

GENERAL MANAGER Jim Friedl

BOARD OF DIRECTORS

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

GENERAL MANAGER EMERITUS Tex Ward

DATE: July 16, 2015

- TO: Board of Directors
- **FROM:** Jim Friedl, General Manager
- SUBJECT: California's Severe Drought and Conejo Recreation and Park District's Response in Terms of Water Conservation Recommendations

RECOMMENDATIONS

Information item only requiring no action by the Board of Directors.

DISCUSSION

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:

- 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 July 7, 2015 - full data for the prior month is generally available the end of the current month – estimated 62% of usage is recorded)

Water Savings Projects and Activities

- Capital Projects
 - Convert to Reclaimed Water at North Ranch Neighborhood Park
 - Estimated out to bid in August 2015
 - Irrigation Booster Pump Replacement at Conejo Creek South
 - Implementation end of July 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
 - Applications closed on June 29, 2015
 - o Interviews in July 2015
 - Estimated hiring in August 2015
- Modifying Turf Refurbishments
 - Continuing at several sites
- Water Einstein soil moisture sensor and monitoring coordinated with existing controller at:
 - Conejo Creek South
 - Rancho Conejo Playfield or Del Prado Playfield
- Bio Char implementation by 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 submitted for
 - Beginning in June (estimated approval mid-July 2015; projects implementation in August 2015)
 - Russell Neighborhood Park
 - Russell Access Strips
 - Sunset Hills Neighborhood Park
 - Sycamore Canyon Neighborhood Park

- Beginning in July (estimated approval mid-August 2015; project implementation September 2015)
 - o 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 is submitting 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*)
 - 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	A AS OF JULY 7,	2015												
							DISTRIC	TWIDE						
											ACTUAL	ACTUAL	PREDICTED	PREDICTED
			PREDICTED				ACTUAL		PREDICTED	PREDICTED %	CUMULATIVE	CUMULATIVE %	CUMULATIVE	CUMULATIVE %
MONTH	YEAR	ACTUAL UNITS	UNITS	MONTH	YEAR	UNITS	DIFFERENCE	ACTUAL % CHANGE	DIFFERENCE	CHANGE	DIFFERENCE	CHANGE	DIFFERENCE	CHANGE
JUNE	2015	16,705	27,059	JUNE	2013	47,823	-31,118	-65.07%	-20,764	-43.42%	-31,118	-65.07%	-20,764	-43.42%
JULY	2015	,	,	JULY	2013	50,433	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
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 WATE	RAGENCY						
CITY OF THOUSAND OAKS	S	28% REDUCTION GO	4 <i>L</i>											
											ACTUAL	ACTUAL	PREDICTED	PREDICTED
MONTH	YEAR	ACTUAL UNITS	PREDICTED UNITS	MONTH	YEAR	UNITS	ACTUAL DIFFERENCE	ACTUAL % CHANGE	PREDICTED DIFFERENCE	PREDICTED % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE
JUNE	2015	8,553	8,629	JUNE	2013	17,888	-9,335	-52.19%	-9,259	-51.76%	-9,335	-52.19%	-9,259	i
JULY	2013	0,000	0,023	JULY	2013	22,418	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
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 GO	AL											
											ACTUAL	ACTUAL	PREDICTED	PREDICTED
			PREDICTED				ACTUAL		PREDICTED	PREDICTED %	CUMULATIVE	CUMULATIVE %	CUMULATIVE	CUMULATIVE %
MONTH	YEAR	ACTUAL UNITS	UNITS	MONTH	YEAR	UNITS	DIFFERENCE	ACTUAL % CHANGE	DIFFERENCE	CHANGE	DIFFERENCE	CHANGE	DIFFERENCE	CHANGE
JUNE	2015	7,070	14,647	JUNE	2013	22,194	-15,124	-68.14%	-7,547	-34.00%	-15,124	-68.14%	-7,547	-34.00%
JULY	2015			JULY	2013	20,997	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
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 GO	AL.											
			DDEDIGTED								ACTUAL			
MONTH	YEAR	ACTUAL UNITS	PREDICTED UNITS	MONTH	YEAR	UNITS	ACTUAL DIFFERENCE	ACTUAL % CHANGE	PREDICTED DIFFERENCE	PREDICTED % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE
JUNE	2015	1,082	3,783	JUNE	2013	7,741	-6,659	-86.02%	-3,958	-51.13%	-6,659	-86.02%	-3,958	1
JULY	2015			JULY	2013	7,018	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
AUGUST	2015			AUGUST	2013	8,212	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#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!





