

CAPISTRANO BAY DISTRICT  
AGENDA REPORT  
April 28, 2015

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*New Business*

## ITEM 14

### Drought-Water Restrictions-Artificial Grass

The Governor's new water use limitations are resulting in an irrigation moratorium which now restricts commercial irrigation systems to run for 10 minutes only and one day per week. As a consequence, the grassy area at the community entrance is dying for lack of water.

The local South Coast Water District is offering a rebate to agencies and homeowners who remove grass and replace with either artificial turf or drought-tolerant plants.

The existing grass area comprises a total of approx. 1525 sq. ft. When the Admin Office is placed on the grass about 450 sq. ft. of grass will be eliminated which will bring our grass area total closer to the 1000 sq ft. limit being offered in rebates by the water district. The water district will rebate up to \$2.00 per sq ft. to a maximum of \$2000 per project.

The following is a breakdown of the cost for replacing grass with artificial turf and an estimate of the cost savings on irrigation water. Artificial turf ranges in price (fully installed) anywhere from the cheap stuff at \$6.00/sq ft. up to about \$9.00/sq ft. for the better quality realistic-looking turf:

Main Irrigation Meter Average Use over past 21 months -	\$315.00/mo.
Cost for New Artificial Turf -	\$ 6-9.00/ sq ft.
(Includes existing grass removal, cap off sprinkler heads, install new plastic turf w/gravel subgrade)	
Water District Rebate -	\$2000.00

It is estimated that the grass area uses about one-third of the total landscape consumption each month. The grass area to be replaced will be the maximum of 1000 sq ft. so the plastic turf cost including the rebate will be \$5000 to \$8000 less the \$2000 rebate:

Artificial Turf Cost estimate:	\$4000 to \$7000 (after rebate)
Monthly Water Savings:	\$ 105

The District has three water meters. The following outlines our consumption rates compared to the same time last year:

- Northgate Irrigation Meter Use -	decreased 25%
- Guard Shack Meter Use -	increased 25%
- Main Irrigation Meter Use -	decreased 61%

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SCWD Home

Main Landscape Meter (1.5")

Welcome, Donal Russell | Log Out

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### Current Billing Details

**Account Number** 4-2883.300: 35000 BEACH RD, CAPISTRANO BEACH, CA 92624 ▾

**Customer Name** CAPISTRANO BAY DISTRICT

**Current Amount Due** \$0.00 [Hide Details](#) [Make Payment](#)

Service	Current Charges	Past Due	Penalty	Account Balance
WATER	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Charges</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

**Last Billed Amount** \$182.16 [View Latest Bill](#)

**Latest Billing Date** March 31, 2015

**Due Date** April 21, 2015

### Billing History

[Export to Excel](#)

Billing Date	Due Date	Billed Charges	
03/31/2015	04/21/2015	\$182.16	<a href="#">View Bill</a>
03/02/2015	03/23/2015	\$186.34	<a href="#">View Bill</a>
02/04/2015	02/25/2015	\$148.72	<a href="#">View Bill</a>
01/08/2015	01/28/2015	\$123.64	<a href="#">View Bill</a>
12/04/2014	12/24/2014	\$265.76	<a href="#">View Bill</a>
11/05/2014	11/26/2014	\$259.49	<a href="#">View Bill</a>
10/08/2014	10/29/2014	\$370.26	<a href="#">View Bill</a>
09/03/2014	09/24/2014	\$395.34	<a href="#">View Bill</a>
08/26/2014	08/26/2014	\$428.78	<a href="#">View Bill</a>
08/26/2014	08/27/2014	(\$506.11)	<a href="#">View Bill</a>
08/06/2014	08/27/2014	\$506.11	<a href="#">View Bill</a>
07/07/2014	07/29/2014	\$465.48	<a href="#">View Bill</a>
06/05/2014	06/26/2014	\$367.92	<a href="#">View Bill</a>
05/07/2014	05/28/2014	\$335.40	<a href="#">View Bill</a>
04/02/2014	04/23/2014	\$270.34	<a href="#">View Bill</a>
03/06/2014	03/26/2014	\$276.44	<a href="#">View Bill</a>
02/05/2014	02/26/2014	\$343.53	<a href="#">View Bill</a>
01/08/2014	01/29/2014	\$343.53	<a href="#">View Bill</a>
12/04/2013	12/26/2013	\$233.73	<a href="#">View Bill</a>
11/06/2013	11/27/2013	\$449.22	<a href="#">View Bill</a>
10/10/2013	10/31/2013	\$587.43	<a href="#">View Bill</a>

$\$6598 \div 21 = \$315$

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Main Landscape Meter (1.5")

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### Current Consumption Details > WATER Service

**Account Number** 4-2883.300: 35000 BEACH RD, CAPISTRANO BEACH, CA 92624 ▼

**Customer Name** CAPISTRANO BAY DISTRICT

<b>Current Amount Due</b>	<b>\$0.00</b>	Show Details ⓘ	<a href="#">Make Payment</a>
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<b>Last Billed Amount</b>	\$182.16	<a href="#">View Latest Bill</a>
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<b>Utility Service</b>	WATER		
<b>Type of Meter</b>	NORMAL		
<b>Meter Number</b>	07377292	<b>Reading Date</b>	04/23/2015
<b>Current Usage</b>	20 CCF	<b>Start Reading</b>	2551
<b>Meter Location</b>		<b>End Reading</b>	2571
<b>Rate</b>	IRR 5 YR ROLLING AVE I3	<b>Reading Type</b>	Actual Reading

- View Consumption History
- Hide Usage Analysis

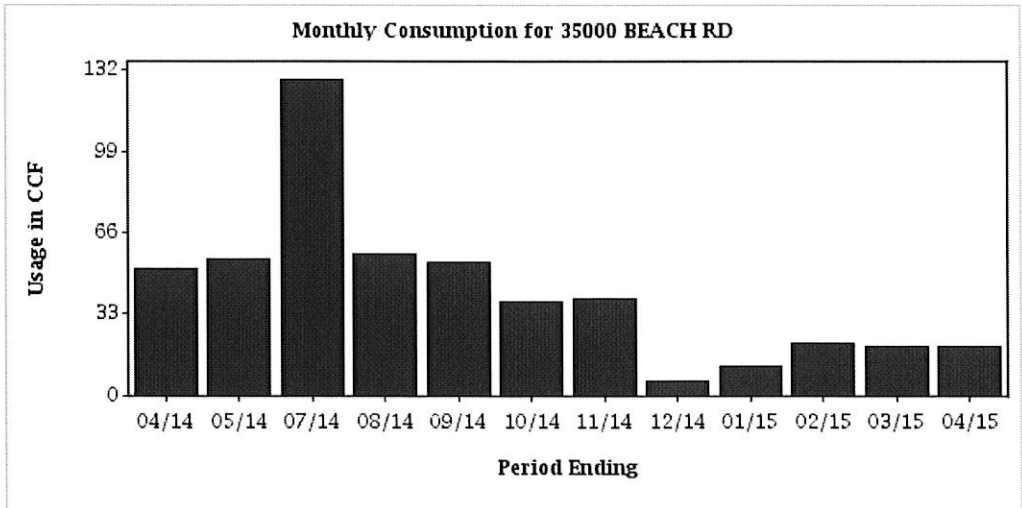
### Usage Analysis

Usage This Period : 20 CCF

Same Time Last Year : 51 CCF

↓ Your monthly usage has **decreased by 61%** when compared to last year's reading.

Stay Connected!



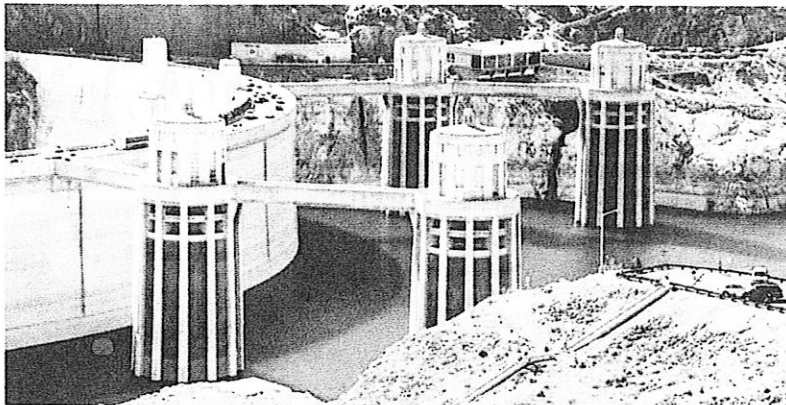


# South Coast Water District

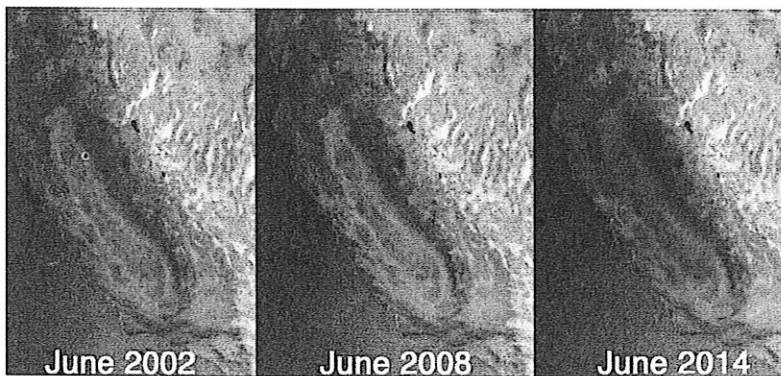
January 2015

## EVERY DROP COUNTS

Whether the extreme drought ends in 2015 or becomes the “new normal” for our semi-arid climate, it is critical that we conserve water.



Lake Mead on the Colorado River stores water for 40 million people, including Southern Californians. It has never been lower at 40% capacity.



Changes in water storage mapped by NASA show California drying up. An estimated 11 trillion gallons of rain (17 million Olympic pools) is needed to replenish reservoirs and groundwater, despite recent downpours.

Imagine a Day without Water. Conserve Now.

## DECREASING WATER SUPPLIES

### Cutbacks anticipated

The California drought is entering its 4th year. The drought in the Southwest is in its 14th year. Water levels in reservoirs are historically low.

Severe limitations on the amount of water supplied to us are likely in early 2015.

We must reduce the District’s water use by **20%** as required by the state. We use up to **60%** of our potable water on lawns and landscaping, and much is unnecessary.

## LIMIT SPRINKLER USE ONE DAY A WEEK

### Potable Water

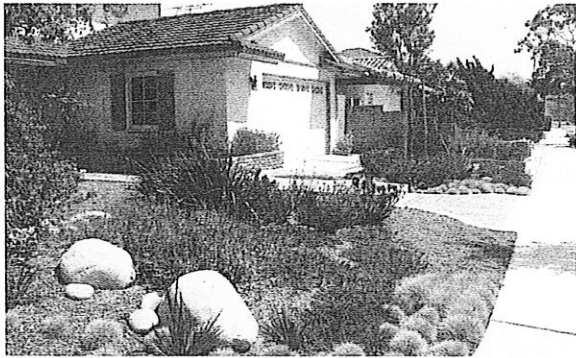
Residential: Mondays Only  
Businesses, HOAs, Government, Schools: Wednesdays Only

Water before 9 a.m. & after 5 p.m.  
10-minute limit per station or zone

Watering days and times do not apply to recycled water. All runoff is prohibited.

# SEVERE DROUGHT

## Do More With Less Water in Your Yard



There's no time like the present to replace all or part of your lawn with native and California-friendly plants, which require two-thirds less water once established.

While potable water sprinklers may run only once a week, you can still establish and maintain attractive and healthy plants, shrubs, trees, and groundcovers.

You can water your yard any day, any time, using a hose with an automatic shut-off nozzle.

You can use low-flow drip irrigation and water any day, any time.

During our cooler, rainy season, Mother Nature helps keep plants hydrated.

For turf removal & drip irrigation rebates, please contact [custserv@scwd.org](mailto:custserv@scwd.org) or 949-499-4555, extension 1.

### Recent Rains

We need three years of wet (22+ inches) rainy seasons to return to a dry condition.

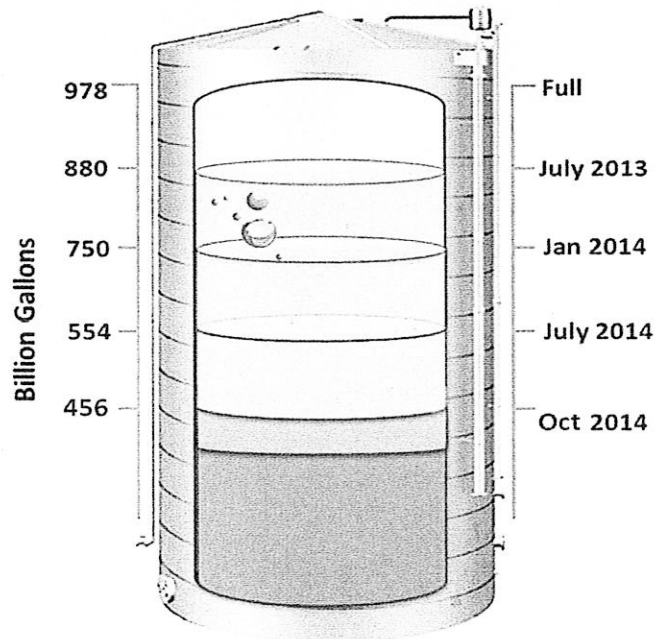


On December 5, 2014, newly-elected Directors Dennis Erdman and Bill Green were sworn in as Board members. The Board selected its 2015 officers.



- 2015 Board of Directors**
- Wayne Rayfield—President
  - Rick Erkeneff—Vice President
  - Dick Dietmeier
  - Dennis Erdman
  - Bill Green

### SOUTHERN CALIFORNIA Potable Water Reservoir Storage



Water storage levels in California are steadily declining. As a result, we anticipate receiving only a portion of the water we need starting in early 2015.

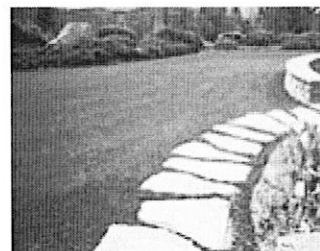


[Print](#)**ITEM NO. 14**

## Synthetic Turf Rebate Program

### Surf Saving Turf

While synthetic turf got its start on athletic fields, it has become very popular for environmentally-conscious landscaping. Synthetic turf is a man-made grass substitute that comes in various combinations of silicone and rubber. With a variety of brands from which to choose, you can find the feel and style of synthetic turf that fits your household needs. Say goodbye to watering and mowing grass. Whether you replace lawn along the edge of your driveway or in your entire back yard, this water friendly landscaping eliminates the need for pesticides and fertilizers that can pollute our beaches. Meanwhile, you have a lush-looking green lawn all year long!



### Reduce Outdoor Water Use and Water Bills

We launched the Synthetic Turf Rebate several years ago to provide customers with established grass lawns with an incentive to explore no-water options in their landscaping mix. Since then, scores of customers have taken advantage of the rebate program, saved thousands of gallons of water, and saved significantly on their water bills.

### Guidelines

The program is open to all South Coast Water District customers who have established grass turf in their yards or landscaped areas, including:

- Single-family residences
- Multi-family residences
- Businesses
- Homeowners' Associations

### Up to \$2,000 Savings

Customers who wish to remove up to 1,000 square feet of grass turf and replace it with synthetic turf may be eligible to receive a rebate of \$2.00 per square foot installed. Rebates will be given on a first-come, first-served basis until program funding runs out.