




Conejo Recreation & Park District

GENERAL MANAGER
Jim Friedl

BOARD OF DIRECTORS
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Tex Ward

DATE: December 14, 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

FY 2016/2017 Water Savings Projects and Activities

- Capital Projects
 - Drought Response Irrigation Improvements and Turf Conversions - Districtwide
 - ◆ 26 parks approved by Metropolitan Water District (MWD) for turf rebate funds in the amount of \$720k
 - 12 park completed and rebate funds received (\$271k) from MWD
 - 0 parks completed and approved for rebate funds by MWD
 - 14 parks completed and submitted to MWD for approval for rebate funds
 - Investigate/Develop Conversion to Reclaimed Water at Triunfo Community Park
 - ◆ Turf rebate application approved (NTE \$50k)
 - ◆ Work started December 13, 2016
 - ◆ Estimated completion February 2017

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

- 4-6 Pickleball Courts and Turf Conversion at Rancho Conejo Playfield
 - ◆ Turf rebate application approved (NTE \$50k)
 - ◆ Work started December 13, 2016
 - ◆ Estimated completion March 2017
- Master Plan Development and Turf Conversion at Banyan Neighborhood Park
 - ◆ Project out to bid Spring 2017
- Phase 3 Development and Turf Conversion at Northwood Neighborhood Park
 - ◆ Turf rebate application approved (NTE \$50,000)
 - ◆ Work started December 6, 2016
 - ◆ Estimated completion April 2017
- Modifying Turf Refurbishments
 - Ongoing
- 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 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 NOVEMBER 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 | 32,835 | JUNE | 2013 | 47,823 | -14,988 | -31.34% | -154,212 | -37.27% |
| JULY | 2016 | 36,874 | JULY | 2013 | 50,433 | -13,559 | -26.89% | -167,771 | -36.15% |
| AUGUST | 2016 | 41,678 | AUGUST | 2013 | 55,126 | -13,448 | -24.40% | -181,219 | -34.90% |
| SEPTEMBER | 2016 | 36,296 | SEPTEMBER | 2013 | 47,862 | -11,566 | -24.17% | -192,785 | -33.99% |
| OCTOBER | 2016 | 29,814 | OCTOBER | 2013 | 29,358 | 456 | 1.55% | -192,329 | -32.24% |
| 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

| 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 | 15,077 | JUNE | 2013 | 17,888 | -2,811 | -15.71% | -61,863 | -36.00% |
| JULY | 2016 | 16,699 | JULY | 2013 | 22,418 | -5,719 | -25.51% | -67,582 | -34.79% |
| AUGUST | 2016 | 17,501 | AUGUST | 2013 | 25,236 | -7,735 | -30.65% | -75,317 | -34.31% |
| SEPTEMBER | 2016 | 14,274 | SEPTEMBER | 2013 | 21,223 | -6,949 | -32.74% | -82,266 | -34.17% |
| OCTOBER | 2016 | 13,657 | OCTOBER | 2013 | 13,085 | 572 | 4.37% | -81,694 | -32.18% |
| 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

| 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 | 13,421 | JUNE | 2013 | 22,194 | -8,773 | -39.53% | -63,184 | -34.88% |
| JULY | 2016 | 16,363 | JULY | 2013 | 20,997 | -4,634 | -22.07% | -67,818 | -33.55% |
| AUGUST | 2016 | 19,218 | AUGUST | 2013 | 21,678 | -2,460 | -11.35% | -70,278 | -31.40% |
| SEPTEMBER | 2016 | 17,394 | SEPTEMBER | 2013 | 18,280 | -886 | -4.85% | -71,164 | -29.40% |
| OCTOBER | 2016 | 12,546 | OCTOBER | 2013 | 11,562 | 984 | 8.51% | -70,180 | -27.67% |
| 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! |

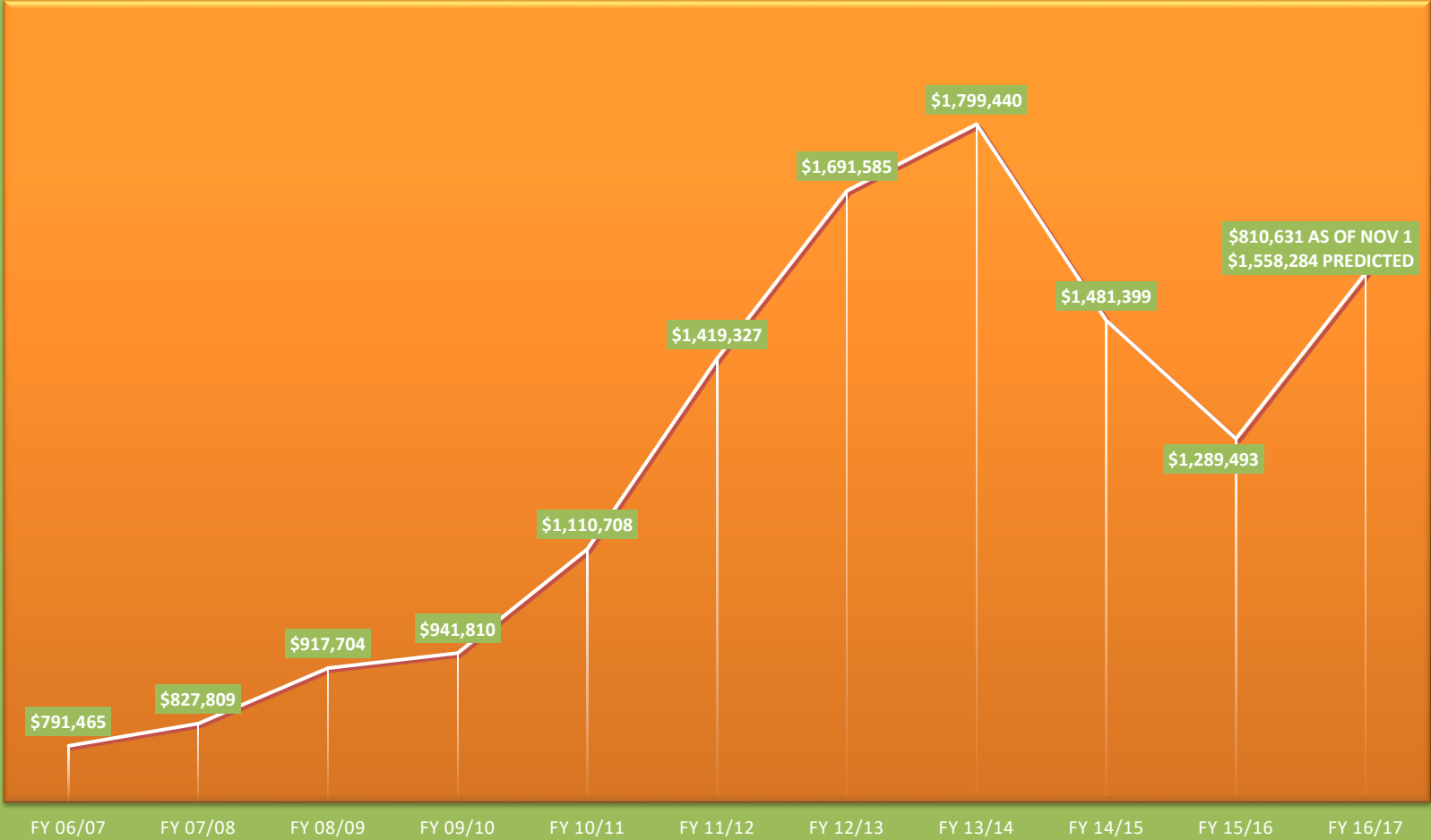
CAL WATER SERVICE

| 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 | 4,337 | JUNE | 2013 | 7,741 | -3,404 | -43.97% | -29,165 | -48.03% |
| JULY | 2016 | 3,812 | JULY | 2013 | 7,018 | -3,206 | -45.68% | -32,371 | -47.79% |
| AUGUST | 2016 | 4,959 | AUGUST | 2013 | 8,212 | -3,253 | -39.61% | -35,624 | -46.90% |
| SEPTEMBER | 2016 | 4,628 | SEPTEMBER | 2013 | 8,359 | -3,731 | -44.63% | -39,355 | -46.68% |
| OCTOBER | 2016 | 3,611 | OCTOBER | 2013 | 4,711 | -1,100 | -23.35% | -40,455 | -45.44% |
| 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 - NOVEMBER 1

