

## Conejo Recreation & Park District

GENERAL MANAGER Jim Friedl

DATE:

FROM:

**BOARD OF DIRECTORS** 

Ed Jones, Chair Chuck Huffer, Vice Chair George Lange, Director Susan L. Holt, Director Joe Gibson, Director

August 18, 2015 GENERAL MANAGER EMERITUS

Tex Ward

To: Board of Directors

SUBJECT: California's Severe Drought and Conejo Recreation and Park District's

Response in Terms of Water Conservation Recommendations

As there is no late August Board meeting, as discussed at the July 16, 2015 meeting, staff is providing the following information.

On May 7, 2015, the Board directed staff to provide monthly reports of the District's water use and water savings projects and activities to date.

## **WATER USE**

Attached is the monthly water use report, including:

Jim Friedl, General Manage

- Water use from June 1, 2015 to February 28, 2016 as compared to June 1, 2013 to February 28, 2014 (by Districtwide, and by water agency)
- District's Water Usage per Acre (All Funds)
- Overall Water Costs (All Funds)
- Rainfall

(NOTE: Data as of August 18, 2015 - full data for the prior month is generally available the end of the current month – estimated 84% of usage is recorded)

## WATER SAVINGS PROJECTS AND ACTIVITIES

- Capital Projects
  - o Convert to Reclaimed Water at North Ranch Neighborhood Park
    - Estimated out to bid late August 2015

- Irrigation Booster Pump Replacement at Conejo Creek South
  - Implementation September 2015
- Convert Small Turf Areas to Decomposed Granite, Mulch, Concrete at Wildflower Playfield
  - Turf rebate application submitted beginning of July 2015
  - Project implementation when rebate approved (estimated September 2015)
- Additional Turf Conversions at Conejo Creek West (Dog Park)
  - Turf rebate application submitted beginning of July 2015
  - Project implementation when rebate approved (estimated September 2015)
- Hiring Irrigation Technician
  - Estimated start date mid-September 2015
- Modifying Turf Refurbishments
  - Continuing at several sites
- Bio Char results monitoring (implementation end of July 2015) at:
  - Kimber Neighborhood Park
  - Oakbrook Neighborhood Park (West)
- Turf Conversions
  - Water shut off at all locations, approximately 40 acres
  - Turf rebate applications approved for
    - Project implementations September 2015
      - Russell Access Strips (approximately \$30,000 per strip)
      - Sunset Hills Neighborhood Park (NTE \$50,000)
  - Turf rebate applications submitted for
    - Beginning in June (estimated approval end of August 2015; projects implementation in September 2015)
      - Russell Neighborhood Park
      - Sunset Hills Neighborhood Park
    - Beginning in July (estimated approval September 2015; project implementation October 2015)
      - North Ranch Playfield
      - Wendy Neighborhood Park
      - Walnut Grove Neighborhood Park
  - As of July 9, 2015, Metropolitan Water District is no longer offering turf removal incentives region-wide. Staff submitted additional areas to be on a waitlist to be considered in the Fall; potential local water agency incentives may be available.

- Waiver for Watering Operations
  - Approved for all three water agencies
- Public Outreach
  - Website updated information, maps of turf conversion areas (www.crpd.org/water)
  - o On-site signage for turf conversions, modified field refurbishments

## STRATEGIC PLAN COMPLIANCE

Meets 2015 Strategic Plan Element 6.9: Evaluate enhanced recycling and energy conservation practices. Evaluate and enhance our recycling and energy conservation practices within the District and at District properties and events to assure that we continuously improve the District's recycling, energy conservation, resource utilization and related practices.

Respectfully submitted by,

T. P. Hare

Administrator, Parks and Planning

TP/jd

Attachments

WATER USAGE - EXECUTIVE ORDER B-29-15														
NOTE: ACTUAL DATA AS OF AUGUST 18, 2015  DISTRICTWIDE														
MONTH	YEAR	ACTUAL UNITS	PREDICTED UNITS	MONTH	YEAR	UNITS	ACTUAL DIFFERENCE	ACTUAL % CHANGE	PREDICTED DIFFERENCE	PREDICTED % CHANGE	ACTUAL CUMULATIVE DIFFERENCE	ACTUAL CUMULATIVE % CHANGE	PREDICTED CUMULATIVE DIFFERENCE	PREDICTED CUMULATIVE % CHANGE
JUNE	2015	22,657	22,657	JUNE	2013	47,823	-25,166	-52.62%	-25,166	-52.62%	-25,166	-52.62%	-25,166	-52.62%
JULY	2015	25,544	30,299	JULY	2013	50,433	-24,889	-49.35%	-20,134	-39.92%	-50,055	-50.94%	-45,300	-46.10%
AUGUST	2015	,	,	AUGUST	2013	55,126	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2015			SEPTEMBER	2013	47,862	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2015			OCTOBER	2013	29,358	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2015			NOVEMBER	2013	22,783	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2015			DECEMBER	2013	11,995	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2016			JANUARY	2014	23,409	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
FEBRUARY	2016			FEBRUARY	2014	15,070	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
BY WATER AGENCY														
CITY OF THOUSAND OAK	KS	28% REDUCTION GOA	AL.											
MONTH	YEAR	ACTUAL UNITS	PREDICTED UNITS	MONTH	YEAR	UNITS	ACTUAL DIFFERENCE	ACTUAL % CHANGE	PREDICTED DIFFERENCE	PREDICTED % CHANGE	ACTUAL CUMULATIVE DIFFERENCE	ACTUAL CUMULATIVE % CHANGE	PREDICTED CUMULATIVE DIFFERENCE	PREDICTED CUMULATIVE % CHANGE
JUNE	2015	8,581	8,581	JUNE	2013	17,888	-9,307	-52.03%	-9,307	-52.03%	-9,307	-52.03%	-9,307	-52.03%
JULY	2015	13,450	13,709	JULY	2013	22,418	-8,968	-40.00%	-8,709	-38.85%	-18,275	-45.34%	-18,016	-44.70%
AUGUST	2015	,	,	AUGUST	2013	25,236	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2015			SEPTEMBER	2013	21,223	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2015			OCTOBER	2013	13,085	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2015			NOVEMBER	2013	9,895	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2015			DECEMBER	2013	3,948	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2016			JANUARY	2014	11,250	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
FEBRUARY	2016			FEBRUARY	2014	6,531	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
CAL AMERICAN WATER		32% REDUCTION GOA	AL											
											ACTUAL	ACTUAL	PREDICTED	PREDICTED
			PREDICTED		YEAR	UNITS	ACTUAL	ACTUAL % CHANGE	PREDICTED	PREDICTED %	CUMULATIVE	CUMULATIVE %	CUMULATIVE	CUMULATIVE %
MONTH	YEAR	ACTUAL UNITS	UNITS	MONTH			DIFFERENCE		DIFFERENCE	CHANGE	DIFFERENCE	CHANGE	DIFFERENCE	CHANGE
JUNE	2015	11,269	11,269	JUNE	2013	22,194	-10,925	-49.23%	-10,925	-49.23%	-10,925	-49.23%	-10,925	-49.23%
JULY	2015	10,234	11,899	JULY	2013	20,997	-10,763	-51.26%	-9,098	-43.33%	-21,688	-50.21%	-20,023	-46.36%
AUGUST	2015			AUGUST	2013	21,678	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2015			SEPTEMBER	2013	18,280	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2015			OCTOBER	2013	11,562	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2015			NOVEMBER	2013	9,554	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2015			DECEMBER	2013	6,829	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2016			JANUARY	2014	9,261	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
FEBRUARY	2016			FEBRUARY	2014	7,435	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
CAL WATER SERVICE		36% REDUCTION GOA	AL.											
			DDED! CTES				ACTUAL		PREDICTED	PREDICTED %	ACTUAL	ACTUAL	PREDICTED	PREDICTED
MONTH	VEAD	ACTUAL UNITC	PREDICTED	NAONITU	YEAR	UNITS	DIFFERENCE	ACTUAL % CHANGE	DIFFERENCE	CHANGE	CUMULATIVE	CUMULATIVE %	CUMULATIVE	CUMULATIVE %
MONTH	YEAR	ACTUAL UNITS	UNITS	MONTH JUNE	2012	7 7/1	,	62.740/		_	DIFFERENCE	CHANGE	DIFFERENCE	CHANGE
JUNE	2015 2015	2,807 1,860	2,807 4,691	JULY	2013	7,741 7,018	-4,934 -5,158	-63.74% -73.50%	-4,934 -2,327	-63.74% -33.16%	-4,934 -10,092	-63.74% -68.38%	-4,934 -7,261	-63.74% -49.20%
AUGUST	2015	1,000	4,031	AUGUST	2013	8,212	-5,158 #VALUE!	-73.50% #VALUE!	-2,327 #VALUE!	-33.16% #VALUE!	-10,092 #VALUE!	-68.38% #VALUE!	-7,261 #VALUE!	-49.20% #VALUE!
SEPTEMBER	2015			SEPTEMBER	2013	8,359	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2015			OCTOBER	2013	4,711	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2015			NOVEMBER	2013	3,334	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2015			DECEMBER	2013	1,218	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2016			JANUARY	2014	2,898	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
FEBRUARY	2016			FEBRUARY	2014	1,104	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
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