



Conejo Recreation & Park District

GENERAL MANAGER
Jim Friedl

BOARD OF DIRECTORS
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Joe Gibson, Director
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GENERAL MANAGER EMERITUS
Tex Ward

DATE: July 18, 2016

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

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

Water Use

Attached is the monthly water use report, including:

- Water use from June 1, 2015 to January 2017 as compared to same months in 2013 (by Districtwide, and by water agency)
- District's Water Usage per Acre (All Funds)
- Overall Water Costs (All Funds)
- Rainfall

Water Savings Projects and Activities

- Capital Projects
 - Convert to Reclaimed Water at North Ranch Neighborhood Park
 - ◆ Completed
 - ◆ Submitted for reclaimed water conversion rebate
 - Irrigation Booster Pump Replacement at Conejo Creek South
 - ◆ Completed
 - Convert Small Turf Areas to Decomposed Granite, Mulch, Concrete at Wildflower Playfield
 - ◆ Turf rebate application approved (NTE \$21,500)
 - ◆ Project completed and rebate funds received

ADMINISTRATIVE OFFICES

403 West Hillcrest Drive • Thousand Oaks, CA 91360-4223
(805) 495-6471 • FAX: (805) 497-3199 • Email: parks@crpd.org • Website: www.crpd.org

- Additional Turf Conversions at Conejo Creek West (Dog Park)
 - ◆ Turf rebate application approved (NTE \$50,000)
 - ◆ Project completed and rebate funds received
- Hiring Irrigation Technician
 - Started mid-September 2015
- Modifying Turf Refurbishments
 - Ongoing
- Bio Char results monitoring (implementation end of July 2015) at:
 - Kimber Neighborhood Park
 - Oakbrook Neighborhood Park (West)
 - Results negligible, will terminate program
- Turf Conversions
 - Water shut-off at all locations, approximately 40 acres
 - Turf rebate applications
 - ◆ 9 Parks completed and approximately \$305,600 rebate funds received
 - Metropolitan Water District has provided approval for additional parks (balance of parks from prior wait list) for turf removal incentives.
 - ◆ 29 Parks
 - ◆ 8 months to complete (Feb – March 2017)
 - ◆ Approximately \$870,000 in potential rebates
 - ◆ Projects to be completed by FS Construction, Senel Construction and Engineering (result of recent RFP process) and United Landscaping to meet grant deadlines
- Waiver for Watering Operations
 - Approved for all three water agencies
- Public Outreach
 - Website updated - information, maps of turf conversion areas (www.crp.d.org/water)
 - On-site signage for turf conversions, modified field refurbishments

STRATEGIC PLAN COMPLIANCE

Meets 2016 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

DATA AS OF JUNE 1, 2016

DISTRICTWIDE

MONTH	YEAR	ACTUAL UNITS	MONTH	YEAR	UNITS	DIFFERENCE	MONTH % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE
JUNE	2015	22,657	JUNE	2013	47,823	-25,166	-52.62%	-25,166	-52.62%
JULY	2015	28,177	JULY	2013	50,433	-22,256	-44.13%	-47,422	-48.26%
AUGUST	2015	27,366	AUGUST	2013	55,126	-27,760	-50.36%	-75,182	-49.02%
SEPTEMBER	2015	26,335	SEPTEMBER	2013	47,862	-21,527	-44.98%	-96,709	-48.06%
OCTOBER	2015	22,427	OCTOBER	2013	29,358	-6,931	-23.61%	-103,640	-44.94%
NOVEMBER	2015	17,639	NOVEMBER	2013	22,783	-5,144	-22.58%	-108,784	-42.93%
DECEMBER	2015	12,586	DECEMBER	2013	11,995	591	4.93%	-108,193	-40.77%
JANUARY	2016	4,290	JANUARY	2013	6,121	-1,831	-29.91%	-110,024	-40.52%
FEBRUARY	2016	9,773	FEBRUARY	2013	5,646	4,127	73.10%	-105,897	-38.21%
MARCH	2016	13,080	MARCH	2013	17,803	-4,723	-26.53%	-110,620	-37.50%
APRIL	2016	17,304	APRIL	2013	27,198	-9,894	-36.38%	-120,514	-37.41%
MAY	2016	25,034	MAY	2013	43,744	-18,710	-42.77%	-139,224	-38.05%
JUNE	2016		JUNE	2013	47,823	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JULY	2016		JULY	2013	50,433	#VALUE!	#VALUE!	#VALUE!	#VALUE!
AUGUST	2016		AUGUST	2013	55,126	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2016		SEPTEMBER	2013	47,862	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2016		OCTOBER	2013	29,358	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2016		NOVEMBER	2013	22,783	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2016		DECEMBER	2013	11,995	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2017		JANUARY	2013	6,121	#VALUE!	#VALUE!	#VALUE!	#VALUE!

BY WATER AGENCY

CITY OF THOUSAND OAKS REDUCTION GOAL 28% (JUNE2015 - FEBRUARY 2016) AND 26% (MARCH 2016 - OCTOBER 2016)

MONTH	YEAR	ACTUAL UNITS	MONTH	YEAR	UNITS	DIFFERENCE	MONTH % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE
JUNE	2015	8,581	JUNE	2013	17,888	-9,307	-52.03%	-9,307	-52.03%
JULY	2015	13,609	JULY	2013	22,418	-8,809	-39.29%	-18,116	-44.95%
AUGUST	2015	11,372	AUGUST	2013	25,236	-13,864	-54.94%	-31,980	-48.79%
SEPTEMBER	2015	12,098	SEPTEMBER	2013	21,223	-9,125	-43.00%	-41,105	-47.38%
OCTOBER	2015	8,969	OCTOBER	2013	13,085	-4,116	-31.46%	-45,221	-45.29%
NOVEMBER	2015	7,617	NOVEMBER	2013	9,895	-2,278	-23.02%	-47,499	-43.28%
DECEMBER	2015	5,969	DECEMBER	2013	3,948	2,021	51.19%	-45,478	-40.00%
JANUARY	2016	1,550	JANUARY	2013	3,309	-1,759	-53.16%	-47,237	-40.37%
FEBRUARY	2016	3,586	FEBRUARY	2013	2,041	1,545	75.70%	-45,692	-38.38%
MARCH	2016	6,643	MARCH	2013	7,592	-949	-12.50%	-46,641	-36.83%
APRIL	2016	6,027	APRIL	2013	8,445	-2,418	-28.63%	-49,059	-36.32%
MAY	2016	8,904	MAY	2013	18,897	-9,993	-52.88%	-59,052	-38.35%
JUNE	2016		JUNE	2013	17,888	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JULY	2016		JULY	2013	22,418	#VALUE!	#VALUE!	#VALUE!	#VALUE!
AUGUST	2016		AUGUST	2013	25,236	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2016		SEPTEMBER	2013	21,223	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2016		OCTOBER	2013	13,085	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2016		NOVEMBER	2013	9,895	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2016		DECEMBER	2013	3,948	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2017		JANUARY	2013	3,309	#VALUE!	#VALUE!	#VALUE!	#VALUE!

CAL AMERICAN WATER REDUCTION GOAL 32% (JUNE2015 - FEBRUARY 2016) AND 30% (MARCH 2016 - OCTOBER 2016)

MONTH	YEAR	ACTUAL UNITS	MONTH	YEAR	UNITS	DIFFERENCE	MONTH % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE
JUNE	2015	11,269	JUNE	2013	22,194	-10,925	-49.23%	-10,925	-49.23%
JULY	2015	11,245	JULY	2013	20,997	-9,752	-46.44%	-20,677	-47.87%
AUGUST	2015	12,303	AUGUST	2013	21,678	-9,375	-43.25%	-30,052	-46.33%
SEPTEMBER	2015	11,050	SEPTEMBER	2013	18,280	-7,230	-39.55%	-37,282	-44.84%
OCTOBER	2015	10,224	OCTOBER	2013	11,562	-1,338	-11.57%	-38,620	-40.78%
NOVEMBER	2015	7,887	NOVEMBER	2013	9,554	-1,667	-17.45%	-40,287	-38.64%
DECEMBER	2015	5,306	DECEMBER	2013	6,829	-1,523	-22.30%	-41,810	-37.63%
JANUARY	2016	2,463	JANUARY	2013	2,741	-278	-10.14%	-42,088	-36.97%
FEBRUARY	2016	4,938	FEBRUARY	2013	3,435	1,503	43.76%	-40,585	-34.61%
MARCH	2016	5,404	MARCH	2013	7,935	-2,531	-31.90%	-43,116	-34.44%
APRIL	2016	9,253	APRIL	2013	14,816	-5,563	-37.55%	-48,679	-34.77%
MAY	2016	13,182	MAY	2013	18,914	-5,732	-30.31%	-54,411	-34.23%
JUNE	2016		JUNE	2013	22,194	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JULY	2016		JULY	2013	20,997	#VALUE!	#VALUE!	#VALUE!	#VALUE!
AUGUST	2016		AUGUST	2013	21,678	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2016		SEPTEMBER	2013	18,280	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2016		OCTOBER	2013	11,562	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2016		NOVEMBER	2013	9,554	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2016		DECEMBER	2013	6,829	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2017		JANUARY	2013	2,741	#VALUE!	#VALUE!	#VALUE!	#VALUE!

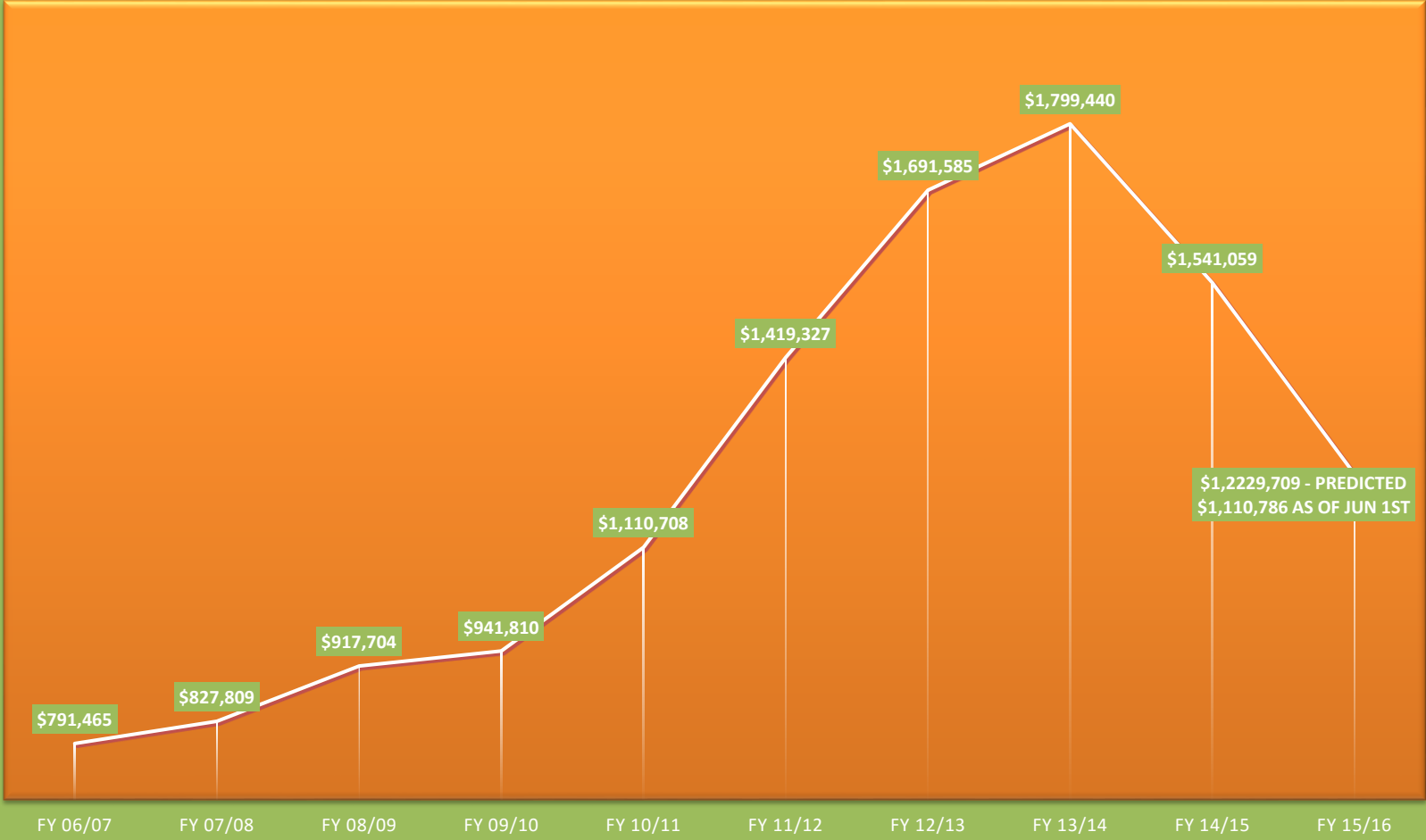
CAL WATER SERVICE REDUCTION GOAL 36% (JUNE2015 - FEBRUARY 2016) AND 34% (MARCH 2016 - OCTOBER 2016)

MONTH	YEAR	ACTUAL UNITS	MONTH	YEAR	UNITS	DIFFERENCE	MONTH % CHANGE	CUMULATIVE DIFFERENCE	CUMULATIVE % CHANGE
JUNE	2015	2,807	JUNE	2013	7,741	-4,934	-63.74%	-4,934	-63.74%
JULY	2015	3,323	JULY	2013	7,018	-3,695	-52.65%	-8,629	-58.47%
AUGUST	2015	3,691	AUGUST	2013	8,212	-4,521	-55.05%	-13,150	-57.25%
SEPTEMBER	2015	3,187	SEPTEMBER	2013	8,359	-5,172	-61.87%	-18,322	-58.48%
OCTOBER	2015	3,234	OCTOBER	2013	4,711	-1,477	-31.35%	-19,799	-54.93%
NOVEMBER	2015	2,135	NOVEMBER	2013	3,334	-1,199	-35.96%	-20,998	-53.33%
DECEMBER	2015	1,311	DECEMBER	2013	1,218	93	7.64%	-20,905	-51.50%
JANUARY	2016	277	JANUARY	2013	71	206	290.14%	-20,699	-50.90%
FEBRUARY	2016	1,249	FEBRUARY	2013	170	1,079	634.71%	-19,620	-48.05%
MARCH	2016	1,033	MARCH	2013	2,276	-1,243	-54.61%	-20,863	-48.39%
APRIL	2016	2,024	APRIL	2013	3,937	-1,913	-48.59%	-22,776	-48.41%
MAY	2016	2,948	MAY	2013	5,933	-2,985	-50.31%	-25,761	-48.62%
JUNE	2016		JUNE	2013	7,741	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JULY	2016		JULY	2013	7,018	#VALUE!	#VALUE!	#VALUE!	#VALUE!
AUGUST	2016		AUGUST	2013	8,212	#VALUE!	#VALUE!	#VALUE!	#VALUE!
SEPTEMBER	2016		SEPTEMBER	2013	8,359	#VALUE!	#VALUE!	#VALUE!	#VALUE!
OCTOBER	2016		OCTOBER	2013	4,711	#VALUE!	#VALUE!	#VALUE!	#VALUE!
NOVEMBER	2016		NOVEMBER	2013	3,334	#VALUE!	#VALUE!	#VALUE!	#VALUE!
DECEMBER	2016		DECEMBER	2013	1,218	#VALUE!	#VALUE!	#VALUE!	#VALUE!
JANUARY	2017		JANUARY	2013	71	#VALUE!	#VALUE!	#VALUE!	#VALUE!

CONEJO RECREATION AND PARK DISTRICT WATER USAGE PER ACRE (ALL FUNDS)



CONEJO RECREATION AND PARK DISTRICT OVERALL WATER COST (ALL FUNDS)



CONEJO RECREATION AND PARK DISTRICT

RAINFALL AS OF JULY 1 - JUNE 1

