



Conejo

Recreation & Park District

Water Conservation Plan

October 2019

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Introduction

California's serious water shortages, brought on in part by drought conditions, have persisted over time. Thus, water conservation has always been an important element of contemporary California life. California also faces uncertainties for the near and longer-term water picture as a result of the impacts of climate change on water supplies. Long range climate modeling strongly indicates a hotter and drier southern California; without a strong commitment by the Conejo Recreation and Park District to water conservation, the water resources in the Conejo Valley are jeopardized.

Although the Governor's April 2015 Executive Order B-29-15 regarding California's severe drought was lifted in April 2017 with Executive Order B-40-17 and previously modified with the May 2016 Executive Order B-37-16 (Making Water Conservation a California Way of Life), it is evident that the District must continue to take steps to reduce the amount of water it uses. This is no simple task. The District should do its "fair share" and be a leader in the community with regards to water conservation.

Making Water Conservation a California Way of Life

The California Water Action Plan contains ten principles, including "Making Water Conservation a California Way of Life". Executive Order B-37-16 instructs State agencies to help Californians adopt permanent changes to use water more wisely, building upon past success by laying out a framework for a more durable approach for water conservation.

In May 2018, Assembly Bill (AB) 1668 and Senate Bill (SB) 606 were approved, building on Governor Brown's ongoing efforts to make water conservation a way of life in California. AB 1668 and SB 606 establish guidelines for efficient water use and a framework for the implementation and oversight of the new standards, which must be in place by 2022. The two bills strengthen the state's water resiliency in the face of future droughts with provisions that include:

- Establishing water use objectives and long-term standards for efficient water use that apply to urban retail water suppliers; comprised of indoor residential water use, outdoor residential water use, commercial, industrial and institutional (CII) irrigation with dedicated meters, water loss, and other unique local uses.
- Providing incentives for water suppliers to recycle water.
- Identifying small water suppliers and rural communities that may be at risk of drought and water shortage vulnerability and provide recommendations for drought planning.
- Requiring both urban and agricultural water suppliers to set annual water budgets and prepare for drought.

Executive Order B-37-16's four broad objectives - Using Water More Wisely, Eliminating Water Waste, Strengthening Local Drought Resilience, and Improving Agricultural Water Use Efficiency and Drought Planning - are valuable guidelines which assist local agencies in identifying key issues to consider to understand the options available to their agencies.

Community Expectations

At District properties, the Conejo Valley community enjoys over 1,100 acres of parkland, with over 180 acres of grass turf (approximately 70 acres of grass turf were converted to drought-tolerant planting and mulch between 2015 and 2017), an estimated 70 miles of irrigation lines, and nearly 10,000 irrigation heads.

District programs, as well as community sports groups such as baseball, soccer, softball, football, lacrosse and volleyball, day camps, youth sport classes, and many special events, rely on safe quality turf, as do the family-friendly community events which occur regularly throughout our local park system. We live in a very active community with many people engaged in healthy lifestyles, exercise and sports.

The District's patrons, as does staff, expect the District to grow and maintain healthy, quality turf. The District takes great pride in our parks and is committed to saving water and keeping our parks functional and beautiful for the enjoyment of the general community.

Conejo Recreation and Park District Response to Drought Conditions and Making Water Conservation a California Way of Life

Strategic Planning Efforts

In 2008, the District developed its initial Strategic Plan, a top level document to set clear direction over all operational aspects of the District's mission. Displaying the District's commitment to resource conservation, included in the original Strategic Plan was the following broad goal regarding conservation practices:

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 to strive to become an environmentally considerate and sustainable operation.

In order to further emphasize the District's commitment to resource conservation, in 2010 the District added a more specific water related conservation goal:

2.9 Continue to incorporate water saving practices into standard operations. Follow through with drought-related turf conversions in the parks and consider and implement a variety of cost effective water-saving solutions.

Continuing in its efforts to emphasize the District's commitment to resource conservation, in 2019 the District created a new Strategic Element – Sustainability and Resiliency. The former goals mentioned above (*6.9 Evaluate enhanced recycling and energy conservation practices* and *2.9 Continue to incorporate water saving practices into standard operations*) were folded into and expanded in the new Sustainability and Resiliency Strategic Element.

The objective of the Sustainability and Resiliency Strategic Element is to operate the District in an environmentally and economically sustainable manner. The strategy is to evaluate new ideas, embrace change and continuously move the District toward environmentally sustainable and cost-effective operations. More specific water related goals include:

8.4 Conserve water and favor California natives as well as drought tolerant landscaping through the board-approved landscape palette.

8.5 Continue to incorporate water saving practices into standard operations. Continue the drought response related irrigation and landscape improvements, and continue to seek

opportunities to save water in the parks, expand and diversify the District's water supply portfolio and consider and implement a variety of cost-effective water-saving solutions.

8.6 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.

Expenditures and Future Costs

Since 2015, the District has expended over \$4,500,000 on approximately 70 acres of turf conversions and various capital projects (such as projects to modify and upgrade irrigation systems and projects to use reclaimed irrigation) districtwide. These one-time expenditures are necessary in ensuring the viability of District parks and long-term water conservation efforts.

Annual, on-going costs for water usage continue to rise. Water costs have steadily risen since Fiscal Year 2007-2008, when the District spent overall approximately \$827,000 for 328,665 units (1 unit equals 748 gallons) of potable water used; in the last Fiscal Year 2018-2019 the District spent approximately \$1,388,000 (an approximate 67.8% increase compared to Fiscal Year 2007-2008) for 219,516 units (an approximate 33.2% decrease) of potable water used. Comparing overall cost per unit used, the District spent \$6.327 per unit in Fiscal Year 2018-2019 as compared to \$2.519 per unit in Fiscal Year 2007-2008 (an approximate 151.2% increase).

The District is committed to providing the resources necessary to respond to the ongoing and future droughts. Since Fiscal Year 2017-2018, and with the intent to continue annually, the District has committed at least \$300,000 each year for Annual Drought Response Irrigation Improvements and Annual Master Flow Valve installations. Furthermore, the District allocates any water budget savings from the prior Fiscal Year into the following Fiscal Year's Annual Drought Response Irrigation Improvements.

As costs continue to rise, the District will continue to make best efforts for water conservation and thus budgetary savings. Overwatering turf not only wastes money and water but is actually harmful and can lead to fungus, insects, puddles, and weak roots. As costs from water suppliers and distributors continue to rise, the District will be forced to allocate funds from different programs and sources to meet the basic needs of providing and maintaining healthy and quality turf.

Conejo Recreation & Park District

Water Conservation Plan

Utilizing the District's Strategic Plan, historical usage, and Making Water Conservation a California Way of Life recommendations (which provide the framework for outdoor irrigation standards utilizing evapotranspiration rates for the area, and irrigated and irrigable landscape areas), the District has set an annual water consumption target of 503 units of water per developed acre (1 unit of water equals 748 gallons). However, it must be noted that rainfall totals and patterns, and temperature deviations well outside historical norms and averages are expected to affect the units per acre necessary to keep turf and landscaping healthy.

The District's Water Conservation Plan expands on the practices and resource utilization described in the Strategic Plan that will be utilized to maintain and/or reduce its water consumption target. The Water Conservation Plan will assist the District in this effort and help the public interpret subsequent changes to parks, facilities, and open space.

The District's Water Conservation Plan discusses multiple issues related to water conservation. With each issue, the Water Conservation Plan will discuss the District's current practice regarding the issue, further District objectives regarding the issue, and challenges in accomplishing the objectives.

1. Use Water Efficiently at Agency Facilities

Current Practice:

- The District utilizes in-house maintenance reporting software and telephone reporting for irrigation and other plumbing problems; this allows the District to fix leaks and breaks in a timely matter in order to reduce water waste.
- The District utilizes the iCentral Irrigation Control System at all parks with advanced irrigation principles in all new development. The District has approximately 10,000 irrigation heads controlled by an internet weather-based "iCentral Control" System. These controllers monitor the weather in real time via the internet and adjust watering times and volumes accordingly. If it rains or the humidity is high enough, these controllers will simply shut the irrigation system off altogether.
- The District performs annual field refurbishments and turf establishment periods, mostly at sports fields. The athletic fields are well-used, to the point that our fields annually require 6-8 weeks of down time for "field refurbishment". During field refurbishment, the fields are fenced and reseeded in an effort to restore the worn out turf. The reseeding requires daytime watering, especially during intensely hot weather, so that the newly germinated seedlings do not wither and die in the hot sun. Once the turf establishes a sufficient root structure, the daytime watering is curtailed and eventually eliminated.
- In 2015, the District added an Irrigation Technician to its field staff. The Irrigation Technician's primary duty is to investigate and develop new methods and/or improvements to existing methods that result in effective management and conservation strategies of limited water resources. The Irrigation Technician is also tasked with educating and sharing these methods with other District staff.

Objectives:

- Develop an electronic reporting system that links its website to the existing maintenance program. This will include an automatic email response when the problem is fixed.
- Keep current on technology upgrades, best management practices, and training.
- Improve irrigation cycles and timing.
- Restrict permitted use on sports fields to reduce usage and thus reduce/modify field refurbishments with less intensive water use.
- Hire additional staff with primary duties for water conservation.

Challenges:

- Costs of creating and maintaining advanced technological systems.
- Parks have a limited watering window; typical irrigation occurs after 10:00 p.m., when the parks are closed, in an effort to have the irrigation off by early morning so patrons using the park the next day enjoy a relatively dry park. This leaves a much shorter time “window” to water a large park. In order to meet this limited irrigation window, at some locations – especially sports fields – watering may be spread over five or six nights per week. Because of the size of the parks, the number of irrigation stations and the limited time window, it may not be physically possible to irrigate in only three days in a week.
- Community expectations of field availability; loss of revenue from permitted groups.
- Costs of adding additional staff.

2. Install Water Conservation Devices in Existing Buildings and Parks

Current Practice:

- The District uses low volume urinals and toilets; approximately 50% fitted with infra-red automatic valves.
- Tennis courts are cleaned on an as needed basis, the District utilizes high-pressure, low volume cleaning equipment.
- The District utilizes water budgeting equipment, iCentral satellite-based controllers, automatic valve shutdown, pumps, and gate valves for maintenance projects. These products are used to minimize waste during routine maintenance by allowing staff to close the irrigation network piping to avoid draining large quantities of water prior to repair. 100 percent of the 10,000 irrigation heads within the Park District are now operated by these iCentral Controllers.
- The District is nearly complete in installing master flow valves at larger parks.

Objectives:

- Research advanced plumbing equipment that will improve on our current low-water infrastructure. This includes ultra-low/waterless water urinals, toilets, and controlled valve sink faucets.
- Install automatic valves on all urinals and toilets.
- Install master flow valves at all parks.
- Install flow sensors and high-efficiency, low water use, irrigation heads throughout all large parks.
- Create a District-wide standard for all future construction and retrofits and reference California Green Building Code.
- Take inventory of current facilities and note where improvement is needed.

Challenges:

- Communication between master flow valves and iCentral controllers.
- Costs and availability of reliable additional equipment.
- Staffing availability to perform labor intensive tasks.

3. Use Drought Tolerant Plants in Agency Parks

Current Practice:

- The District has taken approximately 70 acres (30 acres starting in 2012/2013 and additional 40 acres in 2015) of non-essential portions of a park (other than sports fields and high-use public areas) and cap irrigation heads and converted the ground cover to mulch. The 70 acres of turf to be converted were identified in consultation between Parks Division and Recreation staff. In general, the areas identified were non-essential portions of the parks (other than sports fields and high use public areas/amenities that require turf as an essential necessity for the full enjoyment and function of the public area/amenity).
- The District utilizes drought-tolerant species when and where applicable.
- The District has developed a drought-tolerant planting palate. (Exhibit 1)

Objectives:

- Research turf alternatives such as synthetic turf for playfields.
- Explore additional alternative uses (such as off-leash areas, fitness areas, bike skills stations) for non-turf outlying park areas.
- Increase native planting and emphasizing drought-tolerant species in existing and new developed park acreage.

Challenges:

- Drought-tolerant planting, turf alternatives, and mulched areas have faced considerable challenges due to financial issues and the public perception and familiarity that parks should be lush and green.

4. Use Recycled Water and Ground Water for Agency Parks

Current Practice:

- One of the three District's water suppliers, California Water Service, through the Las Virgenes Municipal Water District (LVMWD), provides recycled water at North Ranch Neighborhood Park and Triunfo Community Park. This saves approximately 15,000 units of potable water annually.

Objectives:

- Additional recycled water availability in the Westlake area from California Water Service through LVMWD to serve additional parks on the east side of the District. (i.e. North Ranch Playfield, Evenstar Neighborhood Park).
- Additional recycled water availability throughout the District.
- Ground water availability throughout the District to serve all parks Districtwide.

Challenges:

- Two of the three District's water suppliers, the City of Thousand Oaks and California American Water, do not have recycled water readily available for District parks. The treated wastewater from the City's Hill Canyon Treatment Plant is discharged into Calleguas Creek where it is sold to Camrosa Water District where it is reused downstream primarily for crop irrigation in the Oxnard plain.
- Costs associated with making additional recycled water available.
- Quality of ground water available.
- Costs and economic feasibility of utilizing ground water for District parks.

5. Create a Procedure for Residents to Report Broken Sprinklers at Agency Parks

Current Practice:

- The District staff and public report leaks, breaks and faulty irrigation via telephone, email, and the Do Report Irrigation Problems (DRIP) program. Phone calls and emails from DRIP are received from park patrons and interfaced to grounds staff. This system allows real time reporting during operating hours.

Objectives:

- Develop additional systems such as Apps to complement the existing systems.

Challenges:

- Costs associated with the additional technology and implementation.

6. Develop a Design Criteria to Reduce Runoff and Promote Ground Water Recharge

Current Practice:

- Many District park sites, generally developed or retrofitted since 2001, are designed to absorb storm water.
- New parks are being outfitted with bioswales and older parks are beginning to be retrofitted with bioswales intended to capture, slow, and filter storm water.

Objectives:

- Utilize EPA MS4 guidelines that allow park sites to accept and treat municipal storm water runoff through the creation of bioswales. In this program, developers and local municipalities can divert runoff from conventional storm drains into bioswales that will treat and diffuse storm water.
- All future parks and park retrofits will utilize these design practices as outlined in the California Green Building Code.

Challenges:

- As the District is nearing build out, opportunities to incorporate this design in new parks are dwindling; thus, the vast majority of opportunities are for retrofitting existing parks. Retrofitting existing parks presents economic and operational challenges.

7. Conduct Water Audits for Agency Properties

Current Practice:

- Grounds and maintenance staff, including a certified landscape irrigation auditor, check each system at least once a month for leaks and spray accuracy. This is one reason patrons may occasionally see sprinklers on during the day.
- Since the hire of the Irrigation Tech, labor intensive water audits and training for staff are being implemented more frequently.

Objectives:

- Conduct annual auditor's report which includes auditing facilities water use in addition to the existing landscape irrigation audit. These two reports will help track progress and assist in planning efforts by providing real-time data on each park and the District as a whole.

Challenges:

- The current system is extremely labor intensive and manually analyzed and implemented.

8. Provide Public Outreach to Inform and Educate

Current Practice:

- The District attends and conducts community meetings and provides information via print and social media.
- The District provides monthly and annual reports to the Board of Directors regarding water use and water saving projects and activities to date.

Objectives:

- Increase public outreach via partnerships with water suppliers and distributors.
- Provide project-specific neighborhood meetings.

Challenges:

- Staff time and availability.

How is the District Doing?

In Exhibit 2, Table 1 and Graph 1 represent water usage for the past twelve years (2007/2008 through 2018/2019) and projections for the next year to maintain the District's water target of 503 units per acre through 2019/2020.

In 2018/2019 (most recent completed year), the District was **25.4% below** its water target of 503 units per acre.

The District has **decreased its water use by 40.3%** when comparing water consumption in 2018/2019 (most recent completed year) to 2007/2008 units per acre.

Exhibit 2, Table 2, shows the vast difference between doing nothing (unmitigated water use utilizing actual 2007 units - 1 unit of water equals 748 gallons - per acre rate) and progressively reducing water use per acre (mitigated water use utilizing actual and projected units per acre rate from Table 1). The column to the far right depicts the quantity of this difference. On an annual ongoing basis, if no improvements had been made within the District, use in 2019/2020 would increase approximately 75,600 units (over 56,548,000 gallons) per year and \$465,000 more per year above the water use target. Cumulatively, since 2007/2008, because of the improvements, the District has **saved approximately 604,400 units (over 452,091,000 gallons) and nearly \$3,100,000.**

Conclusion

The District is committed to resource utilization, water cost savings, and striving to become an environmentally considerate and sustainable operation. However, there are no simple avenues to meet this commitment; the District already limits irrigation of park landscaping so that the health of the grass and landscaping is near failure level. Irrigating at the bare minimum, coupled with a further reduction, would result in significant turf damage and lead to a difficult recovery.

Staff is continuously making efforts to balance aggressive water conservation efforts with turf playability and quality and to preserve healthy landscaping; the recent and recurring drought conditions make it prudent for staff to develop, consider, and implement an effective Water Conservation Plan.

In order to monitor efforts, monthly reports of the District's water use, water savings projects, and activities to date will be provided to the Board and published.

The Water Conservation Plan will be updated and submitted to the Board on an annual basis. As part of the annual review, staff will consider and incorporate the latest information from the Executive Order Agencies (California Department of Water resources, State Water Resources Control Board, California Department of Food and Agriculture, California Public Utilities Commission, and California Energy Commission) in order to keep the plan current and relevant.



Exhibit 1

Native & Drought-Tolerant
Plant List

Turf Conversion California Native and Draught Tolerant Plant List

TREES

BOTANICAL NAME	COMMON NAME
<i>Arbutus unedo</i>	Strawberry Tree
<i>Arbutus 'Marina'</i>	Marina Strawberry Tree
<i>Cassia fistula</i>	Golden Shower Tree
<i>Cassia leptophylla</i>	Gold Medallion Tree
<i>Cedrus</i>	Cedar
<i>Cercidium floridum</i>	Palo Verde
<i>Cercis occidentalis</i>	Western Redbud
<i>Chilopsis linearis</i>	California Orchid Tree
<i>Cupressus sempervirens</i>	Italian Cypress
<i>Lagerstroemia indica</i>	Crape Myrtle
<i>Laurus nobilis</i>	Sweet Bay
<i>Olea europaea</i> (Fruitless)	Fruitless Olive
<i>Parkinsonia aculeata</i>	Mexican Palo Verde
<i>Pinus</i>	Pines
<i>Pistacia chinensis</i>	Chinese Pistachio
<i>Plantanus racemosa</i>	California Sycamore
<i>Quercus agrifolia</i>	Coast Live Oak
<i>Quercus lobata</i>	Valley Oak
<i>Rhus lancea</i>	African Sumac
<i>Schinus molle</i>	California Pepper Tree

SHRUBS / GROUND COVER

BOTANICAL NAME	COMMON NAME
<i>Aeonium</i>	Aeonium
<i>Agave Americana</i>	Century Plant
<i>Agave Americana</i> var. <i>Medio-Picta</i> 'Alba'	White Striped Century Plant
<i>Agave attenuata</i>	Foxtail Agave
<i>Aloe</i>	Aloe
<i>Anigozanthos</i>	Kangaroo Paw
<i>Arctostaphylos</i> 'Emerald Carpet'	Carpet Manzanita
<i>Arctostaphylos uva-ursi</i>	Manzanita
<i>Baccharis pilularis</i> 'Pigeon Point'	Dwarf Coyote Brush
<i>Bougainvillea</i>	Bougainvillea
<i>Carex</i>	Sedge
<i>Ceanothus</i> 'Concha'	Concha Ceanothus
<i>Ceanothus g. horizontalis</i> 'Yankee Point'	California Lilac
<i>Ceanothus thyrsiflorus</i> 'Snow Flurry'	Snow Flurry Ceanothus
<i>Cistus</i>	Rockrose
<i>Cotinus coggygria</i>	Smoke Tree
<i>Cotoneaster</i>	Cotoneaster
<i>Echeveria</i>	Echeveria

BOTANICAL NAME

Eschscholzia californica
Festuca glauca
Feijoa
Fremontodendron
Heteromeles arbutifolia
Heuchera
Hesperaloe parviflora
Lavandula
Lantana montevidensis
Leptospermum
Mahonia
Myrtus communis
Pelargonium
Pyracantha
Rhamnus
Rhus integrifolia
Rhus
Ribes
Phormium tenax
Romneya coulteri
Rosa banksiae
Rosmarinus officinalis Irene
Rosmarinus officinalis 'Tuscan Blue'
Salvia leucantha
Salvia leucophylla 'Point Sal Spreader'
Sambucus
Sedum
Senecio mandraliscae
Teucrium
Thymus
Verbena lilacina 'De La Mina'
Westringia fruticosa
Zauschneria

COMMON NAME

California Poppy
Blue Fescue
Pineapple guava
Flannel Bush
Toyon
Coral Bells
Red Yucca
Lavender
Lantana
Tea Tree
Barberry
Myrtle
Geranium
Firethorn
Buckthorns
Lemonade Berry
Sumac
Currant
New Zealand Flax
Matilija Poppy
Lady Bank's Rose
Trailing Blue Rosemary
Upright Rosemary
Mexican Sage
Purple Sage
Elderberry
Stonecrop
Blue Iceplant
Germander
Thyme
Verbena
Coast Rosemary
California Fuchsia



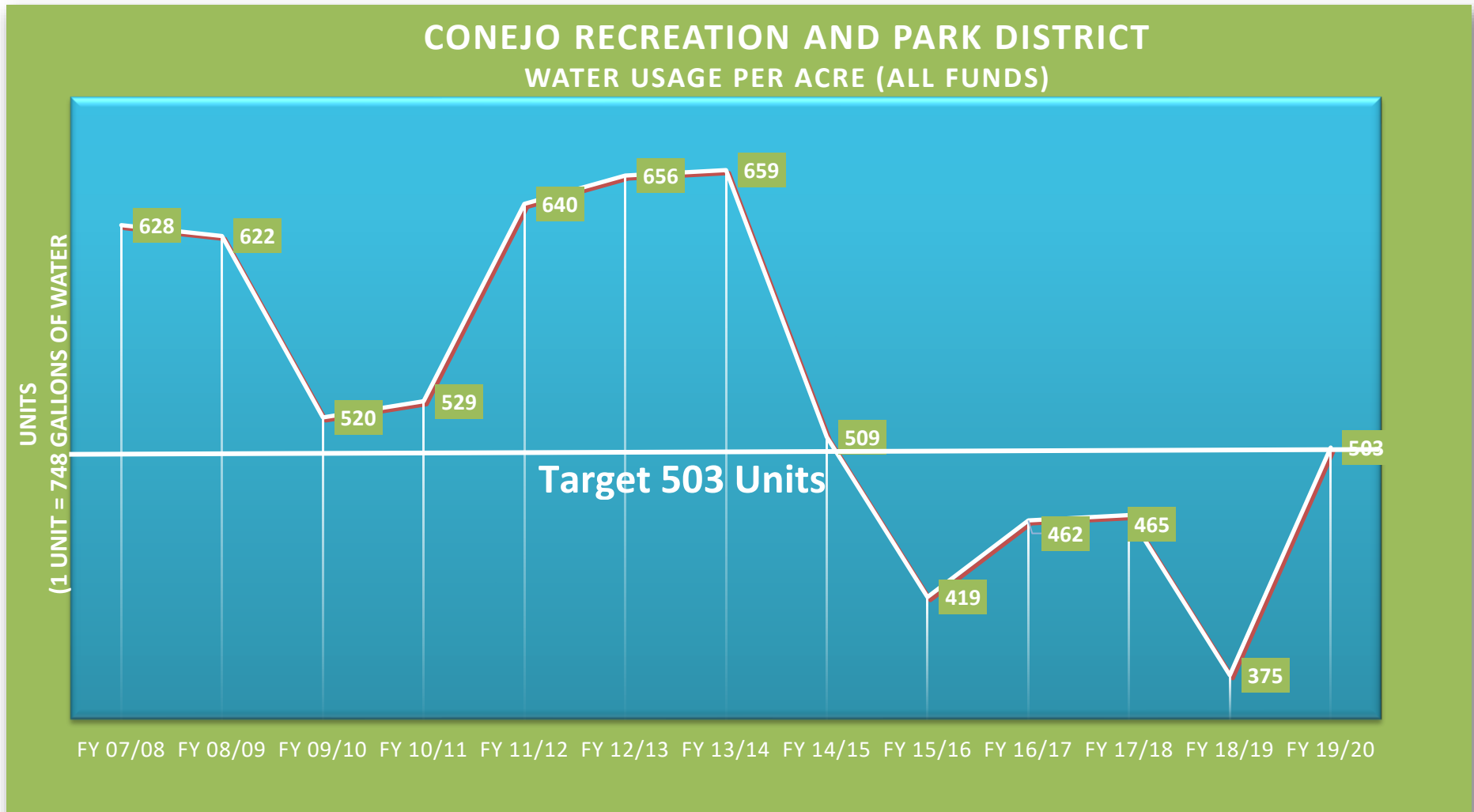
Exhibit 2

Water Usage & Park Acreage

Table 1: 2007-2020 Water Actual Use/Projection

	Rainfall (inches)	Fiscal Year	Water Usage (Units)	Developed Acreage	Target Units Per Acre	Actual Units Per Acre	% Change Compared to 2007/2008 Units Per Acre	% Change Compared to Target Units Per Acre
ACTUAL	5.71	2007/2008	328,665	523	503	628	-	-24.9%
ACTUAL	6.47	2008/2009	325,461	523	503	622	1.0%	-23.7%
ACTUAL	8.82	2009/2010	280,610	540	503	520	17.3%	-3.3%
ACTUAL	20.51	2010/2011	285,694	540	503	529	15.8%	-5.2%
ACTUAL	8.74	2011/2012	345,627	540	503	640	-1.9%	-27.2%
ACTUAL	4.86	2012/2013	370,483	565	503	656	-4.3%	-30.4%
ACTUAL	5.00	2013/2014	372,275	565	503	659	-4.8%	-31.0%
ACTUAL	8.38	2014/2015	287,699	565	503	509	19.0%	-1.2%
ACTUAL	5.56	2015/2016	236,840	565	503	419	33.3%	16.7%
ACTUAL	19.44	2016/2017	260,841	565	503	462	26.5%	8.2%
ACTUAL	5.97	2017/2018	261,619	569	503	465	26.0%	7.6%
ACTUAL	17.57	2018/2019	219,516	586	503	375	40.3%	25.4%
PROJECTED	15.22	2019/2020	301,800	600	503	503	20.0%	0.0%

Graph 1: Water Usage Per Acre



- Unit of water equals 748 gallons.
- Historical rainfall data is from Weather Underground (www.wunderground.com)
- Projected Rainfall data is the average historical rainfall for the area.
- Fiscal year runs from 1 July- 30 June.
- Above developed acreage projection based on Table 3, estimated from 2019/2020 – 2028/20297 Ten Year CIP Plan and staff adjustments.

Table 2: Water Use Comparison

	Fiscal Year	Unmitigated Water Use (Units)	Mitigated Water Use (Units)	Savings (\$)	Savings (Units)
ACTUAL	2007/2008	328,665	328,665	\$0	0
ACTUAL	2008/2009	328,665	325,461	\$9,034	3,204
ACTUAL	2009/2010	339,660	280,610	\$198,189	59,050
ACTUAL	2010/2011	339,660	285,694	\$209,807	53,966
ACTUAL	2011/2012	339,660	345,627	-\$24,504	-5,967
ACTUAL	2012/2013	355,385	370,483	-\$68,936	-15,098
ACTUAL	2013/2014	355,385	372,275	-\$81,640	-16,890
ACTUAL	2014/2015	355,385	287,699	\$348,524	67,686
ACTUAL	2015/2016	355,385	236,840	\$645,430	118,545
ACTUAL	2016/2017	355,385	260,841	\$545,829	94,544
ACTUAL	2017/2018	357,901	261,619	\$580,195	96,282
ACTUAL	2018/2019	368,594	219,516	\$943,217	149,078
PROJECTED	2019/2020	377,400	301,800	\$465,696	75,600

Table 3: Park Acreage

Park Name	Total Acres	Developed Acres	Undeveloped Acreage	Projected Development	Projected Year
Estella Park	1.9	1.9	0.0	None	
Banyan Park	7.4	7.4	0.0	None	
Morrow Circle	4.0	0.0	4.0	None	
Del Norte	3.7	0.0	3.7	None	
Old Meadows Park	31.0	6.7	24.3	None	
Stagecoach Inn Museum	5.0	5.0	0.0	None	
Hickory Park	4.6	4.6	0.0	None	
Cypress Park	5.0	5.0	0.0	None	
Borchard Community Park	28.7	28.7	0.0	None	
Suburbia Park	2.0	2.0	0.0	None	
Thousand Oaks Community Park	35.8	22.0	13.8	None	
Oakbrook Neighborhood Park	13.5	13.5	0.0	None	
Evenstar Park	4.0	4.0	0.0	None	
Lynn Oaks Park	8.8	4.0	4.8	None	
Russell Access Strips	1.0	1.0	0.0	None	
Russell Park	7.0	7.0	0.0	None	
Triunfo Park	23.4	23.4	0.0	None	
Conejo Creek North	44.1	44.1	0.0	None	
Fiore Playfield	9.6	7.1	2.5	None	
Beyer Park	4.0	4.0	0.0	None	
Conejo Creek West	51.1	44.0	7.1	7.1	2028/2029
Conejo Creek South	54.7	50.3	4.4	None	
Conejo Community Park	38.4	20.0	18.4	None	
Wendy Park	4.3	4.3	0.0	None	
Glenwood Park	5.2	5.2	0.0	None	
Conejo Valley Botanic Garden	39.6	39.6	0.0	None	
Waverly Park	5.5	5.5	0.0	None	
Thousand Oaks Teen Center	0.0	0.0	0.0	None	
Conejo Creek Southwest	14.1	0.0	14.1	14.1	2020/2021
Goebel Senior Center	0.0	0.0	0.0	None	
Knoll Park	21.1	0.0	21.1	None	

Table 3: Park Acreage (continued)

Park Name	Total Acres	Developed Acres	Undeveloped Acreage	Projected Development	Projected Year
Pepper Tree Playfield	21.7	21.7	0.0	None	
Wildwood Neighborhood Park	5.8	5.8	0.0	None	
Cañada Park	9.2	4.0	5.2	None	
Sunset Hills Park	5.8	5.8	0.0	None	
Spring Meadow Park	7.2	7.2	0.0	None	
Wildflower Playfield	19.0	19.0	0.0	None	
Stagecoach Inn Park	4.9	4.9	0.0	None	
Kimber Park	8.3	8.3	0.0	None	
Farland House	0.0	0.0	0.0	None	
Walnut Grove Park	6.5	6.5	0.0	None	
Southshore Hills Park	4.5	4.5	0.0	None	
Northwood Park	8.5	8.5	0.0	None	
Newbury Gateway Park	6.9	2.3	4.6	None	
Crowley House	0.0	0.0	0.0	None	
El Parque de la Paz	4.8	4.8	0.0	None	
North Ranch Neighborhood Park	12.0	12.0	0.0	None	
North Ranch Playfield	12.0	12.0	0.0	None	
Lang Ranch Neighborhood Park	10.4	7.0	3.4	None	
Sapwi Trails Community Park	124.0	17.0	107.0	None	
McCrea Ranch	219.4	0.0	219.4	None	
Rancho Conejo Playfield	12.7	12.7	0.0	None	
Dos Vientos Neighborhood Park	5.2	5.2	0.0	None	
Walnut Grove Equestrian Center	13.0	4.5	8.5	None	
McCrea Ranch West	58.9	0.0	58.9	None	
Hillcrest Center	8.8	4.0	4.8	None	
Dos Vientos Community Park	27.8	27.8	0.0	None	
Sycamore Neighborhood Park	4.5	4.5	0.0	None	
Del Prado Playfield	26.0	16.0	10.0	None	
Total	1126.3	569.3	557.0	22.2	
*Bold Denotes Future Park Acreage					

In response to this projection, the District concludes there will be approximately 22 acres of new development over the next 10 years (2020-2029). This justifies a continued increase in total annual water consumption despite a continuous reduction in per acre water use, as illustrated by the graph and tables 1 and 2.



California Department of Water Resources

<https://water.ca.gov/Programs/Water-Use-And-Efficiency/Making-Conservation-a-California-Way-of-Life>

California Green Building Code

<https://www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen>

California Storm Water Quality Association

www.casqa.org

California Water Action Plan

www.resources.ca.gov/california_water_action_plan

California Water Association

www.calwaterassn.com

Conejo Recreation & Park District

5-Year Strategic Plan

(2019-2023)

www.crpdp.org/5-YearSP

Conejo Recreation & Park District

10-Year Capital Improvement Plan

(FY 2019/2020 – FY 2028/29)

www.crpdp.org/10CIP

**Conejo Recreation & Park District water page,
including a complete set of turf conversion maps for each park**

www.crpdp.org/water

Making Water Conservation a California Way of Life

www.water.ca.gov/wateruseefficiency/conservation/docs/EO_B-37-16_Report.pdf

Weather Underground

www.wunderground.com/weather/us/ca/camarillo/93010