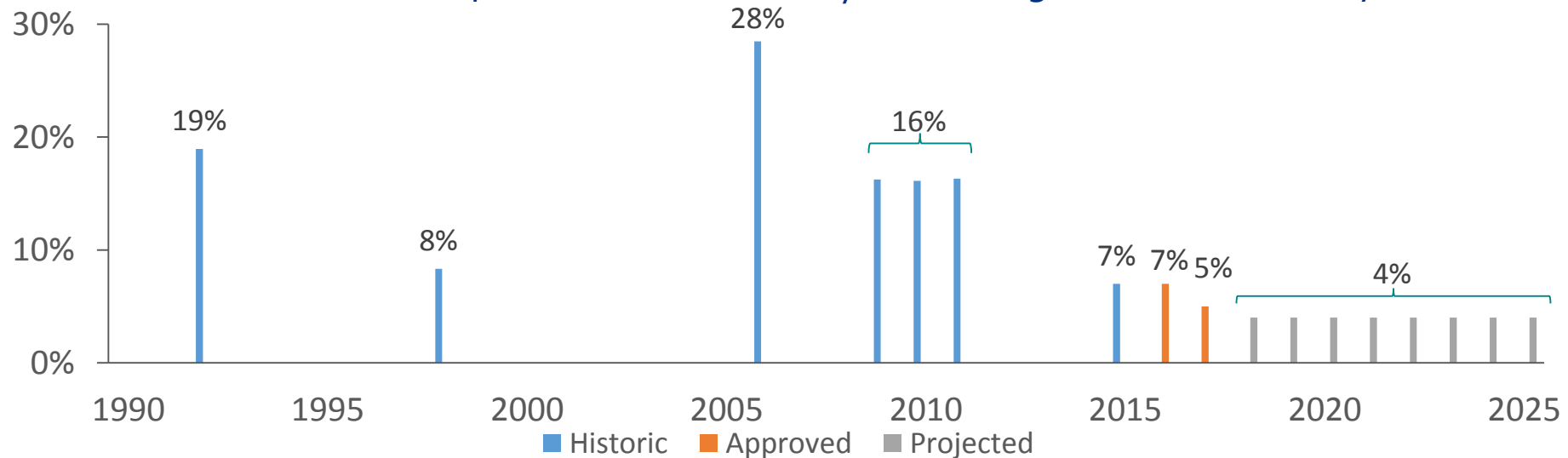


# ADOPTED LRFP RATE STRUCTURE OBJECTIVES

- Transparent and consistent
- Avoid unanticipated rate hikes
- Issue debt only when required
- Financial flexibility

# RATE HISTORY

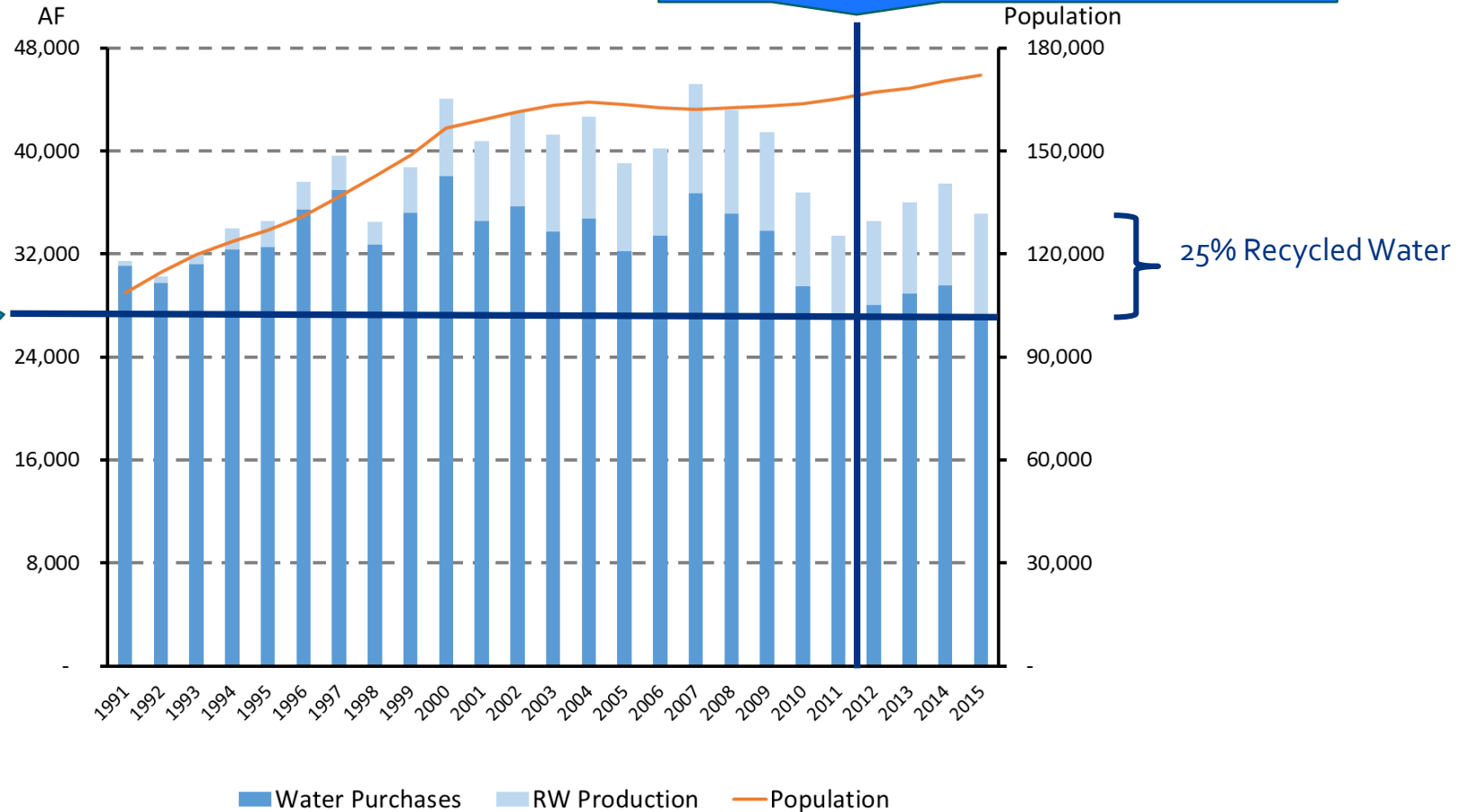
- Adopted new rates Feb. 11, 2015
  - Only 4 customers protested
- Long-Range Financial Planning model used to develop rates
  - Rates assumed 4% increases in future years and \$30M issuance in 2017



# DEMAND MANAGEMENT EFFORTS

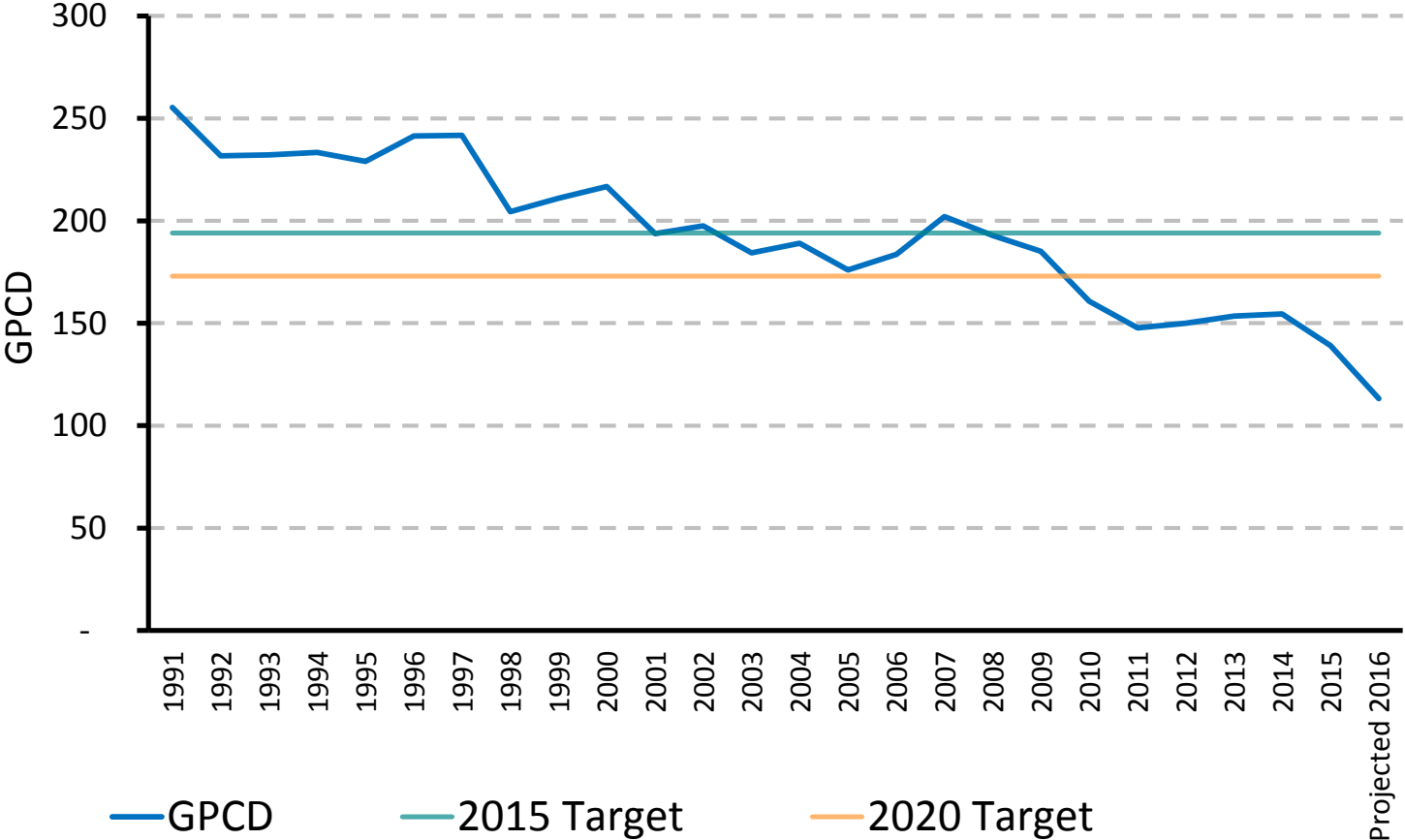
Water Budget Rates Implemented

2015 = Lowest potable water use since 1990



# DEMAND MANAGEMENT EFFORTS (CONTD.)

GPCD - 20x2020 Trends and Targets





# LONG-RANGE FINANCIAL PLAN

# LONG-RANGE FINANCIAL PLANNING MODEL

10-year forecast based on:

- Projected O&M
  - CA Dep. of Finance Local Consumer Price Index
- Board approved CIP
- Existing debt obligations
- FY 2017 debt issuance removed



# RATE STRUCTURE PERFORMANCE

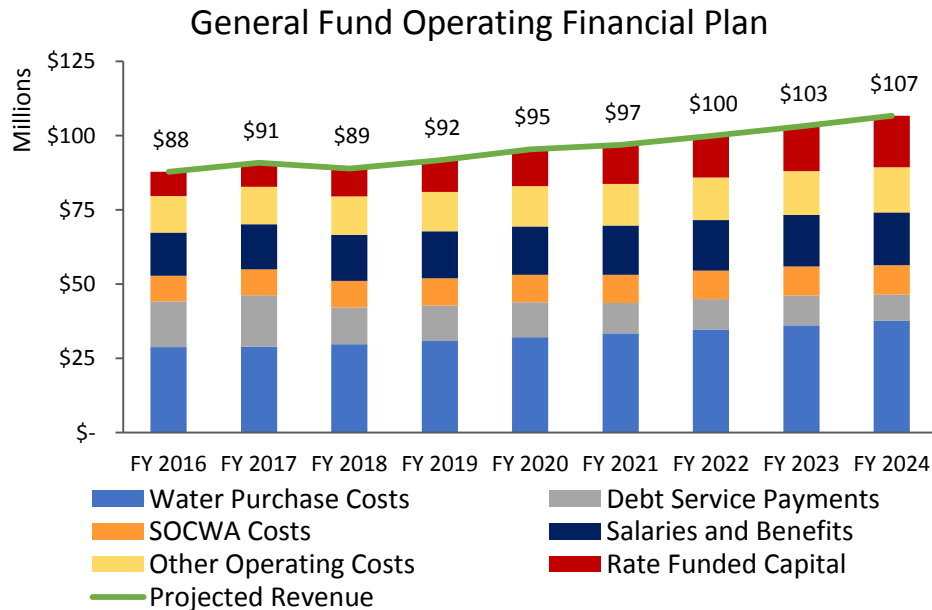
# RATE STRUCTURE PERFORMANCE

- Financially stable
  - Other agencies are struggling
- Draw down on reserves to minimize rate fluctuations
- Drought penalty revenue lower than historical WUE revenue



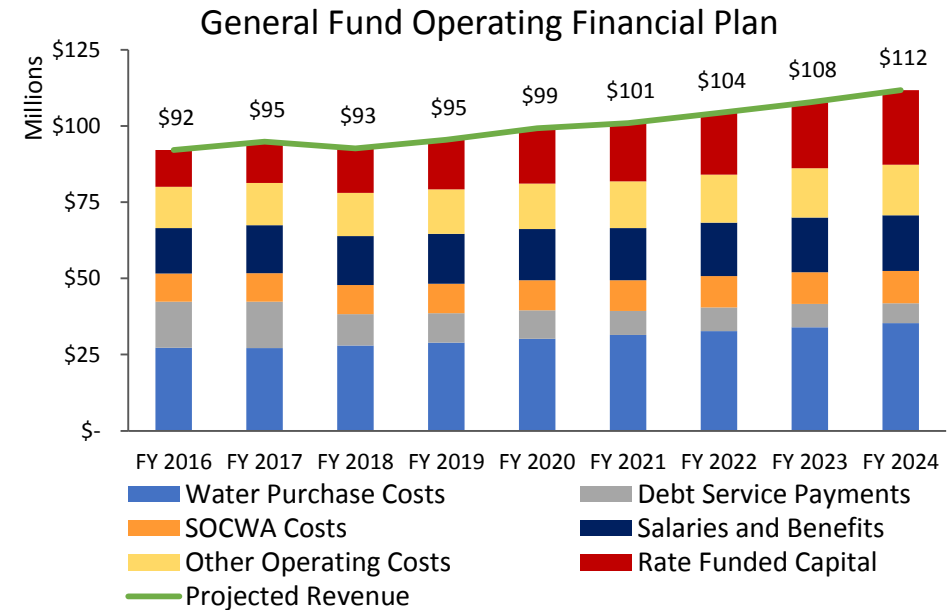
# OPERATING FINANCIAL PLAN

## Cashflow Forecast October 2014



- \$30M debt issuance in FY 2017
- Annual Property Tax = \$22M

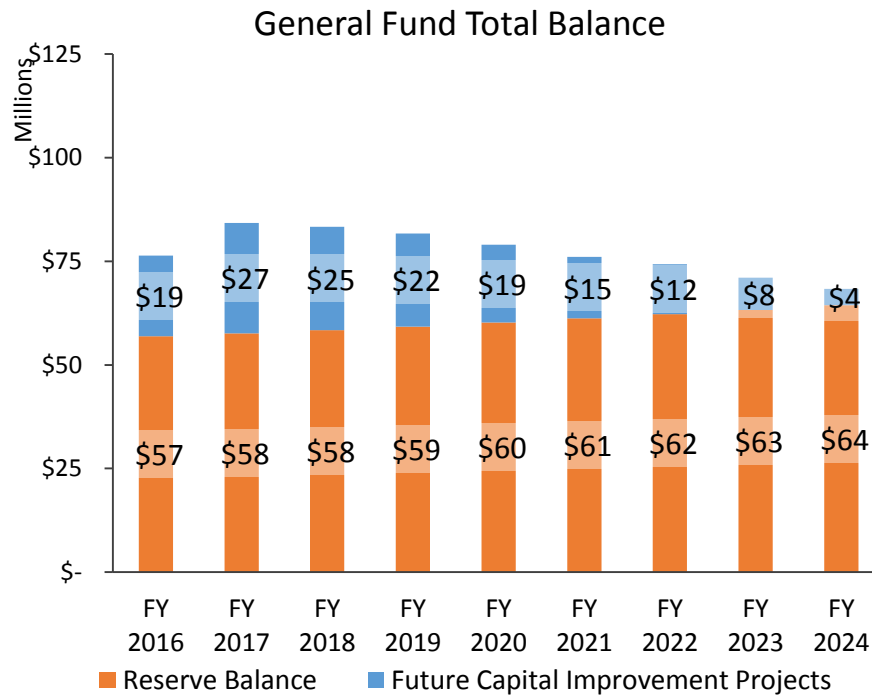
## Updated Cashflow Forecast



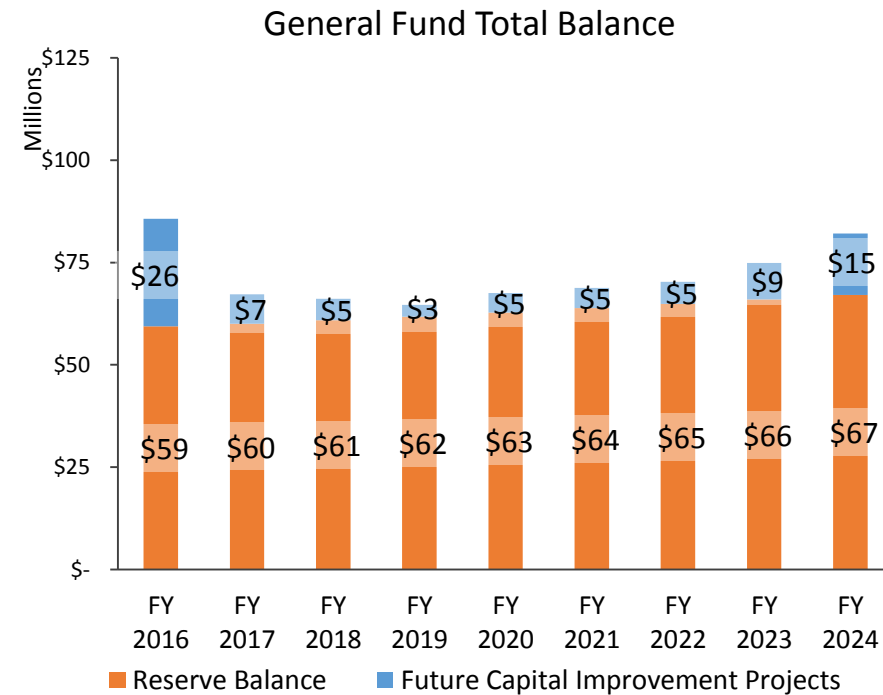
- Defer debt issuance
- Annual Property Tax = \$26.5M

# GENERAL FUND BALANCE

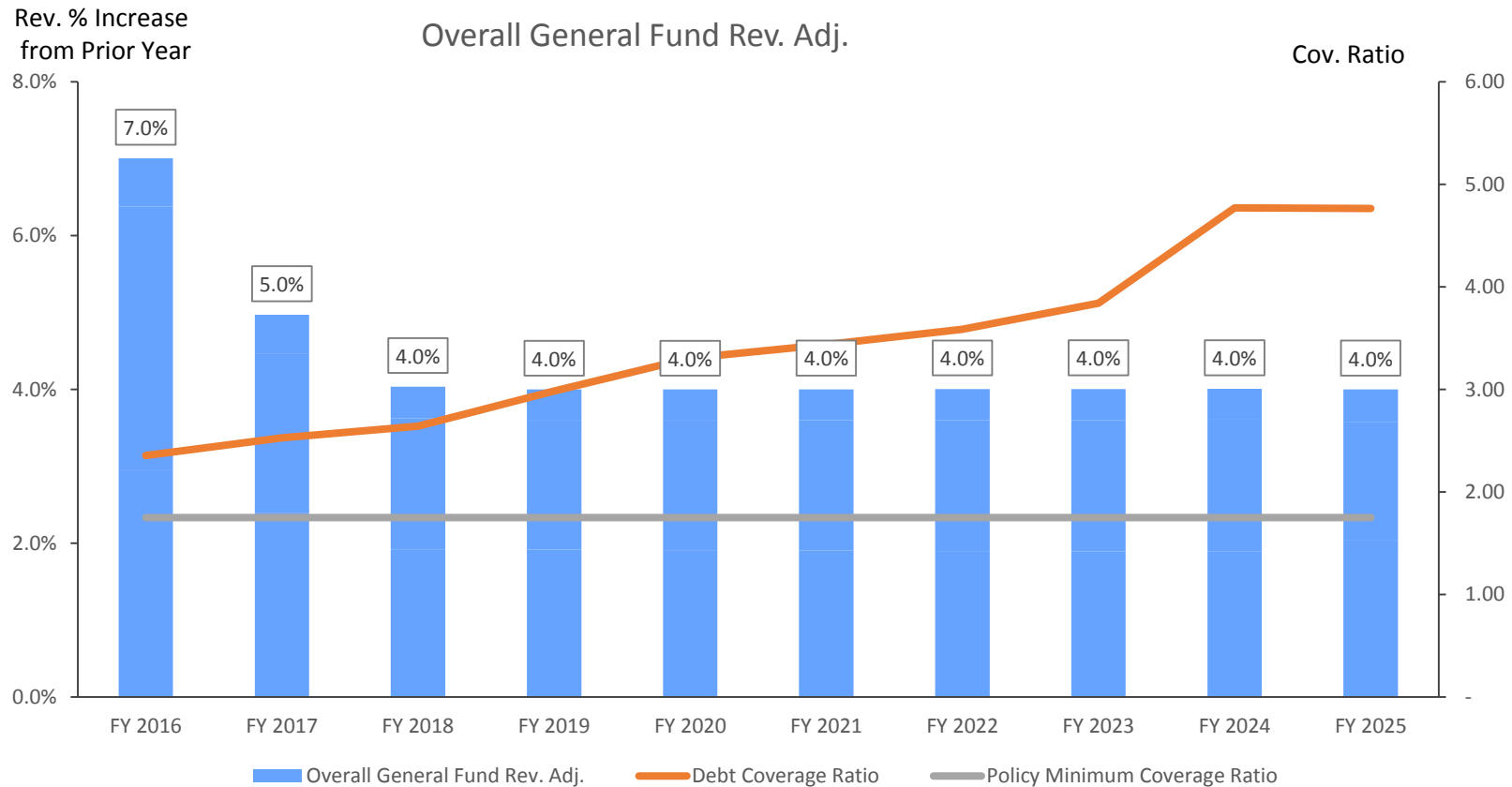
## Cashflow Forecast October 2014



## Updated Cashflow Forecast



# SCHEDULED RATE ADJUSTMENTS



# OUTLOOK

- Further drought cutbacks
- Further demand management
- \$40M in known but unscheduled CIP
- Aging infrastructure

# MNWD Overall General Fund Pro-Forma

Revenue	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Potable Water Sales	\$ 27,526,078	\$ 28,926,159	\$ 30,123,668	\$ 31,238,244	\$ 32,394,059	\$ 33,592,639	\$ 34,835,567	\$ 36,124,483	\$ 37,461,089	\$ 38,904,361
Sewer Sales	\$ 19,113,474	\$ 20,539,641	\$ 21,584,365	\$ 22,566,211	\$ 23,581,691	\$ 24,642,867	\$ 25,751,796	\$ 26,910,626	\$ 28,121,605	\$ 29,315,226
Recycled Water Sales	\$ 5,833,084	\$ 6,129,777	\$ 6,383,543	\$ 6,619,734	\$ 6,864,664	\$ 7,118,656	\$ 7,382,047	\$ 7,655,182	\$ 7,938,424	\$ 8,244,270
Other Income	\$ 3,613,610	\$ 3,419,733	\$ 3,374,510	\$ 3,304,426	\$ 3,322,295	\$ 3,348,956	\$ 3,376,052	\$ 3,403,591	\$ 3,431,578	\$ 3,460,021
Connection Fees	\$ 1,238,160	\$ 179,150	\$ 179,150	\$ 179,150	\$ 179,150	\$ 179,150	\$ 179,150	\$ 179,150	\$ 179,150	\$ 179,150
Ad Valorem Property Tax Revenue	\$ 26,501,190	\$ 27,049,765	\$ 27,609,867	\$ 28,181,745	\$ 28,785,922	\$ 29,403,804	\$ 30,035,731	\$ 30,682,049	\$ 31,343,119	\$ 32,019,307
General Obligation Property Tax	\$ 6,240,500	\$ 6,365,900	\$ 1,419,500	\$ 1,449,875	\$ 1,490,375	\$ -	\$ -	\$ -	\$ -	\$ -
Investment Income	\$ 2,031,648	\$ 2,259,666	\$ 1,970,867	\$ 1,931,971	\$ 2,591,677	\$ 2,673,768	\$ 2,727,614	\$ 2,846,344	\$ 3,077,263	\$ 3,317,194
<b>Total Revenues</b>	<b>\$ 92,097,745</b>	<b>\$ 94,869,791</b>	<b>\$ 92,645,471</b>	<b>\$ 95,471,356</b>	<b>\$ 99,209,833</b>	<b>\$ 100,959,840</b>	<b>\$ 104,287,956</b>	<b>\$ 107,801,426</b>	<b>\$ 111,552,228</b>	<b>\$ 115,439,528</b>
Revenue Requirements	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Water Purchases	\$ 27,291,034	\$ 27,145,449	\$ 27,991,150	\$ 28,948,675	\$ 30,176,064	\$ 31,453,260	\$ 32,669,527	\$ 33,960,304	\$ 35,353,787	\$ 36,697,641
O&M	\$ 12,369,874	\$ 12,667,330	\$ 12,974,356	\$ 13,289,553	\$ 13,613,165	\$ 13,945,443	\$ 14,286,646	\$ 14,637,042	\$ 14,996,906	\$ 15,366,524
Salaries	\$ 10,317,066	\$ 10,781,334	\$ 11,050,867	\$ 11,327,139	\$ 11,610,317	\$ 11,900,575	\$ 12,198,090	\$ 12,503,042	\$ 12,815,618	\$ 13,136,009
Benefits	\$ 4,635,647	\$ 4,883,151	\$ 4,970,656	\$ 5,059,598	\$ 5,149,999	\$ 5,241,881	\$ 5,335,264	\$ 5,430,170	\$ 5,526,623	\$ 5,624,644
SOCWA	\$ 9,204,735	\$ 9,367,916	\$ 9,535,786	\$ 9,706,415	\$ 9,879,842	\$ 10,056,108	\$ 10,235,256	\$ 10,417,327	\$ 10,602,363	\$ 10,790,408
JPA	\$ 1,178,495	\$ 1,218,086	\$ 1,262,084	\$ 1,307,672	\$ 1,354,907	\$ 1,403,847	\$ 1,454,556	\$ 1,507,096	\$ 1,561,534	\$ 1,617,938
<b>Subtotal - Operating Requirements</b>	<b>\$ 64,996,852</b>	<b>\$ 66,063,266</b>	<b>\$ 67,784,899</b>	<b>\$ 69,639,052</b>	<b>\$ 71,784,294</b>	<b>\$ 74,001,115</b>	<b>\$ 76,179,338</b>	<b>\$ 78,454,981</b>	<b>\$ 80,856,831</b>	<b>\$ 83,233,164</b>
Existing GO Bond Debt Service	\$ 6,240,500	\$ 6,365,900	\$ 1,419,500	\$ 1,449,875	\$ 1,490,375	\$ -	\$ -	\$ -	\$ -	\$ -
COPs	\$ 6,510,382	\$ 6,681,326	\$ 6,675,726	\$ 6,472,101	\$ 6,469,601	\$ 6,467,476	\$ 6,460,601	\$ 6,458,726	\$ 6,456,476	\$ 6,664,864
Loans	\$ 2,353,360	\$ 2,198,955	\$ 2,198,463	\$ 1,700,615	\$ 1,380,874	\$ 1,380,338	\$ 1,379,448	\$ 1,184,595	\$ -	\$ -
New Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal - Debt Service Requirements</b>	<b>\$ 15,104,241</b>	<b>\$ 15,246,181</b>	<b>\$ 10,293,689</b>	<b>\$ 9,622,591</b>	<b>\$ 9,340,850</b>	<b>\$ 7,847,814</b>	<b>\$ 7,840,049</b>	<b>\$ 7,643,321</b>	<b>\$ 6,456,476</b>	<b>\$ 6,664,864</b>
<b>Total Revenue Requirements</b>	<b>\$ 80,101,093</b>	<b>\$ 81,309,447</b>	<b>\$ 78,078,588</b>	<b>\$ 79,261,643</b>	<b>\$ 81,125,143</b>	<b>\$ 81,848,928</b>	<b>\$ 84,019,387</b>	<b>\$ 86,098,302</b>	<b>\$ 87,313,307</b>	<b>\$ 89,898,028</b>
<b>Revenues Over (Under) Expenses</b>	<b>\$ 11,996,651</b>	<b>\$ 13,560,344</b>	<b>\$ 14,566,883</b>	<b>\$ 16,209,713</b>	<b>\$ 18,084,689</b>	<b>\$ 19,110,911</b>	<b>\$ 20,268,569</b>	<b>\$ 21,703,124</b>	<b>\$ 24,238,921</b>	<b>\$ 25,541,500</b>
Change in Fund Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Capital Expenses	\$ 45,881,767	\$ 31,967,660	\$ 15,701,589	\$ 17,706,998	\$ 15,141,898	\$ 17,867,101	\$ 18,766,196	\$ 17,150,302	\$ 17,014,828	\$ 20,529,140
Bond Issuance New Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beginning Balance	\$ 119,540,799	\$ 85,655,684	\$ 67,248,367	\$ 66,113,662	\$ 64,616,376	\$ 67,559,167	\$ 68,802,978	\$ 70,305,350	\$ 74,858,172	\$ 82,082,265
Overall Ending Balance	\$ 85,655,684	\$ 67,248,367	\$ 66,113,662	\$ 64,616,376	\$ 67,559,167	\$ 68,802,978	\$ 70,305,350	\$ 74,858,172	\$ 82,082,265	\$ 87,094,626
Reserves	\$ 59,386,342	\$ 60,035,475	\$ 60,888,769	\$ 61,769,681	\$ 62,786,567	\$ 63,834,208	\$ 64,875,466	\$ 65,956,961	\$ 67,087,857	\$ 67,950,879
Future Capital Improvement Projects	\$ 26,269,342	\$ 7,212,893	\$ 5,224,893	\$ 2,846,695	\$ 4,772,600	\$ 4,968,770	\$ 5,429,884	\$ 8,901,211	\$ 14,994,408	\$ 19,143,747
Debt Coverage Ratio	2.35	2.53	2.64	2.98	3.30	3.44	3.59	3.84	4.77	4.77

# Let's take a **break.**



# I need some **time off...**

**ADJUST YOUR SPRINKLER TIMER NOW.**

Avoid overwatering, and consider taking advantage of the fall planting season to save water all year long by planting California native plants. Visit [www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd) for more information.



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[www.mnwd.com](http://www.mnwd.com)

PO BOX 30204

LAGUNA NIGUEL CA 92607-0204

## WATER SHORTAGE CONTINGENCY PLAN

# STAGE **2** IN EFFECT

Remain within your water budget or pay up to \$9.04 for every billing unit (1 billing unit [BU] = 748 gallons) of water used in excess of your water budget. Visit [www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd) for more information.



**Use water wisely.  
Go California friendly.  
Every drop matters.**

Thirsty for more information?

[www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd)

# Water Wise LIFESTYLE

Welcome to **Moulton Niguel**

**Water District's** on-going series to help you navigate through one of California's worst droughts. MNWD will be offering important information and tips along with rebates and cost saving incentives for homeowners and businesses.

## MOULTON NIGUEL WATER DISTRICT

# WATCHING OUR WATER USE IS MORE CRITICAL THAN EVER.

EXPERTS SAY A FEW INCHES OF RAIN AND AN EL NIÑO WINTER **WON'T RESOLVE** CALIFORNIA'S WATER SUPPLY CONCERNS

## MOST WATER WASTE OCCURS OUTDOORS

SOME **50-70%** of residential water usage goes to lawns and gardens

And while conserving water indoors is important, Orange County residents are using less water inside than any time since the 1990s, when the population was much smaller. Plus, most of the water used indoors is recycled and used again. Water wasted outside is lost to storm drains and can pollute the oceans and beaches. So, saving water outside the home is essential for making a difference and helping the state through this crisis.



## UPGRADE INDOORS TO ENSURE YOUR HOME IS H2O EFFICIENT!



If your showerhead is less than 15 years old, it is already water-efficient

If your toilet was purchased after 1994, it uses less than 1.6 gallons per flush (Older toilets can use 3.5 to 5 gallons per flush)



Starting January 2016, all toilets sold in California will be 1.28 gallons per flush or less

Newer washing machines (2010 to present) use 13 gallons of water per load on average (older washers used over 40 gallons of water per load)



As of 1992, faucet flows were limited to 2.2 gallons per minute, while EPA WaterSense-labeled faucets use .8 to 1.5 gallons per minute

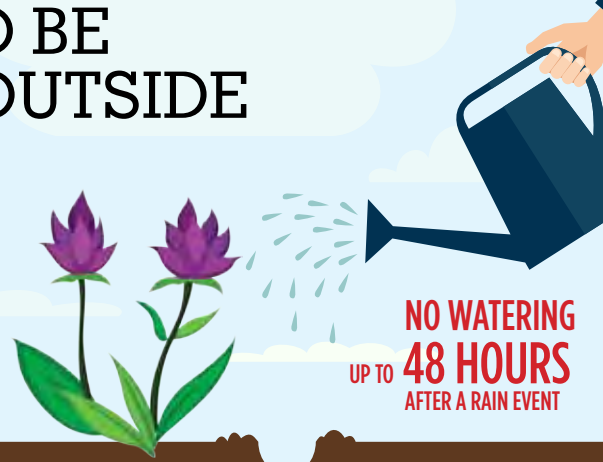
## FALL IS HERE. ADJUST YOUR SPRINKLER TIMER!



Each year, **significant water waste occurs** when sprinkler timers are not adjusted for the fall season. Although the weather may still be warm, water needs for your lawns and garden tend to decrease dramatically in the fall. **Adjust your sprinkler timer and reduce outdoor watering!**

## EASY WAYS TO BE WATER-WISE OUTSIDE

Replacing your lawn with California native and drought-tolerant plants and using water efficient irrigation practices should be part of the plan, but **here are some things to do right away:**



- LOOK FOR LEAKS IN EXISTING IRRIGATION SYSTEMS**
- MAKE SURE OUTDOOR WATERING DOESN'T RESULT IN EXCESSIVE RUNOFF**
- WATER BEFORE 8 AM OR AFTER 5 PM, AND TURN OFF YOUR IRRIGATION WHEN IT RAINS**
- DON'T WASH DOWN HARD OR PAVED SURFACES**
- CONSIDER HAND WATERING TO REDUCE OVERWATERING AND MISDIRECTED IRRIGATION**
- DON'T WASH YOUR CAR AT HOME**

## READY TO LOSE THE LAWN? SAVE SOME GREEN WITH REBATES!

Moulton Niguel Water District is currently providing a...

**REBATE UP TO \$200 PER SQUARE FOOT for turf removal**

Consider giving your yard a makeover with California native plants this fall!



## IN THE COMING WEEKS...

this educational series will explain much more about drought-tolerant landscaping, native plants, and effective ways to conserve water in lawns and gardens.

**Can't wait? Moulton Niguel Water District offers FREE LANDSCAPING CLASSES in October and November: [mnwd.com/landscapeclasses](http://mnwd.com/landscapeclasses)**



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**Saving Water is Beautiful**

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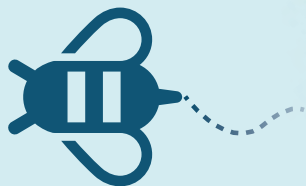
Welcome to Moulton Niguel Water District's ongoing series to help you navigate through one of California's worst droughts. MNWD will be offering important information and tips along with rebates and cost-saving incentives for homeowners and businesses.

# HOW TO GO NATIVE WITH LESS STRESS

IMAGINE YOURSELF ENJOYING YOUR BEAUTIFUL NEW GARDEN AND MAKE **SAVING ON WATER BILLS** A BONUS!

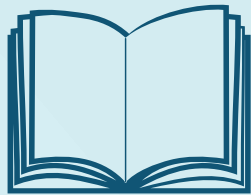
## “IN MY PERFECT NATIVE PLANT GARDEN, I WOULD BE ...”

Watching bees and butterflies



Playing with pets and kids

Reading in the shade



Picking herbs and fruit

Sitting on a boulder



Sniffing beautiful native flowers

Imagine spending time in your new garden: how do you get in your garden, and what do you do while you're there? Would you be sitting and reading, picking fruit, taking a nap, watching birds and butterflies? Envision your own natural space, and write a paragraph about it.

**Want to share your idea with us?**

Submit your paragraph to [outreach@mnwd.com](mailto:outreach@mnwd.com).

In the coming weeks we'll print some of our favorites.



### WRITE THE STORY OF THE YARD YOU WANT

*Making the transition from turf to drought-tolerant California native gardens and yards can seem daunting. Where does one begin once the lawn is gone? It doesn't need to be a difficult task if homeowners focus on keeping it simple.*

### After taking out turf,

homeowners have this big, brown shape that was once an expansive lawn. It can be bewildering, causing one to think: What do I do now?



### “Write one paragraph about your new garden, and what you dream it can be,”

suggests Mike Evans, California native plant expert and co-owner of Tree of Life Nursery in San Juan Capistrano.

The act of writing a story about using your new garden is a key way to think about how you'll use it. By picturing yourself walking paths surrounded by flowers or sitting on a bench or a rock reading or watching butterflies and birds, a new garden becomes less about replacing turf to save money on water bills, and more about enjoying nature at home.

Make your garden a place where you enjoy nature, and the **water savings will be a bonus.**

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# PLAN BEFORE YOU PLANT

## HOW TO PREPARE YOUR PROPERTY FOR A WATER-SAVING, CALIFORNIA NATIVE GARDEN



Replacing high maintenance, thirsty traditional yards and lawns with California native plants **CAN REDUCE A HOME'S WATER CONSUMPTION BY 60%**. When swales, rain gardens, and other features are used, water savings can increase.

**NATURALLY NATIVE**  
TIP OF THE WEEK

AN ESTABLISHED CALIFORNIA NATIVE GARDEN REQUIRES **LITTLE TO NO ADDITIONAL WATER** BEYOND NORMAL RAINFALL THROUGHOUT THE YEAR.

IF WE HAD ANY DOUBTS BEFORE, the California drought has convinced us that water is a precious and scarce resource. So why does so much of it run off our yards, flow through the gutters, and go down the drain? One of the keys to a successful, drought resistant garden is keeping more rainwater on the garden, where it can do the most good.



■ Dry creekbeds are both a functional and aesthetically appealing way to mitigate runoff and kick-start a healthy ecosystem in your home garden. Courtesy of [www.californianativelandscapedesign.com](http://www.californianativelandscapedesign.com)

## FLAT IS NOT WHERE IT'S AT



Chances are your turf area was flat and compact. But when you take the turf out, don't keep that flat slope.

For visual appeal and maximized water savings, the site needs some shape, like hills, slopes, and swales. **TIP: ROCKS AND BOULDERS ADD DIMENSION AND AESTHETIC APPEAL TO YOUR GARDEN DESIGN.**

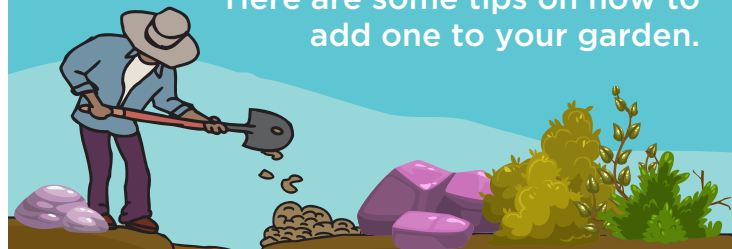
## ELEVATE YOUR GARDEN

Most Orange County homes were landscaped with large lawns, and the yards were graded to direct rainwater to the street. While managing drainage is still an important and required part of owning a home, a drought-friendly native garden invites the rain to stay awhile, soak into the soil, and nurture the native plants.

Experts say an El Niño winter won't resolve California's water supply concerns. Some **50-70%** of residential water usage is in yards and gardens.

## SWALES ARE SWELL

A swale (also called a rain garden) is a low area in the yard designed to slow, spread, and sink rain water into the soil. Here are some tips on how to add one to your garden.



**PAY ATTENTION WHEN IT RAINS.** Where does water gather, and where does it flow? Look for naturally low areas to direct water into and allow it to soak into the soil before the excess drains to the street.

**DIG A BASIN THAT'S 6- TO 12-INCHES DEEP AT THE CENTER, WITH SLOPING SIDES AND SOIL MOUNDED AROUND THE EDGES.** It should be 10 feet away from your foundation, and not sloping back toward the house or the neighbors' property.



**NOTICE WHERE WATER IS FLOWING FROM HARD SURFACES** (like patios and the roof) into the garden. Direct that water toward the rain garden, perhaps through a dry creek bed of varying sizes of gravel, rocks and boulders, with the basin at the end.

**ALL THE WATER SHOULD BE GONE IN 24 HOURS.** Make an overflow outlet so extra water has a direct channel to the street and not back towards your house.



Ask your local California native plant specialist which native plants like it wet and dry, and so will work best at the bottom of the basin, and which like it drier and should be planted on the sides and top of the slopes.

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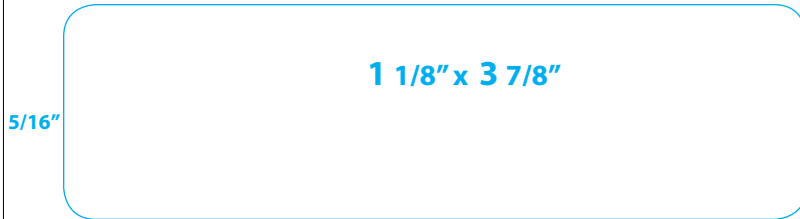
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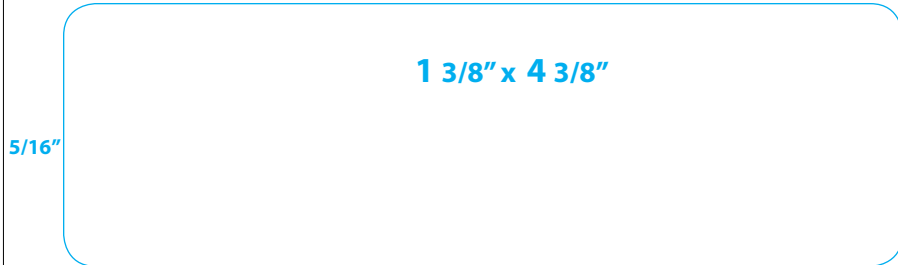
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2 9/16"

**Fall is here. Adjust your sprinkler timers. Save water now.**



9/16"



4 1/8"

Infosend Side Seam flap and back

9 1/2"

4 1/8"

**LIVE** within  
*your* **BUDGET**

- Water based on weather**
- Reduce outdoor watering**

For more information, visit  
[www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd)



#3

PREPRINTED ART

PLEASE RECYCLE THIS ENVELOPE



### Moulton Niguel Water District

Written by Moulton Niguel · October 5 at 12:12pm ·

Replace turf with CA native plants to save water, reduce upkeep and lower your water bill.



#### Turf Removal Rebates

Rebates are still available through Moulton Niguel Water District! Visit our website to learn more and apply today.

[WWW.MNWD.COM](http://WWW.MNWD.COM)

[Learn More](#)

[Boost Post](#)



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Roberta Clark, Andrea Carreira-Kosewick and Stacy Gallin Libenson like this.



Write a comment...

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#### SUGGESTED GROUPS



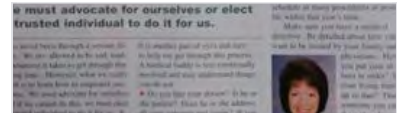
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### Moulton Niguel Water District

Written by Moulton Niguel · October 5 at 12:17pm ·

Update to water efficient devices and save up to hundreds of gallons of water per day!



#### Water Efficient Devices

Moulton Niguel Water District offers rebates for water efficient sprinkler nozzles, weather-based irrigation controllers, and soil moisture sensors to help you water more efficiently.

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 **Moulton Niguel Water District**  
 Written by Moulton Niguel · October 5 at 12:27pm ·

Water is a limited resource. Protect our planet and practice sustainable water use.




**Every Drop Matters**  
 Live water wise and encourage your friends, family, and neighbors to get involved. Visit [mnwd.com/yourmnwd](http://mnwd.com/yourmnwd) for more information to share.

[WWW.MNWD.COM](http://WWW.MNWD.COM) [Learn More](#)


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### Moulton Niguel Water District

Written by Moulton Niguel · October 5 at 12:26pm ·

Overwatering is more harmful than underwatering. Save water - use only what plants need!



#### Adjust Your Sprinklers!

Thirsty for more information about water management? Visit our website for indoor and outdoor water saving tips, rebates and more!

[WWW.MNWD.COM](http://WWW.MNWD.COM)

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Written by Moulton Niguel · October 5 at 12:17pm ·

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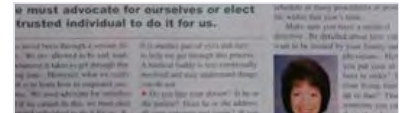
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 **Moulton Niguel Water District**  
 Written by Moulton Niguel · October 5 at 12:13pm ·

Removing turf saves water, reduces lawn upkeep/cost, and lowers your water bill!




**Turf Removal Rebates**  
 Rebates are still available through Moulton Niguel Water District! Visit our website to learn more and apply today.

[WWW.MNWD.COM](http://WWW.MNWD.COM) [Learn More](#)


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Moulton Niguel Water District

Written by Moulton Niguel · October 5 at 12:24pm ·

Did you know that most home water use is actually outdoors? Save BIG with small changes...



Water Saving Tips

Thirsty for more information about water management? Visit our website for indoor and outdoor water saving tips, rebates and more!

WWW.MNWD.COM

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Moulton Niguel Water District

Written by Moulton Niguel · October 5 at 12:29pm ·

Being water smart today saves natural resources for the future.



ONE World. Water. Future.

Live water wise and encourage your friends, family, and neighbors to get involved. Visit [mnwd.com/yourmnwd](http://mnwd.com/yourmnwd) for more information to share.

[WWW.MNWD.COM](http://WWW.MNWD.COM)

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### South OC Rebates

Save water and lower your monthly bill. Click to learn more and apply!



[Redacted text]



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### Water Saving Tips!

Click to learn how to reduce water usage at your business.



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### ONE World. Water. Future.

Join local businesses practicing sustainable water use. Click to learn how.



[Redacted text]



[Redacted text]

Ads



### Water Saving Tips

Click to learn how to reduce water usage at your business and save money!



[Redacted text]



[Redacted text]

Ads



### Saving Water is Beautiful

Join local businesses practicing sustainable water use. Click to learn how.



[Redacted text]



[Redacted text]

Ads



### Apply for Rebates!

Businesses in South OC: Reduce water use & save costs. Click to learn how!



[Redacted text]



[Redacted text]

Ads



**Apply for Rebates!**

Businesses in South OC: Reduce water use & save costs. Click to learn how!



[Redacted text]



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Ads



**Turf Removal in South OC**

Save water, cost and upkeep. Click to learn more and apply!



[Redacted text]



[Redacted text]

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**Turf Removal in South OC**

Save water, cost and upkeep. Click to learn more and apply!



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*For Immediate Release*

**Media Contact:**  
Michael Suydam  
(949) 981-5008  
mike@21strat.com

## **FREE Autumn Planting and Landscaping Workshops**

*Customers can learn how to save money and water through  
California friendly landscaping and planting*

**Laguna Niguel (September 24, 2015)** – Moulton Niguel Water District (MNWD) will hold a series of free California friendly landscaping workshops to help customers save water and cut down on their water bills this fall and beyond.

The three-hour workshops also inform customers about the problem of overwatering, which can often be more harmful to vegetation than under watering. Other topics to be addressed include:

- Taking a Watershed Approach
- Building a Healthy Soil Sponge
- Evaluating and Designing Your Site
- Selecting the Right Plant in the Right Place
- Using Rainwater as a Resource
- Managing Your Irrigation Properly

“The average MNWD customer can typically reduce 33 percent of their overall water usage by switching to California friendly plants,” explained Joone Lopez, General Manager of the Moulton Niguel Water District. “By converting thirsty turf lawns to well-chosen California natives, such as the colorful salvias, the water savings can be as high as 60 percent.”

“There’s no better time to plant in California than the fall,” concluded Lopez, “so we invite our customers to take advantage of this free educational resource.”

The workshops will take place on the following Saturday mornings from 9 a.m. – noon:

- October 3, 2015
- October 17, 2015
- November 7, 2015
- November 21, 2015

Space is limited for each session, and customers are encouraged to sign up as soon as possible.

For more information on workshop times, location, and to sign up, visit:  
<http://www.mnwd.com/landscapeclasses/>.

**About MNWD**

Moulton Niguel Water District (MNWD) provides drinking water, recycled water, and sewer service to more than 170,000 customers in Laguna Niguel, Aliso Viejo, Laguna Hills, Mission Viejo, and Dana Point. Approximately 25 percent of MNWD’s water is provided through local water recycling programs. Approximately 75 percent of MNWD’s water is imported from the Metropolitan Water District of Southern California – a regional water wholesaler that delivers water from Northern California and the Colorado River.

# # #





*For Immediate Release*

**Media Contact:**  
Steve Greyshock  
(714) 330-0321  
steve@21strat.com

## **MNWD Customers Achieve a Remarkable 26 Percent Reduction in Water Use in September**

*District Officials Urge Continued Conservation Even as Likelihood of El Niño Increases*

**October 12, 2015 (Laguna Niguel, Calif.)** -- Moulton Niguel Water District (MNWD) announced today a 26 percent water use reduction in September compared to the same month in 2013, the benchmark year the State is using to regulate water consumption across California.

This marks the fourth consecutive month MNWD customers have exceeded their state-mandated water use reduction target of 20 percent.

“Once again, our customers have shown a tremendous commitment to using water wisely during this historic drought,” said Donald Froelich, MNWD’s Board President. “Our customers are proving to be leaders in water conservation. They’ve taken steps large and small to save water, including completing nearly one-quarter of all turf removal projects in Orange County.”

Since June 1, 2015, when the State initiated its water reduction mandate for all water providers, MNWD customers have saved over 925 million gallons of water. This is enough to serve approximately 11,000 of the District’s residents for a year.

### **Water Conservation During an El Niño**

While the potential of an El Niño weather event this winter could bring substantial rain locally, District officials urge continued conservation throughout the winter.

“El Niño may bring rain to Southern California, but it is unlikely to put an end to this drought,” continued Mr. Froelich. “We believe the State could continue its water-use restrictions through next summer. So it’s important that we continue this conservation momentum. We all need to adopt water wise lifestyles, for now and the future.”

El Niño weather events typically signify warmer, wetter winters. But most of the imported water delivered to Southern California requires a significant snowpack in both the Sierras and the Colorado Rockies. Due to the warmer storms associated with a strong El Niño, local

rainfall alone is unable to put an end to the drought. Instead, a strong snowpack is a key element of a strong statewide water supply.

**Customers Encouraged to “Live Within their Water Budgets”**

The District also reminds customers that their personalized water budgets account for daily weather conditions and to adjust their watering schedules accordingly.

“We can all do our part by continuing to live within our water budgets – now and throughout a potentially wet winter,” concluded Mr. Froelich. “Every drop of water that we save adds up to make a big difference.”

For more information on MNWD’s conservation efforts and personalized water budgets, customers are encouraged to visit [www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd).

**About MNWD**

Moulton Niguel Water District (MNWD) provides drinking water, recycled water, and sewer service to more than 170,000 customers in Laguna Niguel, Aliso Viejo, Laguna Hills, Mission Viejo, and Dana Point. Approximately 25 percent of MNWD’s water is provided through local water recycling programs. Approximately 75 percent of MNWD’s water is imported from the Metropolitan Water District of Southern California – a regional water wholesaler that delivers water from Northern California and the Colorado River.

# # #



# Saving Water is Beautiful

## Plant California Natives

For many years, the ideal Southern California landscape has been embodied by verdant green lawns and flowering annuals. Despite the winter rains, the progression of the current drought has forced Californians to realize that we have been investing in an unsustainable aesthetic. The long-term outlook for Southern California calls for drier and warmer conditions, typical for our local climate. Plants native to California flourish in such conditions. Today, the shift back to California native landscaping serves as an important tool for homeowners seeking ways to manage the current drought and help provide a long-term solution to drought-proofing California.

Contrary to the common association of water-wise landscaping with cacti, agave, or even desert sand, California native landscapes feature colorful vegetation that is beautiful and functional for everyone, including children and pets.

Moulton Niguel Water District is ready to help its customers learn more about



water-wise landscaping strategies and the wide variety of California native plants that are available to create an attractive, vibrant garden.



### WHY PLANT CALIFORNIA NATIVES?

Replacing turf saves hundreds of gallons of water each month, and Moulton Niguel offers rebates to customers who opt for a more drought-tolerant landscape.

Additional reasons for planting California natives include:

- ✓ **Lower Maintenance**  
Along with less pruning and feeding, minimal irrigation is needed beyond normal rainfall.
- ✓ **No Pesticides**  
Because they maintain natural defenses against many destructive pests and diseases, pesticide use can be reduced or eliminated entirely.
- ✓ **Hummingbirds and Butterflies**  
These plants attract beautiful birds and insects that pollinate garden fruits and vegetables.

### GETTING STARTED

There is no time like the present to start a California native garden. Planting in the cooler months gives your plants time to establish healthy root systems while growing the foundation for attractive flowering displays. Other considerations as you get started:

- ✓ **Finding California Native Plants**  
Due to increased demand, most retail nurseries and garden centers now offer wide varieties of salvia, poppies, flowering sage, and other colorful, water-wise vegetation.
- ✓ **To Fertilize or Not**  
Most California native plants perform better without fertilizer. Instead, lay down a three-inch layer of mulch that slows water evaporation, minimizes weeds, cools your soil, and saves 20-30 gallons of water a day!
- ✓ **Smart Irrigation**  
Overwatering can be more harmful to your plants than under watering. For non-native drought-tolerant plants, use only the amount of water they need to live by installing weather-based controllers and/or drip irrigation systems that can also save 20-40 gallons of water a day! Or better yet, plant California natives and hand water only when necessary!

### ADDITIONAL RESOURCES

Below are just a few of the online resources available for those looking to install lush, colorful California native landscaping – and save money doing so!

- ✓ **FREE Landscaping Classes at Moulton Niguel Water District**  
([www.mnwd.com/landscapeclasses](http://www.mnwd.com/landscapeclasses))
- ✓ **California Native Plant Society Plant Database**  
([www.calscape.cnps.org](http://www.calscape.cnps.org))
- ✓ **Rebates for Water Efficient Devices and Turf Removal**  
([www.mnwd.com/rebates](http://www.mnwd.com/rebates))



**Moulton Niguel Water District**  
27500 La Paz Road  
Laguna Niguel, CA 92677-3489  
[www.mnwd.com](http://www.mnwd.com)



Moulton Niguel Water  
Leading the Way in Service

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**Saving water is...**



*...beautiful*

visit [www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd) for more information.

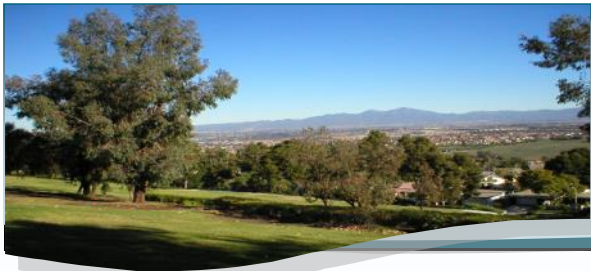


# Saving water is...



*...beautiful*

visit [www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd) for more information.



# FALL IS HERE. TIME TO ADJUST THOSE SPRINKLER TIMERS!

Although it may feel like Summer outside, Fall is officially here and soon it will be time to adjust our clocks and check those batteries in our smoke alarms. It's also time to adjust those sprinkler timers and reduce outdoor watering.



Moulton Niguel Water District reports that each year, significant water waste occurs when sprinkler timers are not adjusted for the fall season. Water needs for your lawns and gardens tend to decrease dramatically.

So give your sprinkler system a break and adjust your sprinkler timer now!

# SHRED EVENT A GREAT SUCCESS

Laguna Niguel Police Services can add another successful shredding event to its books. During the 5-hour event on Saturday, September 26, more than 28,000 pounds of paper containing personal and sensitive information was safely destroyed. Approximately 585 cars made their way through a very systematic and organized line where drivers unloaded their documents into shredding bins for destruction.



"The Shred Event not only allows residents to safely dispose of sensitive documents, it also gives the City an excellent opportunity to practice its disaster response procedures, such as Point-of-Distribution skills" said Phil Robinson, the City's Emergency Preparedness



Coordinator. "Should there ever be a need for the City to dispense emergency supplies to residents, the organization and

planning associated with the shredding event will help staff distribute these supplies in an effective and efficient manner." The next shredding event is scheduled for February 6, 2016.

## Let's take a break.



## I need some time off...

**ADJUST YOUR SPRINKLER TIMER NOW.**

Avoid overwatering, and consider taking advantage of the fall planting season to save water all year long by planting California native plants. Visit [www.mnwd.com/yourmnwd](http://www.mnwd.com/yourmnwd) for more information.



# Reduce Outdoor Watering



Save Water



Moulton Niguel Water  
*Leading the Way in Service*

[www.mnwd.com](http://www.mnwd.com)