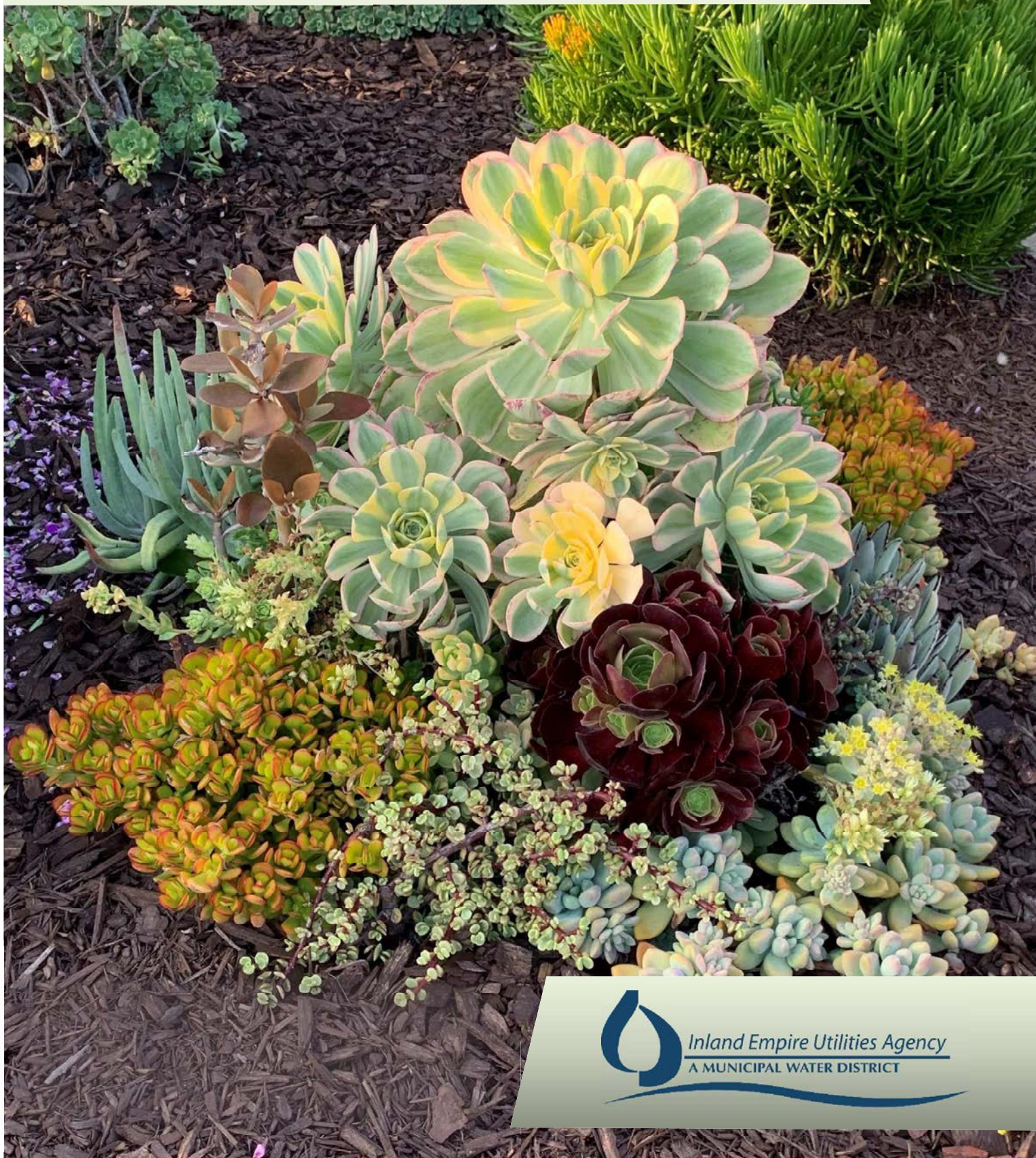


# ***Regional Water Use Efficiency Programs Report FY 2018/2019***



***Inland Empire Utilities Agency***  
**A MUNICIPAL WATER DISTRICT**



## Inland Empire Utilities Agency's Member Agencies:



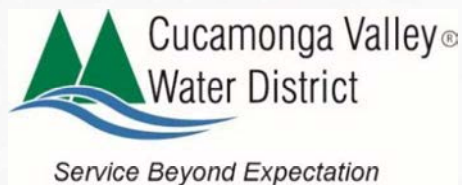
City of Chino



City of Chino Hills



City of Upland



Cucamonga Valley Water District



Monte Vista Water District



Ontario Municipal Utilities Co.



Fontana Water Company



San Antonio Water Company



# IEUA Regional Water Use Efficiency Programs Annual Report FY 2018/2019

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**Preface**  
**Regional Water Use Efficiency Programs**  
**Annual Report**  
**FY 2018-2019**

The Inland Empire Utilities Agency (IEUA) sets forth goals and accomplishments to achieve the best water management practices. Over the past 27 years, IEUA and its regional partners have made great progress to attain environmental stewardship and sustainability. Water-use efficiency (WUE) is universally regarded as the most cost-effective method to reduce water demand within a region. Water-use efficiency encompasses a range of program, services, devices, and innovations that are captured in the Regional Water-use Efficiency Programs Report. The goal of the report is to capture the effectiveness of the WUE principles and practices within IEUA's service area. The report may serve as a guide for developing the next annual budget and overall program performances.

Over the last 10 years, WUE strategies have changed as a result of local and state policies that require better water-use practices, more efficient communication between agencies and the public, and greater technologic improvements. The constant change in regulation and policy has resulted in IEUA being both adaptive and trailblazing in WUE.

IEUA offers a portfolio of WUE programs designed to improve landscape management, reduce indoor and outdoor water-use, and provide education to the community. A noteworthy advancement in IEUA's WUE practices was the introduction of the Landscape Tune-Up Pilot Program in April 2019. The program yielded positive results, suggesting it may be a potential program in the future. Overall, in the last fiscal year there were approximately 3,696 water saving technologies/services deployed throughout the service area. Some of these include:

- ✓ Residential Landscape Design Services
- ✓ Residential Landscape Installation and Retrofit Programs
- ✓ Residential Landscape Irrigation Tune-Up Program
- ✓ Landscape Evaluations and Consultations
- ✓ Residential Pressure Regulation Program
- ✓ Residential and Commercial Turf Replacement Program
- ✓ Residential and Commercial Device-based Rebates
- ✓ Technology-Based Software Programs
- ✓ Regional Watershed-Wide Aerial Mapping Program
- ✓ Funding support for Member Agency Locally Implemented Programs
- ✓ Funding support for development of Sustainable Water Rate Structures
- ✓ Inland Empire Residential Landscape Guidebook
- ✓ Water Saving Garden Friendly – for the Inland Empire – Online Plant Database

The water savings achieved through these regional WUE activities are 285 acre-feet per year, with an estimated lifetime savings of 2,331 acre-feet. Thus, IEUA's cumulative lifetime water savings are 144,079 acre-feet for all WUE activities since 1992.



Our programs are designed to meet the following regulatory requirements:

- Surpassing SBX 7-7 - The Water Conservation Act of 2009 (reduction in per capita water use by 20% by 2020)
- Making Conservation a California Way of Life (AB 1668 and SB 606)
- Assembly Bill 1881 – The Model Water Efficient Landscape Ordinance
- Future WUE legislation and regulations

Sustained reduction in water use, as mandated by State legislation, will be met through IEUA's member agency regional partnerships and IEUA's continued commitment to implement innovative WUE programs that create market transformation. Many of these programs have been made possible through funding partnerships with other agencies, including the Metropolitan Water District of Southern California, the Department of Water Resources, the U.S. Bureau of Reclamation, and public/private partnerships.

Sincerely,

Shivaji Deshmukh, P.E.  
General Manager  
Inland Empire Utilities Agency



**Highlights**  
**Inland Empire Utilities Agency (IEUA)**  
**Regional Water Use Efficiency Programs Report**  
**July 1, 2018 – June 30, 2019**

**IEUA RESIDENTIAL PROGRAMS**

***SoCalWater\$mart Residential Rebates Program***

- **MWD SoCalWater\$mart.com Residential Rebate Program** IEUA's foundational water use efficiency rebate program for residential customers provides incentives for high efficiency toilets, washing machines, sprinkler nozzles, weather-based irrigation controllers, rain barrels, and turf removal. IEUA and its member agencies dedicate funding specifically for enhancing MWD's base rebate amounts to attract greater customer participation. Since the relaunch of the Turf Replacement Program, customers within IEUA's service area are eligible for a \$3 per square-foot rebate. Over the last fiscal year, there were approximately 1,533 rebates issued through this program, with an estimated annual water savings of 71 acre-feet and a total savings of 790 acre-feet over the life of the devices.

***IEUA Locally Implemented Residential Programs***

- **IEUA Regional Residential Landscape Retrofit Program – DWR/MWD** initially launched in April 2011, this program provides outdoor irrigation evaluations and retrofits of high efficiency landscape devices for residential water service customers whose lot size is one-quarter acre or larger. In FY 2018-2019, there were 89 retrofits/upgrades completed that included the installation of 125 weather-based irrigation controllers and 1,544 high efficiency sprinkler nozzles representing an estimated water savings of 25 acre-feet per year and 91 acre-feet over the life of the devices. Since program inception, a total of 1,672 site retrofits were completed with annual water savings from device upgrades representing a cumulative total of 932 acre-feet per year and a lifetime savings of 7,962 acre-feet.
- **IEUA Residential Education, Survey, and Controller Upgrade Program** focuses on the higher water use demographic within the small residential landscape sector. The program promotes an improved understanding of landscape irrigation control technologies while ensuring more efficient scheduling and operation of automated irrigation systems through required training class attendance, landscape evaluations, and smart controller technology upgrades. Over the last fiscal year 2018-2019, there were 11 training classes conducted, 234 sites evaluated, and 256 automated controllers upgraded. Water savings from these activities are estimated to achieve 11 acre-feet per year and 106 acre-feet over the life of the devices. Since program inception in July 2016, there have been 54 training classes completed and 532 landscape evaluations and smart controller upgrades. Program water savings to date is approximately 22 acre-feet per year with an average lifetime savings of 220 acre-feet.
- **Residential Pressure Regulation Program** addresses a wide range of problems that occur when excessive water pressure occurs on the customer side of the water connection. When a plumbing fixture in a home or irrigation system is opened and water flows through it, water is "pushed" through the water supplier's mains. When under high pressure, water in the plumbing line is delivered to homes at a much higher rate and volume, than at lower pressure, causing more water to flow from a fixture over a set time-period. Pressure Regulating Valves (PRV) are installed at the meter, at the house, and/or at the point-of-connection for the irrigation system which automatically reduces the high incoming water pressure from



water mains to provide a lower, more functional pressure distribution. PRVs regulate by maintaining a pressure between 45 and 75 psi, thereby ensuring that water lines, and both indoor and outdoor appliances operate safely. In addition, PRVs ensure that end-use plumbing fixtures operate at the intended flow rate and reduce the incidence of excessively leaky pipes and fixtures.

On average, 20,000 to 30,000 gallons per year per home can be conserved with no conscious effort beyond installation of the PRV. This program, launched in June 2016, serviced 396 sites in FY 18/19 with an estimated savings of 47 acre-feet and lifetime savings of 467 acre-feet. To date, this program has replaced 965 PRVs throughout the IEUA service area with projected savings of 114 acre-feet per year and lifetime savings of 1,140 acre-feet over the life of the devices.

- **SARCCUP Smartscape Residential Tune-Up Program** Through a partnership of the Inland Empire Utilities Agency, ConservInc., Orange County Coastkeeper, and Inland Empire Water Keeper, the pilot program provides services to maximize the efficiency of a customer's existing irrigation system. Started in April 2019 in FY 18/19, the program includes services such as sprinkler repairs, valve replacements, drip irrigation couplers and emitter replacements, minor lateral irrigation lines repairs, and a general audit. Participating customers are categorized by those with a lot size of less than 10,000 sq. ft. (Small) and those with a lot size of more than 10,000 sq. ft. (Large) From April 2019 to June 2019, there were a total of 28 small sites and 125 large sites. Final water savings from the program are still being determined.

## **IEUA COMMERCIAL PROGRAMS**

### ***SoCalWaterSmart Commercial, Industrial, and Institutional (CII) Rebates Program***

- **MWD SoCalWaterSmart.com CII Rebate Program** IEUA's foundational water use efficiency rebate program for commercial, industrial and institutional customers provides incentives that include plumbing fixtures, landscaping devices, turf replacement and some industry specific technologies. IEUA and its member agencies dedicate funding specifically for enhancing MWD's base rebate amounts to attract higher customer participation. Since the relaunch of the Turf Replacement Program, customers within IEUA's service area are eligible for a \$3 per square-foot rebate. There were approximately 1,119 rebates issued over the last fiscal year with an estimated annual water savings of 19 acre-feet per year and a total savings of 308 acre-feet over the life of the devices.

## **IEUA LOCALLY IMPLEMENTED GENERAL WUE PROGRAMS**

- **IEUA/Chino Basin Water Conservation District Landscape Evaluation and Audit Program (LEAP)** Administered by the Chino Basin Water Conservation District in partnership with IEUA and the eight retail member agencies, provides landscape and irrigation evaluations for residential, commercial, institutional, and industrial customers. A total of 161 landscape evaluations were completed over the last fiscal year, yielding a potential water savings of 30 acre-feet per year and a life-time water savings of 113 acre-feet if all report recommendations are implemented by the participants. Of the total completed audits, 78 were single family homes and 83 were commercial sites, representing a total irrigated landscaped area of 108 acres.
- **IEUA's Member Agency Administered Program** launched in FY 18/19, this program provides funding support for member agency implemented local water use efficiency projects that demonstrate water savings. Members submit proposals that include a project scope of work, estimated water savings, and



cost. Proposed projects may not be duplicative of existing regional programs. Over the last fiscal year, Monte Vista Water District submitted for a high efficiency nozzle installation project for commercial, industrial, and institutional customers.

- **Residential Landscape Design Services** delivers a comprehensive landscape design package that supports front and backyard renovations at no cost to participants. A partnership between IEUA, the Chino Basin Water Conservation District and its eight retail member agencies, this new program is designed to provide participants with a clear and inspiring design that is easily usable by residents who have no experience reading landscape plans. Homeowners are required to apply online to schedule an appointment and must agree to pay a \$50 refundable deposit. Homeowners have six months to complete their projects to receive their refund. During FY 18/19, 30 residential landscape designs were created at a value of \$7,200. Since the program launch in February 2018, 44 residential landscape designs have been created at a value of \$10,560.
- **Technology Based Software** data analytics provides tools for water agencies to more accurately identify customers with excess water usage and communicate with them on how their usage compares against accepted water use efficiency standards. In 2015, IEUA sponsored the development of agency specific dashboards that allowed members to locate high water use landscapes, identify over water-use parcels, track agency use against set State water use efficiency (WUE) objectives, and direct WUE Programs to customer specific needs.
- **Conservation-Based Rate Structures** provide customized water budgets based on a customer's unique profile and are designed to meet individual needs while encouraging efficiency. Rate structures are designed with different pricing levels for indoor, outdoor, and inefficient water use that deliver equitable treatment for customers based on their need. Over the last few years, many of IEUA's member agencies have adopted new conservation-based rate structures within their respective service areas.
- **IEUA's BMP Support Grant** each year, IEUA allocates funding within the annual water conservation programs budget to financially support member agencies on agency specific water use efficiency activities. Each member is eligible to receive a \$2,000 grant that supports a variety of activities and items such as special events, customer surveying, purchasing of outreach materials, conservation devices, and vehicle magnets. Over the last fiscal year, IEUA awarded five grants to member retail agencies representing a total of \$10,000.
- **IEUA Regional Landscape Training Workshops** in a series of IEUA sponsored courses; residential customers learn the latest ways to create a sustainable landscape and improve landscape efficiency to reduce outdoor water usage through workshops. The courses cover information on landscape design and preparation, water wise landscaping, mulching and composting, and more. There were 11 courses held throughout IEUA's service area with participants attending workshops held by Cucamonga Valley Water District, Fontana Water Company, and the City of Upland.
- **Water Saving Garden Friendly (WSGF)** is a program to help customers find the resources they need to be water efficient in their landscape. The program was founded in 2010 by Eastern Municipal Water District, Inland Empire Utilities Agency, San Bernardino Valley Municipal Water District, Western





Municipal Water District, Chino Basin Water Conservation District, and Rancho Santa Ana Botanical Garden. A goal of Water Saving Garden Friendly is to make available plants that can thrive with less water. During FY 17-18, the WSGF Team developed a new micro-website called “Water Saving Garden Friendly in the Inland Empire”, an online plant database climate specific to the entire Inland Empire Region. It includes Garden Tours, a Garden Gallery, Plant Database, a search engine for plants, problem solving plant lists, plant and garden information report printouts, a garden resources section, and water conservation tips. Since then the partnership has maintained and updated the website with current information. The micro-site can be found at [www.watersavinggardenfriendly.com](http://www.watersavinggardenfriendly.com).

- **Inland Empire Residential Landscape Guidebook** delivers a new approach to landscaping by applying the watershed wise approach. A step-by-step instruction book that includes the "how-to's" on resilient landscape design, building healthy soils, selecting climate-appropriate plants, and installing efficient irrigation systems that create a sustainable, water-wise garden. The Guidebook can be located online at [www.ieua.org/usewaterwisely/landscaping](http://www.ieua.org/usewaterwisely/landscaping). This project was a partnership between IEUA, Eastern Municipal Water District, the City of Corona, Elsinore Valley Municipal Water District, and Rancho California Water District.
- **Garden in Every School® (GIES) Program** each year, the GIES Program awards either a \$4,500 grant per school for up to four schools for the establishment of a new water-wise garden or a \$1,000 mini-grant to participating schools to support the sustainability of existing gardens. During FY 2018-19, IEUA awarded 3 grants to St. George Parish School (Ontario), Hillside High School (Upland) and Valley View High School (Ontario). On February 26, 2019, IEUA staff hosted a Project WET and Garden in Every School® Workshop for those schools wishing to apply for a \$1,000 garden mini grants for the following school year.
- **National Theatre for Children Program (NTC)** delivers a behavior-driven, multiplatform, in-school water education curriculum for students and teachers in grade levels K-6. A package of live theatre, student curriculum and teacher guides focus on messaging utilizing a custom-designed program covering uses of water, importance of water, ways to conserve, and ways water gets polluted. Over the last year, NTC visited 50 elementary schools throughout the IEUA service area, conducted 86 shows reaching 21,530 students and 922 teachers.
- **Shows That Teach** “H2O, Where Did You Go?” and “Waterology” are fun K-6 appropriate, theatrical-style productions, which teaches students about water science, the value of water, and the importance of conservation. This production uses funny skits, songs, visual aids, and audience participation as visual, auditory, and kinesthetic modalities to engage students and maximize retention. Over the last year, “Shows That Teach” conducted 17 performances, reaching approximately 4,500 students at elementary schools throughout the service area and within the cities of Chino, Chino Hills, Fontana, Ontario, and Upland.



- Water Discovery Field Trip Program** IEUA continues to provide free educational fieldtrips to schools at the Chino Creek Wetlands and Educational Park (partially funded by a grant from the State Water Resources Control Board) to promote the public understanding of the value of natural treatment wetlands, the creation of habitat for endangered/sensitive species and environmental stewardship. A busing mini-grant is offered to all schools within the state of California to take part in the field trip program partially funded by the California Department of Parks and Recreation. During FY 2018-2019, 3,741 Girl Scouts, Boy Scouts, elementary and high school students took part in the water discovery fieldtrip.



- Community Outreach** IEUA participated in the following community outreach activities in coordination with member agencies:
  - San Bernardino County Water Conference
  - Landscape and Water Conservation Festival
  - Cucamonga Valley Water District's Earth Day
  - Earth Day at the Chino Creek Wetlands and Educational Park
  - Smart Irrigation Month Hose Nozzle Giveaway
- San Bernardino County Water Conference** The County of San Bernardino, along with sponsors, promoted a water conference at the Double Tree Hotel in the city of Ontario on August 10, 2018.

- IEUA's Social Media Outreach** IEUA continues to offer updates via Facebook, YouTube, Twitter, Instagram, and two educational blogs. IEUA has created an Instagram page, @ieuawater, as well as the Chino Creek Wetlands and Educational Park (CCWEP), @chinocreekwetlands. On the IEUA and CCWEP social media platforms, we can provide up-to-the-minute information on events, news, education programs, drought updates, water-wise tips, park updates and wildlife facts. The blogs are attached to IEUA's Facebook page and website for outreach messaging as well.



- IEUA's Regional "Water is Life" Student Art/Poster Contest** IEUA hosted its annual "Water is Life" student art/poster contest for grades K-12. The theme "Water is Life" was used to help students express their creativity while focusing on the importance of water. IEUA received over 1,200 entries. The top three winners from each category (K-5; 6-8; 9-12) were sent to MWD and were entered in its regional contest. 5 Winners were chosen from IEUA's service area for the MWD contest: Chloe Fun (5th grade-Deer Canyon Elementary School—Rancho Cucamonga), Hannah T. Guthrie (5th grade-Monte Vista Elementary School—Montclair), Logan T Guthrie (1st grade-Monte Vista Elementary School—Montclair), Samantha Fregoso (10th grade-Don A. Lugo High School—Chino), and Sarah Reveredo (8th grade-Etiwanda Intermediate School—Rancho Cucamonga). The winners were recognized at MWD's awards ceremony in December 2018 and their artwork was featured in the 2019 "Water is Life" calendar.





- **The Solar Cup Competition** was held on May 17-19<sup>th</sup>, 2019 at MWD's Lake Skinner reservoir in Temecula Valley. High school students from surrounding areas designed, built, equipped, and raced solar-powered boats. This competition encourages well-thought out boat design, high speed and endurance, which require participants to utilize an alternative power source in a real-world application. IEUAco-sponsored three teams that include: Chino Hills High School, located in Chino Hills, co-sponsored with the city of Chino Hills; Los Osos High School located in Rancho Cucamonga), co-sponsored with the Cucamonga Valley Water District; and Upland High School, located in Upland, co-sponsored with the city of Upland. The 2019 MWD Solar Cup competition was a successful event for IEUA sponsored schools.



All three high schools were presented with awards:

- Chino High School (Veteran)
  - o 18th Place Overall – Veterans and Rookies
- Upland High School (veteran)
  - o 2nd Place Sprint Race – Inland Region
  - o 11th Place Overall –Veterans and Rookies
- Los Osos High School (Veteran)
  - o 1st Place for Technical Reports – Inland Region
  - o 1st Place Endurance Race – Inland Region
  - o 1st Place Sprint Race – Inland Region
  - o 1st Place Public Service Message – Inland Region
  - o 6th Place Overall – Veterans and Rookies



- **The Water Education - Water Awareness Committee (WEWAC)** promotes the importance of water conservation in southern California through coordination and participation in community outreach projects and providing grant funded opportunities for local educators. Projects include hosting booths at local resource and educational fairs, conducting water education workshops at local primary and secondary schools, offering grant and scholarship opportunities for educators and students, sponsoring an annual water conservation video contest, and sponsoring a broadcast media and digital art contest.
- **IEUA Water Softener Rebate Program** aims to remove residential self-regenerating water softeners within the service area of IEUA and customers are incentivized through a rebate. For FY 18/19 8 water softeners have been removed and customers have received \$4,436.35 in incentives. Over the course of the program, 884 water softeners have been removed and \$523,249.95 in incentives has been paid to program participants. The removal of these devices will save approximately 16.82 acre-feet of water per year in addition to the removal of more than 204.20 tons of salt.

- **Landscape and Water Conservation Festival** was held on October 20, 2018 at the Chino Basin Water Conservation District. The festival educates the public through free, hands-on activities, shows and workshops about the importance of using water wisely. They learn about where our water comes from and how it's used in everything including growing and cooking food, the making of clothes and automobiles.





## IEUA MEMBER AGENCY CONTACT LIST



### **Inland Empire Utilities Agency**

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### **City of Chino**

Joslyn Blakely  
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### **City of Chino Hills**

Jake Loukeh  
(909) 364-2804

### **Ontario Municipal Utilities Co.**

Amy Bonczewski  
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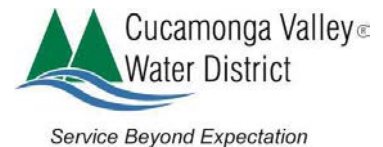


### **City of Upland**

Michelle Madriz  
(909) 291-2935

### **Cucamonga Valley Water District**

Joanna Gonzalez  
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Brianna De la Cruz  
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**Fontana Water Company**  
Patrick Soto  
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**Monte Vista Water District**  
Kelley Donaldson  
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Gabby De La Cruz  
(909) 267-2165



**San Antonio Water Company**  
Roberta Thomas  
(909) 982-4107



**INLAND EMPIRE UTILITIES AGENCY**  
Annual Water Use Efficiency Programs Report  
FY 2018-2019



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	148	1,186,537	4	73	0	8,880	5,920	14,800	40.7
High Efficiency Clothes Washers (HECW)	695	7,814,267	24	336	0	52,125	59,075	111,200	46.4
Rotating Nozzles for Pop-up Spray Heads (51 Apps/ 2,465 Nozzles)	51	3,534,204	11	54	0	7,395	4,930	12,325	4.3
Weather based Irrigation Controllers (WBIC)	562	7,582,650	23	233	0	44,960	44,960	89,920	38.7
Turf Removal (71,257 Sq. Ft.)	57	3,064,051	9	94	2,985	60,340	119,167	182,492	172.6
Rain Barrels	15	9,288	0	0	0	0	525	525	92.2
Cisterns	4	0	0	0	0	0	1,200	1,200	0.0
Soil Moisture Sensor Systems	1	13,492	0	0	0	0	80	80	2.4
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (125 Small/ 38 Large)	163	N/A	N/A	N/A	88,227	0	0	88,227	0.0
Residential Landscape Retrofit Program (125 WBIC / 1,544 Nozzles)	89	7,991,003	25	91	40,231	0	41,873	82,103	42.2
Res. Education, Survey, and Controller Upgrade Program (256 WBIC)	234	3,454,019	11	106	0	97,885	59,994	157,880	134.1
Residential Pressure Regulation Program	396	15,228,655	47	467	0	105,025	100,907	205,932	27.6
<b>Subtotal</b>	<b>2,415</b>	<b>49,878,166</b>	<b>153</b>	<b>1454</b>	<b>\$131,443</b>	<b>\$376,611</b>	<b>\$438,631</b>	<b>\$946,684</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	506	4,056,673	12	249	0	30,360	20,240	50,600	15.3
Waterless Urinals	0	0	0	0	0	0	0	0	0.0
Cooling Tower Controller	2	419,759	1	6	0	750	1,250	2,000	3.9
Weather Based Irrigation Controllers (WBIC)	59	248,042	1	8	0	885	2,065	2,950	24.3
Rotating Nozzles for Pop-up Spray Heads (1 App/ 231 Nozzles)	1	0	0	0	0	3	2	5	0.0
Large Rotary Nozzles	0	0	0	0	0	0	0	0	0.0
Central Computerized Irrigation Controller	0	0	0	0	0	0	0	0	0.0
Laminar Flow Restrictor	0	0	0	0	0	0	0	0	0.0
Air-Cooled Ice Machine	0	0	0	0	0	0	0	0	0.0
Turf Removal (19,801 Sq. Ft.)	5	847,795	3	26	0	18,275	39,602	57,877	56.3
Soil Moisture Sensor Systems	0	0	0	0	0	0	0	0	0.0
Plumbing Flow Control	547	748,723	2	23	0	2,735	2,735	5,470	3.0
<b>Subtotal</b>	<b>1,120</b>	<b>6,320,992</b>	<b>19</b>	<b>312</b>	<b>\$0</b>	<b>\$74,653</b>	<b>\$65,894</b>	<b>\$140,547</b>	
<b>TOTAL</b>	<b>3,535</b>	<b>56,199,158</b>	<b>172</b>	<b>1,766</b>	<b>\$131,443</b>	<b>\$451,264</b>	<b>\$504,525</b>	<b>\$1,087,231</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	161	36,781,074	113	564	\$0.00	\$7,272	\$15,453	\$22,725.00	0.3
<b>TOTAL</b>	<b>3,696</b>	<b>92,980,232</b>	<b>285</b>	<b>2,331</b>	<b>\$131,443</b>	<b>\$458,536</b>	<b>\$519,978</b>	<b>\$1,109,956</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	705	5,652,084	17	347	0	42,300	28,200	70,500	5.3
High Efficiency Clothes Washers (HECW)	923	10,377,797	32	446	0	59,995	78,455	138,450	5.6
Rotating Nozzles for Pop-up Spray Heads (170 Apps/ 13,442 Nozzles)	13,442	19,272,442	59	296	0	40,326	26,884	67,210	1.5
Weather based Irrigation Controllers (WBIC)	311	4,101,647	13	126	0	21,770	24,880	46,650	4.8
Turf Removal (0 Sq. Ft.)	0	0	0	0	0	0	0	0	0.0
Rain Barrels	19	10,527	0	0	0	0	665	665	26.7
Cisterns	35	0	0	0	0	0	10,500	10,500	0.0
Soil Moisture Sensor Systems	0	0	0	0	0	0	0	0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,526	3,622,183	11	56	0	3,877	5,052	8,929	1.0
Residential Landscape Retrofit Program (159 WBIC / 2,421 Nozzles)	108	5,616,235	17	129	51,732	2,069	49,663	103,464	7.8
Residential Education, Survey, and Controller Upgrade Program	145	2,307,176	7	71	0	85,869	16,356	102,225	18.7
Residential Pressure Regulation Program	397	15,267,111	47	468	0	96,999	86,018	183,017	5.1
<b>Subtotal</b>	<b>18,611</b>	<b>66,227,202</b>	<b>203</b>	<b>1938</b>	<b>\$51,732</b>	<b>\$353,205</b>	<b>\$326,673</b>	<b>\$731,610</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	747	5,988,804	18	368	0	44,820	29,880	74,700	5.3
Waterless Urinals	0	0	0	0	0	0	0	0	0.0
Cooling Tower Controller	0	0	0	0	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	47	197,593	1	6	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads (12 Apps/ 14,870 Nozzles)	14,870	21,322,985	65	327	0	29,740	29,740	59,480	1.2
Large Rotary Nozzles	0	0	0	0	0	0	0	0	0.0
Central Computerized Irrigation Controller	0	0	0	0	0	0	0	0	0.0
Laminar Flow Restrictor	0	0	0	0	0	0	0	0	0.0
Air-Cooled Ice Machine	1	50,189	0	2	0	1,000	1,000	2,000	16.8
Turf Removal (0 Sq. Ft.)	0	0	0	0	0	0	0	0	0.0
Soil Moisture Sensor Systems	0	0	0	0	0	0	0	0	0.0
Plumbing Flow Control	1,363	1,865,647	6	45	0	13,630	6,815	20,445	4.6
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	14,050	19,480,086	60	299	0	40,077	28,100	68,177	1.5
<b>Subtotal</b>	<b>31,078</b>	<b>48,905,304</b>	<b>150</b>	<b>1,046</b>	<b>\$0</b>	<b>\$129,267</b>	<b>\$95,535</b>	<b>\$224,802</b>	
<b>TOTAL</b>	<b>49,689</b>	<b>115,132,505</b>	<b>353</b>	<b>2,985</b>	<b>\$51,732</b>	<b>\$482,472</b>	<b>\$422,208</b>	<b>\$956,412</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	104	9,816,108	30	151	\$0.00	\$15,525	\$9,300	\$24,825.00	1.1
<b>TOTAL</b>	<b>49,793</b>	<b>124,948,613</b>	<b>383</b>	<b>3,135</b>	<b>\$51,732</b>	<b>\$497,997</b>	<b>\$431,508</b>	<b>\$981,237</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3,444	27,611,030	85	1,694	\$0	\$249,565	\$137,500	\$387,065	6.1
High Efficiency Clothes Washers (HECW)	690	7,758,050	24	333	\$0	\$14,205	\$58,565	\$72,770	4.1
Rotating Nozzles for Pop-up Spray Heads	4,555	6,530,706	20	100	\$0	\$1,260	\$1,961	\$3,221	0.2
Weather based Irrigation Controllers (WBIC)	334	4,506,415	14	138	\$0	\$9,599	\$26,952	\$36,551	3.6
Turf Removal (255,091 Sq. Ft.)	166	10,807,440	33	332	\$0	\$0	\$478,360	\$478,360	19.4
Rain Barrels	275	170,283	1	3	\$0	\$0	\$19,980	\$19,980	51.4
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,948	4,227,314	13	65	\$0	\$4,770	\$5,896	\$10,666	1.1
Residential Landscape Retrofit Program (239 WBIC / 2,124 Nozzles)	163	6,270,381	19	146	\$75,673	\$2,314	\$73,359	\$151,347	10.6
Residential Education, Survey, and Controller Upgrade Program	153	2,064,316	6	63	\$0	\$66,463	\$28,228	\$94,690	20.1
Residential Pressure Regulation Program	161	2,866,616	13	130	\$0	\$23,821	\$26,244	\$50,065	5.2
<b>Subtotal</b>	<b>12,890</b>	<b>72,812,551</b>	<b>228</b>	<b>3,004</b>	<b>\$75,673</b>	<b>\$371,997</b>	<b>\$857,344</b>	<b>\$1,305,014</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	611	4,898,473	15	301	\$0	\$29,170	\$65,350	\$94,520	8.5
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	2	419,696	1	6	\$0	\$290	\$1,750	\$2,040	2.1
Weather Based Irrigation Controllers (WBIC)	139	584,371	2	18	\$0	\$36,139	\$158,628	\$194,767	146.0
Rotating Nozzles for Pop-up Spray Heads	5,175	7,420,743	23	114	\$0	\$10,350	\$10,350	\$20,700	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	50,189	0	2	\$0	\$1,000	\$1,000	\$2,000	17.5
Turf Removal (637,916 Sq. Ft.)	22	27,026,587	83	829	\$0	\$100,878	\$732,615	\$833,493	13.5
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	1,191	1,630,217	5	50	\$0	\$5,955	\$5,955	\$11,910	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	4,090	5,331,724	16	82	\$0	\$12,270	\$8,180	\$20,450	1.7
<b>Subtotal</b>	<b>11,231</b>	<b>47,362,000</b>	<b>145</b>	<b>1,401</b>	<b>\$0</b>	<b>\$196,052</b>	<b>\$983,828</b>	<b>\$1,179,880</b>	
<b>TOTAL</b>	<b>24,121</b>	<b>120,174,550</b>	<b>373</b>	<b>4,406</b>	<b>\$75,673</b>	<b>\$568,049</b>	<b>\$1,841,172</b>	<b>\$2,484,894</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>IEUA/CBWD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	49	15,966,699	54	270	\$0.00	\$3,406	\$396	\$3,802.00	0.1
<b>TOTAL</b>	<b>24,170</b>	<b>136,141,249</b>	<b>427</b>	<b>4,676</b>	<b>\$75,673</b>	<b>\$571,455</b>	<b>\$1,841,568</b>	<b>\$2,488,696</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3,355	46,469,266	143	2,852	\$0	\$106,819	\$325,974	\$432,794	4.2
High Efficiency Clothes Washers (HECW)	959	10,782,564	33	477	\$0	\$16,900	\$80,240	\$97,140	4.1
Rotating Nozzles for Pop-up Spray Heads	5,173	7,417,842	23	114	\$0	\$0	\$11,182	\$11,182	0.7
Weather based Irrigation Controllers (WBIC)	271	28,703,643	88	881	\$0	\$5,553	\$26,128	\$31,681	0.5
Turf Removal (1,596,789 Sq. Ft.)	813	67,651,160	208	2,076	\$5,000	\$0	\$3,049,732	\$3,054,732	20.4
Rain Barrels	683	422,920	1	7	\$0	\$0	\$32,959	\$32,959	35.2
Soil Moisture Sensor Systems	2	26,985	0	1	\$0	\$42	\$160	\$202	3.4
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	8,755	12,554,320	39	193	\$0	\$14,008	\$17,510	\$31,518	1.1
Residential Landscape Retrofit Program (778 WBIC/9,135 Nozzles)	501	125,539,222	385	3,653	\$239,202	\$0	\$239,202	\$478,405	1.7
Landscape Transformation Program (26,900 Sq. Ft.)	30	1,162,974	4	36	\$8,070	\$81,929	\$0	\$89,999	35.0
Residential Pressure Regulation Program	10	3,910,800	12	120	\$0	\$3,419	\$2,281	\$5,700	0.7
<b>Subtotal</b>	<b>20,552</b>	<b>304,641,696</b>	<b>935</b>	<b>10,408</b>	<b>\$252,272</b>	<b>\$228,670</b>	<b>\$3,785,370</b>	<b>\$4,266,312</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	6,598	91,421,175	281	5,610	\$0	\$225,020	\$815,980	\$1,041,000	5.1
Waterless Urinals	17	679,795	2	42	\$0	\$491	\$3,400	\$3,891	2.6
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	212	22,454,510	69	689	\$0	\$25,596	\$131,399	\$156,995	3.2
Rotating Nozzles for Pop-up Spray Heads	19,391	27,805,918	85	427	\$0	\$8,800	\$72,974	\$81,774	1.3
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	210	1,574,097	5	24	\$0	\$2,100	\$2,100	\$4,200	1.2
Air-Cooled Ice Machine	7	351,320	1	11	\$0	\$1,000	\$5,000	\$6,000	7.7
Turf Removal (3,337,120Sq. Ft.)	116	141,383,763	434	4,338	\$0	\$1,299,068	\$5,486,869	\$6,785,937	21.7
Soil Moisture Sensor Systems	1	0	0	0	\$0	\$0	\$980	\$980	105.4
Plumbing Flow Control	7,874	10,777,774	33	331	\$0	\$24,085	\$24,085	\$48,170	2.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	10,890	14,209,240	44	218	\$0	\$17,212	\$21,780	\$38,992	1.2
<b>Subtotal</b>	<b>45,316</b>	<b>310,657,592</b>	<b>953</b>	<b>11,690</b>	<b>\$0</b>	<b>\$1,603,371</b>	<b>\$6,564,567</b>	<b>\$8,167,938</b>	
<b>TOTAL</b>	<b>65,868</b>	<b>615,299,287</b>	<b>1,888</b>	<b>22,098</b>	<b>\$252,272</b>	<b>\$1,832,041</b>	<b>\$10,349,937</b>	<b>\$12,434,250</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	74	24,112,974	58	289	\$0.00	\$11,618	\$2,357	\$13,975.00	0.3
<b>TOTAL</b>	<b>65,942</b>	<b>639,412,261</b>	<b>1,946</b>	<b>22,387</b>	<b>252,272</b>	<b>1,843,659</b>	<b>10,352,294</b>	<b>12,448,225</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	1,434	19,861,976	61	1,219	\$0	\$71,700	\$143,400	\$215,100	4.7
High Efficiency Clothes Washers (HECW)	980	8,814,943	27	406	\$0	\$49,000	\$98,000	\$147,000	7.2
Rotating Nozzles for Pop-up Spray Heads	1,397	2,003,242	6	31	\$0	\$0	\$5,588	\$5,588	1.2
Weather based Irrigation Controllers (WBIC)	69	7,308,308	22	224	\$0	\$4,830	\$5,520	\$10,350	0.6
Turf Removal (79,670 Sq. Ft.)	78	5,047,181	15	155	\$0	\$0	\$235,430	\$235,430	20.2
Rain Barrels	149	15,781,708	48	484	\$0	\$0	\$11,175	\$11,175	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	16,706	21,777,942	67	334	\$0	\$0	\$60,142	\$60,142	1.2
Residential Landscape Retrofit Program (379 WBIC/5,117 Nozzles)	249	47,581,400	146	1,344	\$119,369	\$0	\$119,369	\$238,738	2.2
Landscape Transformation Program (179,261 Sq. Ft.)	140	2,641,244	8	81	\$37,623	\$131,809	\$251,322	\$420,754	69.1
<b>Subtotal</b>	<b>21,202</b>	<b>130,817,943</b>	<b>401</b>	<b>4,278</b>	<b>\$156,992</b>	<b>\$257,339</b>	<b>\$929,946</b>	<b>\$1,344,277</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2,099	29,072,724	89	1,784	\$0	\$104,950	\$209,900	\$314,850	4.7
Waterless Urinals	9	124,657	0.38	8	\$0	\$1,800	\$1,800	\$3,600	12.5
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	93	9,850,328	30	302	\$0	\$1,395	\$3,255	\$4,650	0.2
Rotating Nozzles for Pop-up Spray Heads	30,810	40,163,916	123	616	\$0	\$30,810	\$123,240	\$154,050	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	65,180	0	1	\$0	\$1,000	\$1,000	\$2,000	13.3
Turf Removal (1,136,334 Sq. Ft.)	95	48,143,063	147.72	1,477	\$0	\$1,054,808.65	\$2,269,228.00	\$3,324,036.65	29.9
<b>Subtotal</b>	<b>33,107</b>	<b>127,419,867</b>	<b>391</b>	<b>4,189</b>	<b>\$0</b>	<b>\$1,194,764</b>	<b>\$2,608,423</b>	<b>\$3,803,187</b>	
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	30,456	39,696,472	122	609	\$0	\$0	\$109,642	\$109,642	1.2
<b>TOTAL</b>	<b>84,765</b>	<b>297,934,282</b>	<b>914</b>	<b>9,076</b>	<b>\$156,992</b>	<b>\$1,452,103</b>	<b>\$3,648,011</b>	<b>\$5,257,105</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	239	77,878,389	282	1408	\$0.00	\$28,000	\$1,224	\$29,224.00	
<b>TOTAL</b>	<b>85,004</b>	<b>375,812,671</b>	<b>1,196</b>	<b>10,484</b>	<b>\$156,992</b>	<b>\$1,480,103</b>	<b>\$3,649,235</b>	<b>\$5,286,329</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	471	6,522,722	20	400	\$0	\$23,550	\$23,550	\$47,100	3.1
High Efficiency Clothes Washers (HECW)	1,083	9,739,947	30	448	\$0	\$70,395	\$92,055	\$162,450	7.2
Rotating Nozzles for Pop-up Spray Heads	1,651	2,367,112	7	36	\$0	\$1,651	\$6,604	\$8,255	1.5
Weather based Irrigation Controllers (WBIC)	60	6,354,095	20	195	\$0	\$4,200	\$4,800	\$9,000	0.6
Rain Barrels	58	6,142,291	19	189	\$0	\$0	\$4,350	\$4,350	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	11,232	14,639,834	45	225	\$0	\$0	\$36,504	\$36,504	1.1
Residential Landscape Retrofit Program (299 WBIC/3,282 Nozzles)	185	36,169,461	111	1,040	\$93,271	\$0	\$93,271	\$186,542	2.2
Landscape Transformation Program (57,889 Sq. Ft.)	65	2,640,846	8	81	\$0	\$104,477	\$73,268	\$177,745	29.2
<b>Subtotal</b>	<b>14,805</b>	<b>84,576,308</b>	<b>260</b>	<b>2,614</b>	<b>\$93,271</b>	<b>\$204,273</b>	<b>\$334,402</b>	<b>\$631,946</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	123	1,703,386	5	105	\$0	\$5,040	\$12,066	\$17,106	4.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	137	14,508,516	45	445	\$0	\$29,732	\$75,737	\$105,469	3.1
Rotating Nozzles for Pop-up Spray Heads	2,930	3,818,974	12	59	\$0	\$2,727	\$11,611	\$14,338	1.6
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	1,486	11,136,935	34	342	\$0	\$14,860	\$14,860	\$29,720	1.2
Air-Cooled Ice Machine	1	65,170	0.20	1	\$0	\$1,000	\$1,000	\$2,000	13.3
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4,677</b>	<b>31,232,981</b>	<b>96</b>	<b>952</b>	<b>\$0</b>	<b>\$53,359</b>	<b>\$115,274</b>	<b>\$168,633</b>	
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	23,032	30,020,001	92	461	\$0	\$0	\$74,854	\$74,854	1.1
<b>TOTAL</b>	<b>42,514</b>	<b>145,829,290</b>	<b>448</b>	<b>4,026</b>	<b>\$93,271</b>	<b>\$257,632</b>	<b>\$524,530</b>	<b>\$875,433</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	83	27,045,633	38	190	\$0.00	\$13,983.00	\$2,242	\$16,225.00	
<b>TOTAL</b>	<b>42,597</b>	<b>172,874,923</b>	<b>486</b>	<b>4,216</b>	<b>\$93,271</b>	<b>\$271,615</b>	<b>\$526,772</b>	<b>\$891,658</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	6	83,092	0.26	5	\$0	\$300	\$300	\$600	3.2
High Efficiency Clothes Washers (HECW)	908	8,166,087	25	376	\$0	\$59,020	\$77,180	\$136,200	7.5
Rotating Nozzles for Pop-up Spray Heads	21	27,371	0.08	0	\$0	\$21	\$84	\$105	1.7
Weather based Irrigation Controllers (WBIC)	44	4,659,669	14	143	\$0	\$3,080	\$3,520	\$6,600	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	18,424	24,013,915	74	368	\$0	\$0	\$59,878	\$59,878	1.1
Residential Landscape Retrofit Program	157	39,102,120	120	1,013	\$78,760	\$12,821	\$91,582	\$183,163	2.1
Landscape Transformation Program (22,455 Sq. Ft.)	27	1,024,378	3	31	\$6,273	\$17,990	\$22,034	\$46,297	20.3
<b>Subtotal</b>	<b>19,587</b>	<b>77,076,633</b>	<b>237</b>	<b>1,937</b>	<b>\$85,033</b>	<b>\$93,232</b>	<b>\$254,578</b>	<b>\$432,843</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	351	4,860,882	15	298	\$25,742	\$12,517	\$17,550	\$55,809	5.1
IEUA Single-Family Direct Install Prog. (HET)	1,389	19,235,799	59	1,181	\$101,869	\$49,532	\$69,450	\$220,851	5.1
<b>Subtotal</b>	<b>1,740</b>	<b>24,096,681</b>	<b>74</b>	<b>1,479</b>	<b>\$127,612</b>	<b>\$62,048</b>	<b>\$87,000</b>	<b>\$276,660</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	12	166,184	1	10	\$0	\$600	\$600	\$1,200	3.2
Waterless Urinals	1	13,849	0.04	1	\$0	\$100	\$200	\$300	9.7
Cooling Tower Controller	4	839,392	3	13	\$0	\$4,000	\$7,000	\$11,000	5.9
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	66	6,989,504	21	215	\$0	\$16,281	\$30,940	\$47,221	3.0
Rotating Nozzles for Pop-up Spray Heads	3,055	3,981,899	12	61	\$0	\$3,055	\$12,220	\$15,275	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	341	2,555,649	8	78	\$0	\$3,410	\$3,410	\$6,820	1.2
Air-Cooled Ice Machine	1	65,170	0.20	1	\$0	\$930	\$1,000	\$1,930	13.3
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	1,764	49,203,501	151	2,880	\$206,033	\$0	\$32,050	\$238,083	2.2
FreeSprinklerNozzles.com Program	35,017	45,641,298	140	700	\$0	\$0	\$113,805	\$113,805	1.1
<b>Subtotal</b>	<b>40,261</b>	<b>109,456,446</b>	<b>336</b>	<b>3,960</b>	<b>\$206,033</b>	<b>\$28,376</b>	<b>\$201,225</b>	<b>\$435,634</b>	
<b>TOTAL</b>	<b>61,588</b>	<b>210,629,761</b>	<b>646</b>	<b>7,376</b>	<b>\$418,678</b>	<b>\$183,656</b>	<b>\$542,803</b>	<b>\$1,145,137</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	48	15,966,699	49	245	\$0.00	\$5,600.00	\$864	\$6,464.00	0.2
<b>TOTAL</b>	<b>61,636</b>	<b>226,596,460</b>	<b>695</b>	<b>7,621</b>	<b>\$418,678</b>	<b>\$189,256</b>	<b>\$543,667</b>	<b>\$1,151,601</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					DWR/Other	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	1,184	10,648,289	33	490	0	\$0	\$100,640	\$100,640	4.5
Rotating Nozzles for Pop-up Spray Heads	778	1,014,048	3	16	0	\$1,556	\$2,334	\$3,890	1.8
Weather Based Irrigation Controllers (WBIC)	67	7,095,406	22	218	0	\$3,015	\$5,360	\$8,375	0.6
FreeSprinklerNozzles.com Program	40,012	52,151,801	160	800	0	\$0	\$75,150	\$75,150	0.7
Residential Landscape Retrofit Program	22	5,865,318	18	160	0	\$14,499	\$12,310	\$26,809	2.2
<b>Subtotal</b>	<b>42,063</b>	<b>76,774,862</b>	<b>236</b>	<b>1684</b>	<b>\$0</b>	<b>\$19,070</b>	<b>\$195,794</b>	<b>\$214,864</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	139	1,924,965	6	118	\$10,194	\$4,957	\$6,950	\$22,101	5.5
IEUA Single-Family Direct Install Prog. (HET)	2,753	38,125,382	117	2340	\$201,905	\$98,172	\$137,650	\$437,727	5.5
<b>Subtotal</b>	<b>2,892</b>	<b>40,050,346</b>	<b>123</b>	<b>2458</b>	<b>\$212,099</b>	<b>\$103,129</b>	<b>\$144,600</b>	<b>\$459,828</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3	\$0	\$140	\$200	\$340	2.9
Waterless Urinals	68	2,718,770	8	167	\$0	\$3,400	\$13,600	\$17,000	3.0
PH Conductivity Controller	1	633,454	2	10	\$0	\$500	\$1,750	\$2,250	1.7
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	66	6,989,504	21	215	\$0	\$11,716	\$22,225	\$33,941	2.3
Rotating Nozzles for Pop-up Spray Heads	4,243	5,530,343	17	85	\$0	\$4,243	\$12,729	\$16,972	1.5
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	2,124	12,708,189	39	635	\$339,942	\$0	\$51,978	\$391,920	14.8
FreeSprinklerNozzles.com Program	10,044	13,091,390	40	201	\$0	\$0	\$30,132	\$30,132	1.1
Central Computerized Irrigation Controller	11	17,470,176	54	536	\$0	\$3,480	\$8,700	\$12,180	0.3
<b>Subtotal</b>	<b>16,561</b>	<b>59,197,221</b>	<b>182</b>	<b>1,851</b>	<b>\$339,942</b>	<b>\$23,479</b>	<b>\$141,314</b>	<b>\$504,735</b>	
<b>TOTAL</b>	<b>61,516</b>	<b>176,022,429</b>	<b>540</b>	<b>5,993</b>	<b>\$552,041</b>	<b>\$145,678</b>	<b>\$481,708</b>	<b>\$1,179,427</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	114	23,135,421	71	355	\$0.00	\$18,750.00	\$15,100	\$33,850.00	0.6
<b>TOTAL</b>	<b>61,630</b>	<b>199,157,850</b>	<b>611</b>	<b>6,348</b>	<b>\$552,041</b>	<b>\$164,428</b>	<b>\$496,808</b>	<b>\$1,213,277</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	105	1,454,110	4	89	\$0	\$3,675	\$5,250	\$8,925	4.0
High Efficiency Clothes Washers (HECW)	2,137	19,219,083	59	885	\$0	\$0	\$181,645	\$181,645	6.2
Rotating Nozzles for Pop-up Spray Heads	1,219	1,588,849	5	24	\$0	\$2,438	\$3,657	\$6,095	2.5
Weather Based Irrigation Controllers (WBIC)	28	2,965,244	9	91	\$0	\$1,260	\$2,240	\$3,500	0.8
Synthetic Turf (9,477 Sq. Ft.)	11	4,622,689	14	142	\$0	\$4,265	\$2,843	\$7,108	1.0
FreeSprinklerNozzles.com Program	24,931	32,500,052	100	499	\$0	\$0	\$74,793	\$74,793	1.5
Residential Landscape Retrofit Program	507	19,879,900	61	553	\$0	\$46,746	\$38,513	\$85,259	2.8
<b>Subtotal</b>	<b>28,938</b>	<b>82,229,928</b>	<b>252</b>	<b>2,283</b>	<b>\$0</b>	<b>\$58,384</b>	<b>\$308,941</b>	<b>\$367,325</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Mult-Family Direct Install Prog. (HET)	1,428	19,775,897	61	1,214	\$104,730	\$50,922	\$71,400	\$227,052	7.5
<b>Subtotal</b>	<b>1,428</b>	<b>19,775,897</b>	<b>61</b>	<b>1,214</b>	<b>\$104,730</b>	<b>\$50,922</b>	<b>\$71,400</b>	<b>\$227,052</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	31	429,309	1	26	\$0	\$1,085	\$1,550	\$2,635	4.0
Waterless Urinals	238	9,515,696	29	584	\$0	\$11,900	\$47,600	\$59,500	4.1
PH Conductivity Controller	5	3,167,272	10	49	\$0	\$2,500	\$8,750	\$11,250	2.3
Weather Based Irrigation Controllers (WBIC)	46	4,871,472	15	150	\$0	\$10,715	\$24,975	\$35,690	4.8
Synthetic Turf (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	3,069	4,000,147	12	61	\$0	\$3,069	\$9,207	\$12,276	2.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	1,899	28,679,200	88	709	\$321,643	\$0	\$33,900	\$355,543	8.1
<b>Subtotal</b>	<b>5,288</b>	<b>50,663,096</b>	<b>155</b>	<b>1,579</b>	<b>\$321,643</b>	<b>\$29,269</b>	<b>\$125,982</b>	<b>\$476,894</b>	
<b>TOTAL</b>	<b>35,654</b>	<b>152,668,921</b>	<b>468</b>	<b>5,075</b>	<b>\$426,373</b>	<b>\$138,575</b>	<b>\$506,323</b>	<b>\$1,071,271</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	121	56,372,223	173	865	\$0.00	\$18,750.00	\$15,100	\$33,850.00	0.4
<b>TOTAL</b>	<b>35,775</b>	<b>209,041,144</b>	<b>641</b>	<b>5,940</b>	<b>\$426,373</b>	<b>\$157,325</b>	<b>\$521,423</b>	<b>\$1,105,121</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	477	6,605,814	20	405	\$0	\$16,695	\$23,850	\$40,545	4.0
High Efficiency Clothes Washers (HECW)	512	4,604,666	14	212	\$0	\$25,600	\$56,320	\$81,920	11.6
Rotating Nozzles for Pop-up Spray Heads	575	749,457	2	12	\$0	\$1,150	\$2,300	\$3,450	3.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3	33	\$0	\$450	\$800	\$1,250	0.8
Water Wise Landscape (Turf Buy Back) (1,830 Sq. Ft.)	2	83,483	0.26	3	\$0	\$3,228	\$0	\$3,228	25.3
Synthetic Turf (41,748 Sq. Ft.)	32	4,621,994	14	142	\$0	\$18,787	\$12,524	\$31,311	4.4
<b>Subtotal</b>	<b>1,608</b>	<b>17,724,431</b>	<b>54</b>	<b>806</b>	<b>\$0</b>	<b>\$65,910</b>	<b>\$95,794</b>	<b>\$161,704</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Mult-Family Direct Install Prog. (HET)	410	5,677,954	17	349	\$30,069	\$14,621	\$67,650	\$112,340	12.9
<b>Subtotal</b>	<b>410</b>	<b>5,677,954</b>	<b>17</b>	<b>349</b>	<b>\$30,069</b>	<b>\$14,621</b>	<b>\$67,650</b>	<b>\$112,340</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	7	86,448	0.27	5	\$0	\$0	\$420	\$420	3.2
High Efficiency Toilets (HET)	308	4,265,390	13	262	\$0	\$41,580	\$50,820	\$92,400	14.2
Waterless Urinals	284	11,354,865	35	697	\$0	\$0	\$113,600	\$113,600	6.5
High Efficiency Clothes Washers	33	296,785	1	9	\$0	\$3,300	\$2,640	\$5,940	13.1
Water Brooms	1	49,986	0.15	1	\$0	\$0	\$150	\$150	2.0
Weather Based Irrigation Controllers (WBIC)	102	10,801,961	33	332	\$0	\$28,605	\$60,212	\$88,817	5.4
Synthetic Turf (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	11,320	14,754,533	45	226	\$0	\$0	\$45,280	\$45,280	2.0
Pre-Rinse Spray Head Nozzles	1	49,855	0.15	1	\$0	\$0	\$60	\$60	0.8
<b>Subtotal</b>	<b>12,056</b>	<b>41,659,822</b>	<b>128</b>	<b>1,533</b>	<b>\$0</b>	<b>\$73,485</b>	<b>\$273,182</b>	<b>\$346,667</b>	
<b>TOTAL</b>	<b>14,074</b>	<b>65,062,206</b>	<b>200</b>	<b>2,687</b>	<b>\$30,069</b>	<b>\$154,015</b>	<b>\$436,626</b>	<b>\$620,711</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>Additional Grant Reimbursements</b>									
Phase III Landscape Evaluation Program	105	98,586,220	303	3,026	\$0	\$59,250	\$22,722	\$81,972	0.5
<b>TOTAL (Grant+Main)</b>	<b>14,179</b>	<b>163,648,427</b>	<b>502</b>	<b>5,712</b>	<b>\$30,069</b>	<b>\$213,265</b>	<b>\$459,348</b>	<b>\$702,683</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	4	49,399	0.15	3	\$0	\$0	\$240	\$240	3.2
High Efficiency Toilets (HET)	2,096	29,026,807	89	1,782	\$0	\$0	\$345,840	\$345,840	7.8
High Efficiency Clothes Washers (HECW)	1,191	10,711,244	33	493	\$0	\$0	\$131,010	\$131,010	8.0
Rotating Nozzles for Pop-up Spray Heads	958	1,248,661	4	19	\$0	\$0	\$3,832	\$3,832	2.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3	33	\$0	\$0	\$800	\$800	0.5
Water Wise Landscape (Turf Buy Back) (159,759 Sq. Ft.)	117	7,288,068	22	224	\$0	\$206,799	\$0	\$206,799	18.5
Synthetic Turf (101,317 Sq. Ft.)	114	4,621,994	14	142	\$0	\$30,395	\$30,395	\$60,790	8.6
<b>Subtotal</b>	<b>4,490</b>	<b>54,005,189</b>	<b>166</b>	<b>2,695</b>	<b>\$0</b>	<b>\$237,194</b>	<b>\$512,117</b>	<b>\$749,311</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Mult-Family Direct Install Prog. (HET)	1,682	23,293,459	71	1,430	\$123,358	\$59,980	\$277,530	\$460,868	12.9
<b>Subtotal</b>	<b>1,682</b>	<b>23,293,459</b>	<b>71</b>	<b>1,430</b>	<b>\$123,358</b>	<b>\$59,980</b>	<b>\$277,530</b>	<b>\$460,868</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0	0	\$0	\$0	\$0	\$0	0.0
ULFT Tank	1	12,350	0.04	1	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	1,554	21,520,829	66	1,321	\$0	\$209,790	\$256,410	\$466,200	14.2
Waterless Urinals	332	13,273,997	41	815	\$0	\$0	\$132,800	\$132,800	6.5
Conductivity Controller	4	839,392	3	13	\$0	\$175	\$2,500	\$2,675	2.1
High Efficiency Clothes Washers	19	170,876	1	5	\$0	\$1,900	\$1,520	\$3,420	13.1
Water Brooms	5	249,928	1	4	\$0	\$0	\$750	\$750	2.0
Weather Based Irrigation Controllers (WBIC)	57	6,036,390	19	185	\$0	\$0	\$38,133	\$38,133	4.1
Cooling Tower Controller	2	87,817	0.27	3	\$0	\$578	\$578	\$1,155	8.6
Rotating Nozzles for Pop-up Spray Heads	43	56,046	0.17	1	\$0	\$0	\$172	\$172	2.0
Large Rotary Nozzles	120	703,838	2	22	\$0	\$0	\$1,560	\$1,560	1.4
Pre-Rinse Spray Head Nozzles	31	1,545,511	5	24	\$0	\$0	\$1,860	\$1,860	0.8
<b>Subtotal</b>	<b>2,168</b>	<b>44,496,974</b>	<b>137</b>	<b>2,392</b>	<b>\$0</b>	<b>\$212,443</b>	<b>\$436,343</b>	<b>\$648,785</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3	\$0	\$0	\$1,285	\$1,285	15.2
Waterless Urinals	2	81,463	0.25	5	\$0	\$0	\$1,071	\$1,071	8.6
Water Brooms	49	2,449,292	8	38	\$0	\$0	\$16,706	\$16,706	4.5
Weather Based Irrigation Controllers (WBIC)	73	14,486,358	44	445	\$0	\$0	\$121,036	\$121,036	5.5
Central Computer Irrigation Controllers (CCIC)	515	166,470,759	511	5,109	\$0	\$0	\$2,103,868	\$2,103,868	8.3
Synthetic Turf (185,612 Sq. Ft.)	2	4,243,072	26	260	\$0	\$0	\$139,209	\$139,209	10.7
<b>Subtotal</b>	<b>645</b>	<b>187,786,338</b>	<b>589</b>	<b>5,859</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,383,175</b>	<b>\$2,383,175</b>	
<b>TOTAL</b>	<b>8,985</b>	<b>309,581,960</b>	<b>963</b>	<b>12,376</b>	<b>\$123,358</b>	<b>\$509,617</b>	<b>\$3,609,165</b>	<b>\$4,242,139</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>Additional Grant Reimbursements</b>									
Phase III Landscape Evaluation Program	135	251,231,121	771	7,710	\$54,596.90	\$0	\$66,346.40	\$120,943.30	0.3
<b>TOTAL (Grant+Main)</b>	<b>9,120</b>	<b>560,813,081</b>	<b>1,734</b>	<b>20,086</b>	<b>\$177,955</b>	<b>\$509,617</b>	<b>\$3,675,511</b>	<b>\$4,363,082</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	110	1,358,473	4	83	\$0	\$0	\$6,600	\$6,600	3.5
High Efficiency Toilets (HET)	93	1,287,926	4	79	\$0	\$0	\$15,345	\$15,345	8.5
High Efficiency Clothes Washers (HECW)	1,547	13,912,925	43	640	\$0	\$0	\$170,170	\$170,170	8.7
Rotating Nozzles for Pop-up Spray Heads	1,193	1,554,961	5	24	\$0	\$0	\$4,772	\$4,772	2.2
Weather Based Irrigation Controllers (WBIC)	25	2,647,539	8	81	\$0	\$4,000	\$2,000	\$6,000	1.6
Water Wise Landscape (Turf Buy Back) (21,506 Sq. Ft.)	20	981,085	3	30	\$0	\$43,012	\$0	\$43,012	31.2
Synthetic Turf (61,970 Sq. Ft.)	68	2,827,018	9	87	\$0	\$18,591	\$18,591	\$37,182	9.4
<b>Subtotal</b>	<b>3,056</b>	<b>24,569,928</b>	<b>75</b>	<b>1,025</b>	<b>\$0</b>	<b>\$65,603</b>	<b>\$217,478</b>	<b>\$283,081</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Mult-Family Direct Install Prog. (HET/ULFT)	4,213	52,029,509	160	1,597	\$308,981	\$150,236	\$252,780	\$711,997	9.7
<b>Subtotal</b>	<b>4,213</b>	<b>52,029,509</b>	<b>160</b>	<b>1,597</b>	<b>\$308,981</b>	<b>\$150,236</b>	<b>\$252,780</b>	<b>\$711,997</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0	0	\$0	\$0	\$0	\$0	0.0
ULFT Tank	9	111,148	0.34	7	\$0	\$0	\$1,215	\$1,215	7.8
High Efficiency Toilets (HET)	1,916	26,534,047	81	1,629	\$0	\$258,660	\$316,140	\$574,800	15.4
Waterless Urinals	606	24,229,042	74	1,487	\$0	\$0	\$242,400	\$242,400	7.1
Conductivity Controller	12	2,518,177	8	39	\$0	\$2,100	\$7,500	\$9,600	2.7
High Efficiency Clothes Washers	48	431,687	1	13	\$0	\$13,920	\$6,240	\$20,160	33.2
Water Brooms	1	49,986	0	1	\$0	\$0	\$150	\$150	2.1
Weather Based Irrigation Controllers (WBIC)	6	635,409	2	20	\$0	\$0	\$3,780	\$3,780	4.2
Synthetic Turf (32,525 Sq. Ft.)	4	1,483,763	5	46	\$0	\$9,758	\$9,758	\$19,515	9.4
Rotating Nozzles for Pop-up Spray Heads	65	84,721	0	1	\$0	\$0	\$260	\$260	2.2
<b>Subtotal</b>	<b>2,667</b>	<b>56,077,980</b>	<b>172</b>	<b>3,242</b>	<b>\$0</b>	<b>\$284,438</b>	<b>\$587,443</b>	<b>\$871,880</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	56	2,238,987	7	137	\$0	\$0	\$68,600	\$68,600	21.8
Water Brooms	98	4,898,583	15	75	\$0	\$0	\$37,240	\$37,240	5.4
Weather Based Irrigation Controllers (WBIC)	42	6,377,556	20	196	\$0	\$0	\$42,168	\$42,168	4.7
Central Computer Irrigation Controllers (CCIC)	36	9,654,313	30	296	\$0	\$0	\$112,464	\$112,464	8.3
<b>Subtotal</b>	<b>232</b>	<b>23,169,440</b>	<b>71</b>	<b>705</b>	<b>\$0</b>	<b>\$0</b>	<b>\$260,472</b>	<b>\$260,472</b>	
<b>TOTAL</b>	<b>10,168</b>	<b>155,846,856</b>	<b>478</b>	<b>6,568</b>	<b>\$308,981</b>	<b>\$500,276</b>	<b>\$1,318,173</b>	<b>\$2,127,430</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	179	2,210,606	6.78	135.68	\$0	\$0	\$10,740	\$10,740	3.7
High Efficiency Toilets (HET)	14	193,881	0.60	11.90	\$0	\$0	\$2,310	\$2,310	9.1
High Efficiency Clothes Washers (HECW)	1,456	13,094,518	40.19	602.78	\$0	\$0	\$160,160	\$160,160	9.3
Rotating Sprinkler Nozzles	158	205,938	0.63	3.16	\$0	\$0	\$632	\$632	2.3
Weather Based Irrigation Controllers (WBIC) - Rebate	33	3,494,752	10.73	107.25	\$0	\$5,280	\$2,640	\$7,920	1.7
Weather Based Irrigation Controllers (WBIC) - Distribution	330	34,947,520	107.25	1,072.50	\$0	\$0	\$79,200	\$79,200	1.7
<b>Subtotal</b>	<b>2,170</b>	<b>54,147,215</b>	<b>166</b>	<b>1,933</b>	<b>\$0</b>	<b>\$5,280</b>	<b>\$255,682</b>	<b>\$260,962</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	10,132	125,127,696	384	7,680	\$673,848	\$327,644	\$551,280	\$1,552,772	9.5
<b>Subtotal</b>	<b>10,132</b>	<b>125,127,696</b>	<b>384</b>	<b>7,680</b>	<b>\$673,848</b>	<b>\$327,644</b>	<b>\$551,280</b>	<b>\$1,552,772</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	4	49,399	0.15	3.03	\$0	\$60	\$540	\$600	9.3
ULFT Tank	379	4,680,556	14.36	287.28	\$0	\$5,685	\$51,165	\$56,850	9.3
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$45	\$165	\$210	11.6
Zero Water Urinal	97	3,878,246	11.90	238.04	\$0	\$0	\$38,800	\$38,800	7.6
Conductivity Controller	4	839,392	2.58	12.88	\$0	\$0	\$2,500	\$2,500	2.3
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$9,800	\$18,200	\$28,000	17.0
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.3
Weather Based Irrigation Controllers (WBIC)	16	1,694,425	5.20	52.00	\$0	\$0	\$10,080	\$10,080	4.5
<b>Subtotal</b>	<b>642</b>	<b>12,464,941</b>	<b>38</b>	<b>653</b>	<b>\$0</b>	<b>\$15,590</b>	<b>\$121,600</b>	<b>\$137,190</b>	
<b>TOTAL</b>	<b>12,944</b>	<b>191,739,852</b>	<b>588</b>	<b>10,266</b>	<b>\$673,848</b>	<b>\$348,514</b>	<b>\$928,562</b>	<b>\$1,950,924</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,640	20,253,595	62	1,243	\$0	\$10,660	\$98,400	\$109,060	4.1
IEUA Regional Event (ULFT)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	531	6,557,719	20	402	\$0	\$563	\$32,580	\$33,176	3.9
High Efficiency Clothes Washers	1,365	12,276,111	38	565	\$0	\$1,186	\$140,910	\$142,191	8.8
<b>Subtotal</b>	<b>3,536</b>	<b>39,087,424</b>	<b>120</b>	<b>2,211</b>	<b>\$0</b>	<b>\$12,409</b>	<b>\$271,890</b>	<b>\$284,427</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	6000	74,098,517	227	4,548	\$0	\$495,004	\$287,160	\$782,164	8.1
<b>Subtotal</b>	<b>6,000</b>	<b>74,098,517</b>	<b>227</b>	<b>4,548</b>	<b>\$0</b>	<b>\$495,004</b>	<b>\$287,160</b>	<b>\$782,164</b>	<b>8.1</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	1133	13,992,270	43	859	\$0	\$914	\$67,980	\$58,036	3.2
Conductivity Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	83	746,459	2	34	\$0	\$0	\$20,750	\$20,750	21.2
Water Brooms	3	149,957	0.46	2	\$0	\$0	\$300	\$300	1.5
Pre-Rinse Spray Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	22	2,329,835	7	107	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,241</b>	<b>17,218,521</b>	<b>53</b>	<b>1,003</b>	<b>\$0</b>	<b>\$914</b>	<b>\$69,030</b>	<b>\$79,086</b>	
<b>TOTAL</b>	<b>10,777</b>	<b>130,404,462</b>	<b>400</b>	<b>7,761</b>	<b>\$0</b>	<b>\$507,413</b>	<b>\$648,080</b>	<b>\$1,145,677</b>	
<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	726	8,965,921	28	550	\$0	\$4,719	\$43,560	\$48,279	4.1
IEUA Regional Event (ULFT)	796	9,830,403	30	603	\$0	\$8,756	\$47,760	\$56,516	4.4
IEUA Rebate Program (ULFT)	643	7,940,891	24	487	\$0	\$643	\$38,580	\$39,223	3.8
High Efficiency Clothes Washers	1888	16,979,705	52	782	\$0	\$1,888	\$207,680	\$209,568	9.4
Pool Cover Rebates	58	990,607	3	15	\$0	\$5,035	\$0	\$5,035	3.9
<b>Subtotal</b>	<b>4,111</b>	<b>44,707,527</b>	<b>137</b>	<b>2,438</b>	<b>\$0</b>	<b>\$21,041</b>	<b>\$337,580</b>	<b>\$358,621</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	4187	51,708,415	159	3,174	\$0	\$439,635	\$251,220	\$690,855	10.2
<b>Subtotal</b>	<b>4,187</b>	<b>51,708,415</b>	<b>159</b>	<b>3,174</b>	<b>\$0</b>	<b>\$439,635</b>	<b>\$251,220</b>	<b>\$690,855</b>	<b>10.2</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	5	61,749	0.19	4	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	2	419,696	1	6	\$0	\$0	\$1,000	\$1,000	1.8
High Efficiency Clothes Washers	26	233,831	1	11	\$0	\$0	\$6,500	\$6,500	21.2
Water Brooms	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	1	49,855	0.15	1	\$0	\$0	\$50	\$50	0.8
X-Ray Film Processor (MWD CII)	6	6,256,339	19	96	\$0	\$0	\$12,000	\$12,000	1.5
<b>Subtotal</b>	<b>40</b>	<b>7,021,470</b>	<b>22</b>	<b>118</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,550</b>	<b>\$19,550</b>	
<b>TOTAL</b>	<b>8,338</b>	<b>103,437,412</b>	<b>317</b>	<b>5,729</b>	<b>\$0</b>	<b>\$460,676</b>	<b>\$608,350</b>	<b>\$1,069,026</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,377	17,005,610	52	1,044	\$0	\$2,734	\$81,940	\$84,674	3.8
IEUA Regional Event (ULFT)	1,613	19,920,151	61	1,223	\$0	\$17,743	\$96,780	\$114,523	4.4
IEUA Rebate Program (ULFT)	1,446	17,857,743	55	1,096	\$0	\$1,446	\$86,760	\$88,206	3.8
High Efficiency Clothes Washers	1,776	15,972,434	49	735	\$0	\$1,823	\$200,530	\$202,353	9.7
Pool Cover Rebates	231	6,412,748	20	98	\$0	\$12,243	\$0	\$12,243	1.5
<b>Subtotal</b>	<b>6,443</b>	<b>77,168,686</b>	<b>237</b>	<b>4,196</b>	<b>\$0</b>	<b>\$35,989</b>	<b>\$466,010</b>	<b>\$501,999</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	2,101	25,946,831	80	1,593	\$0	\$71,434	\$126,060	\$197,494	5.8
<b>Subtotal</b>	<b>2,101</b>	<b>25,946,831</b>	<b>80</b>	<b>1,593</b>	<b>\$0</b>	<b>\$71,434</b>	<b>\$126,060</b>	<b>\$197,494</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	111	998,277	3	61	\$0	\$0	\$27,750	\$27,750	0.0
Water Brooms (Rebates)	210	10,496,964	32	161	\$0	\$20,100	\$21,000	\$41,100	3.0
Water Brooms (Distribution)	113	5,648,366	17	87	\$0	\$10,600	\$11,300	\$21,900	3.0
Pre-Rinse Spray Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>434</b>	<b>17,143,608</b>	<b>53</b>	<b>309</b>	<b>\$0</b>	<b>\$30,700</b>	<b>\$60,050</b>	<b>\$90,750</b>	
<b>TOTAL</b>	<b>8,978</b>	<b>120,259,124</b>	<b>369</b>	<b>6,098</b>	<b>\$0</b>	<b>\$138,123</b>	<b>\$652,120</b>	<b>\$790,243</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,692	20,895,782	64	1,283	\$0	\$3,540	\$106,200	\$109,740	4.0
IEUA Regional Event (ULFT)	1,052	12,991,940	40	797	\$0	\$11,286	\$61,560	\$72,846	4.3
IEUA Rebate Program (ULFT)	198	2,445,251	8	150	\$0	\$198	\$11,880	\$12,078	3.8
High Efficiency Clothes Washers	1,395	12,545,915	39	578	\$0	\$1,476	\$162,360	\$163,836	10.0
Pool Cover Rebates	235	9,984,075	31	153	\$0	\$12,455	\$0	\$12,455	1.0
<b>Subtotal</b>	<b>4,572</b>	<b>58,862,963</b>	<b>181</b>	<b>2,961</b>	<b>\$0</b>	<b>\$28,955</b>	<b>\$342,000</b>	<b>\$370,955</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	891	11,003,630	34	675	\$0	\$33,728	\$59,520	\$93,248	6.5
<b>Subtotal</b>	<b>891</b>	<b>11,003,630</b>	<b>34</b>	<b>675</b>	<b>\$0</b>	<b>\$33,728</b>	<b>\$59,520</b>	<b>\$93,248</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	148	1,331,036	4	61	\$0	\$0	\$37,000	\$37,000	21.2
Water Brooms	62	3,099,104	10	48	\$0	\$6,600	\$6,600	\$13,200	3.3
Pre-Rinse Spray Nozzles	462	23,033,104	71	353	\$0	\$0	\$23,100	\$23,100	0.8
X-Ray Film Processor (MWD CII)	13	13,555,402	42	208	\$0	\$0	\$26,000	\$26,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>685</b>	<b>41,018,645</b>	<b>126</b>	<b>670</b>	<b>\$0</b>	<b>\$6,600</b>	<b>\$92,700</b>	<b>\$99,300</b>	
<b>TOTAL</b>	<b>6,148</b>	<b>110,885,238</b>	<b>340</b>	<b>4,306</b>	<b>\$0</b>	<b>\$69,283</b>	<b>\$494,220</b>	<b>\$563,503</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

## Regional WUE Business Plan Goal Compared to Annual WUE Program Actuals FY 2018/19

Activity	Metric	FY 2018-2019 Goal	FY 2018-2019 Actual	Variance
<b>SoCal Water\$mart Residential Rebates</b>				
High Efficiency Toilets (HET)	Devices	0	148	148
High Efficiency Clothes Washers (HECW)	Devices	500	695	195
Rotating Nozzles for Pop-up Spray Heads	Devices	11,000	2,465	-8,535
Weather based Irrigation Controllers (WBIC)	Devices	50	562	512
Turf Removal	Sq. Ft.	0	73,154	73,154
Rain Barrels	Devices	50	15	-35
Cisterns	Devices	0	4	4
Soil Moisture Sensor Systems	Devices	0	1	1
<b>IEUA Locally Implemented Residential Programs</b>				
Landscape Tune-Up Program	Sites	0	163	163
Residential Landscape Retrofit Program	Sites	250	89	-161
Res Education, Survey, and Controller Upgrade Program	Sites	500	234	-266
Residential Pressure Regulation Program	Devices	0	396	396
<b>SoCal Water\$mart Commercial Rebates</b>				
High Efficiency Toilets (HET)	Devices	0	506	506
Waterless Urinals	Devices	0	0	0
Cooling Tower Controller	Devices	10	2	-8
Weather Based Irrigation Controllers (WBIC)	Devices	50	59	9
Rotating Nozzles for Pop-up Spray Heads	Devices	11,000	231	-10,769
Large Rotary Nozzles	Devices	0	0	0
Central Computerized Irrigation Controller	Devices	0	0	0
Laminar Flow Restrictor	Devices	0	0	0
Air-Cooled Ice Machine	Devices	0	0	0
Turf Removal	Sq. Ft.	0	17,289	17,289
Soil Moisture Sensor Systems	Devices	0	0	0
Plumbing Flow Control	Devices	0	547	547
ULFV	Devices	0	0	0



**Inland Empire Utilities Agency  
List of Member Agencies  
Alliance for Water Efficiency Membership Dues**

Program	Fiscal Year	Chino	CH	CVWD	Fontana	MVWD	Ontario	SAWC	Upland	Total
AWE DUES	2018-2019	\$500.00	\$500.00	\$715.82	\$582.62	\$500.00	\$500.00	\$0.00	\$500.00	<b>\$3,798.44</b>
AWE DUES	2017-2018	\$500.00	\$500.00	\$715.82	\$582.62	\$500.00	\$500.00	\$500.00	\$500.00	<b>\$4,298.44</b>
AWE DUES	2016-2017	\$500.00	\$500.00	\$715.82	\$582.62	\$500.00	\$500.00	\$500.00	\$500.00	<b>\$4,298.44</b>
AWE DUES	2014-2015	\$500.00	\$500.00	\$715.82	\$582.62	\$500.00	\$500.00	\$500.00	\$500.00	<b>\$4,298.44</b>
AWE DUES	2013-2014	\$200.00	\$210.98	\$477.21	\$388.41	\$200.00	\$329.23	\$200.00	\$200.00	<b>\$2,205.83</b>
AWE DUES	2010-2013	\$200.00	\$210.98	\$477.21	\$388.41	\$200.00	\$329.23	\$200.00	\$200.00	<b>\$2,205.83</b>
AWE DUES	<b>Total</b>	<b>\$1,900.00</b>	<b>\$1,921.96</b>	<b>\$3,101.88</b>	<b>\$2,524.68</b>	<b>\$1,900.00</b>	<b>\$2,158.46</b>	<b>\$1,900.00</b>	<b>\$1,900.00</b>	<b>\$17,306.98</b>

**Inland Empire Utilities Agency  
List of Member Agencies  
California Urban Water Conservation Council/ California Water Efficiency Partnership Dues**

Program	Fiscal Year	Chino	CH	CVWD	Fontana	MVWD	Ontario	SAWC	Upland	Total
CUWCC/ Cal Wep Dues	2019	\$3,638.42	\$3,422.58	\$5,309.65	\$3,673.54	\$3,016.65	\$4,441.80	\$0.00	\$3,544.20	<b>\$27,046.84</b>
CUWCC/ Cal Wep Dues	2018	\$3,274.58	\$3,080.32	\$4,778.68	\$3,339.58	\$3,016.48	\$3,997.62	\$0.00	\$3,189.78	<b>\$24,677.04</b>
CUWCC/ Cal Wep Dues	2017	\$3,638.42	\$3,422.58	\$5,309.65	\$3,710.64	\$3,016.65	\$4,441.80	\$0.00	\$3,544.20	<b>\$27,083.94</b>
CUWCC/ Cal Wep Dues	2016	\$3,638.42	\$3,422.58	\$5,309.65	\$3,710.64	\$3,016.65	\$4,441.80	\$0.00	\$3,544.20	<b>\$27,083.94</b>
CUWCC/ Cal Wep Dues	2015	\$3,638.42	\$3,422.57	\$5,309.65	\$7,424.43	\$2,994.14	\$4,394.11	\$0.00	\$3,544.20	<b>\$30,727.52</b>
CUWCC/ Cal Wep Dues	2014	\$3,549.08	\$3,338.23	\$5,091.22	\$3,619.91	\$2,921.05	\$4,285.76	\$1,647.63	\$3,442.71	<b>\$27,895.59</b>
CUWCC/ Cal Wep Dues	2013	\$3,549.08	\$3,463.83	\$5,089.69	\$7,201.75	\$3,758.91	\$4,313.29	\$0.00	\$3,442.71	<b>\$30,819.26</b>
CUWCC/ Cal Wep Dues	2012	\$1,774.54	\$1,731.91	\$2,544.85	\$1,800.44	\$1,472.46	\$2,156.64	\$788.91	\$1,682.36	<b>\$13,952.11</b>
CUWCC/ Cal Wep Dues	2011	\$1,738.91	\$1,731.91	\$2,672.43	\$1,846.54	\$1,480.82	\$2,340.91	\$786.12	\$1,760.43	<b>\$14,358.07</b>
CUWCC/ Cal Wep Dues	2010	\$1,738.91	\$1,731.92	\$2,672.43	\$1,846.54	\$1,480.82	\$2,340.91	\$786.12	\$1,760.43	<b>\$14,358.08</b>
CUWCC/ Cal Wep Dues	2007-2009	\$1,732.92	\$1,731.90	\$2,672.43	\$1,846.54	\$1,500.77	\$2,340.90	\$786.11	\$1,760.42	<b>\$14,371.99</b>
CUWCC/ Cal Wep Dues	<b>Total</b>	<b>\$28,273.28</b>	<b>\$27,077.75</b>	<b>\$41,450.68</b>	<b>\$36,347.01</b>	<b>\$24,658.75</b>	<b>\$35,053.74</b>	<b>\$4,794.89</b>	<b>\$27,671.44</b>	<b>\$225,327.54</b>

**Member Agency Locally Implemented Programs**  
**Water-Use Efficiency Support Tools**  
**Landscape Design Services**

**FY 2018-2019**

<b>MA Locally Implemented Programs</b>		
<b>Member Agency</b>	<b>Programs</b>	<b>Amount</b>
<i>City of Chino</i>	N/A	N/A
<i>City of Chino Hills</i>	N/A	N/A
<i>Cucamonga Valley Water District</i>	N/A	N/A
<i>Fontana Water Company</i>	N/A	N/A
<i>Monte Vista Water District</i>	Commercial High Efficiency Nozzle Retrofit Program	\$19,786.50
<i>City of Ontario</i>	N/A	N/A
<i>San Antonio Water Company</i>	N/A	N/A
<i>City of Upland</i>	N/A	N/A
<b>Total</b>	<b>1</b>	<b>\$19,786.50</b>

<b>Water-Use Efficiency Support Tools</b>		
<b>Member Agency</b>	<b>Water-Use Efficiency Support Tools</b>	<b>Amount</b>
<i>City of Chino</i>	N/A	N/A
<i>City of Chino Hills</i>	N/A	N/A
<i>Cucamonga Valley Water District</i>	N/A	N/A
<i>Fontana Water Company</i>	N/A	N/A
<i>Monte Vista Water District</i>	Water and Wastewater Rate Study	\$10,000.00
<i>City of Ontario</i>	N/A	N/A
<i>San Antonio Water Company</i>	N/A	N/A
<i>City of Upland</i>	N/A	N/A
<b>Total</b>	<b>1</b>	<b>\$10,000.00</b>

<b>Landscape Design Services</b>		
<b>Member Agency</b>	<b>Sites</b>	<b>Amount</b>
<i>City of Chino</i>	0	\$0
<i>City of Chino Hills</i>	14	\$3,360
<i>Cucamonga Valley Water District</i>	4	\$960
<i>Fontana Water Company</i>	8	\$1,920
<i>Monte Vista Water District</i>	0	\$0
<i>City of Ontario</i>	0	\$0
<i>San Antonio Water Company</i>	0	\$0
<i>City of Upland</i>	4	\$960
<b>Total</b>	<b>30</b>	<b>\$7,200</b>

## CBWCD - Landscape Evaluation Program Performance

### FY 18/19

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	4	1	2.83	6.21
City of Chino Hills	15	39	47.0	26.06
CVWD	11	0	1.32	1.82
FWC	0	0	0	0.00
MVWD	10	4	6.82	19.71
City of Ontario	9	17	19.76	2.38
SAWC	1	0	0.14	0.00
City of Upland	28	22	30.43	56.68
<b>TOTAL</b>	<b>78</b>	<b>83</b>	<b>108.30</b>	<b>112.86</b>

### FY 17/18

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	6	0	0.39	0.44
City of Chino Hills	12	29	44.7	14.94
CVWD	5	1	1.73	0.93
FWC	1	0	0.04	0.17
MVWD	8	1	1.64	1.63
City of Ontario	3	2	0.92	2.20
SAWC	5	0	0.91	0.25
City of Upland	30	1	4.54	9.57
<b>TOTAL</b>	<b>70</b>	<b>34</b>	<b>54.87</b>	<b>30.12</b>

### FY 16/17

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	4	0	0.17	0.99
City of Chino Hills	4	0	0.72	0.45
CVWD	12	0	1.47	0.55
FWC	3	0	0.2	0.06
MVWD	8	0	0.63	0.72
City of Ontario	4	7	8.33	49.38
SAWC	1	0	0.16	0.00
City of Upland	6	0	0.43	1.59
<b>TOTAL</b>	<b>42</b>	<b>7</b>	<b>12.10</b>	<b>53.74</b>

## CBWCD - Landscape Evaluation Program Performance

### FY 15/16

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	4	2	2.94	11.54
City of Chino Hills	9	0	0.54	0.42
CVWD	16	0	1.40	2.53
FWC	6	0	0.73	0.50
MVWD	15	1	3.76	6.78
City of Ontario	7	7	8.62	33.77
SAWC	1	0	0.16	1.11
City of Upland	6	0	0.62	1.17
<b>TOTAL</b>	<b>64</b>	<b>10</b>	<b>18.77</b>	<b>57.82</b>

### FY 14/15

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	17	3	6.04	19.00
City of Chino Hills	33	26	32.46	43.22
CVWD	33	12	16.46	34.02
FWC	6	0	0.39	0.72
MVWD	32	1	3.20	7.55
City of Ontario	19	41	49.95	161.86
SAWC	5	0	0.86	3.04
City of Upland	9	2	3.20	12.02
<b>TOTAL</b>	<b>154</b>	<b>85</b>	<b>112.56</b>	<b>281.43</b>

### FY 13/14

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	2	0	0.22	0.10
City of Chino Hills	11	1	2.98	7.75
CVWD	7	0	1.46	2.9
FWC	7	0	0.65	1.46
MVWD	21	0	2.13	4.03
City of Ontario	18	3	4.63	12.16
SAWC	2	0	0.58	0.52
City of Upland	11	0	2.66	8.85
<b>TOTAL</b>	<b>79</b>	<b>4</b>	<b>15.31</b>	<b>37.77</b>



## CBWCD - Landscape Evaluation Program Performance

### FY 12/13

Member Agency	Total Site Audits		Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
	SFR	CII		
City of Chino	1	0	0.08	0.01
City of Chino Hills	2	0	0.81	0.00
CVWD	26	3	9.17	38.55
FWC	2	0	0.06	0.52
MVWD	7	0	1.75	3.33
City of Ontario	1	0	0.04	0.73
SAWC	4	0	1.87	3.33
City of Upland	2	0	0.59	2.84
<b>TOTAL</b>	<b>45</b>	<b>3</b>	<b>14.37</b>	<b>49.31</b>

### FY 11/12

Member Agency	Total CII Sites Audits	Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
City of Chino	4	0.26	0.54
MVWD	26	6.97	9.74
City of Ontario	13	8.68	12.15
City of Upland	19	14.63	16.25
CVWD	11	2.15	12.75
FWC	9	1.98	16.59
City of Chino Hills	3	1.53	1.65
SAWC	7	1.97	1.78
IEUA Facilities	22	25.35	no meters - N/A
<b>TOTAL</b>	<b>114</b>	<b>64.47</b>	<b>71.40</b>

### FY 10/11

Member Agency	Total CII Sites Audits	Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
City of Chino	2	2.72	3.40
MVWD	17	2.04	9.73
City of Ontario	4	2.99	10.34
City of Upland	19	3.87	16.12
CVWD	11	36.16	85.73
FWC	4	4.16	18.29
City of Chino Hills	11	6.47	27.16
SAWC	4	2.19	2.24
IEUA Facilities	6	25.35	no meters - N/A
<b>TOTAL</b>	<b>78</b>	<b>85.95</b>	<b>173.01</b>

## CBWCD - Landscape Evaluation Program Performance

### FY 09/10

Member Agency	Total CII Sites Audits	Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
City of Chino	14	30.93	56.86
MVWD	17	9.12	70.89
City of Ontario	5	5.39	33.42
City of Upland	12	7.97	30.57
CVWD	51	56.37	103.45
FWC	1	1.11	5.20
City of Chino Hills	5	2.72	2.18
SAWC	0	0.00	0.00
<b>TOTAL</b>	<b>105</b>	<b>113.61</b>	<b>302.57</b>

### FY 08/09

Member Agency	Total CII Sites Audits	Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
City of Chino	46	75.14	281.41
MVWD	28	40.03	113.86
City of Ontario	17	64.53	71.93
City of Upland	16	25.38	133.63
CVWD	20	25.94	104.53
FWC	2	0.97	8.40
City of Chino Hills	6	57.21	68.51
SAWC	0	0.00	0.00
<b>TOTAL</b>	<b>135</b>	<b>289.20</b>	<b>782.27</b>

### FY 07/08

Member Agency	Total CII Sites Audits	Total Irrigated Acreage Audited	Total Potential Water Savings (AF/YR)
City of Chino	5	7.43	4.41
MVWD	13	20.60	120.08
City of Ontario	1	0.07	1.00
City of Upland	5	8.15	70.94
CVWD	0	0.00	0.00
FWC	0	0.00	0.00
City of Chino Hills	0	0.00	0.00
SAWC	0	0.00	0.00
<b>TOTAL</b>	<b>24</b>	<b>36.25</b>	<b>196.43</b>

## Summary of IEUA Sponsored Residential Landscape Classes

### FY 2018/19

Member Agency	Class Description	# of Classes
<b>FY 18-19</b>		
Cucamonga Valley Water District	Landscape Design and Preparation Water Wise Landscaping 101 Water Efficient Plants & Composting	3
Fontana Water Company	Mini Class (Gardening Intro) Irrigation Systems, Watering & Water Capture Landscape Design & Water-Efficient Plants Mulching & Composting & Soil Plant Maintenance & Pruning & More	6
City of Upland	Edible Gardening Turf Removal Workshop	2
	<b>TOTAL</b>	<b>11</b>

### FY 2017/18

Member Agency	Class Description	# of Classes
<b>FY 17-18</b>		
Cucamonga Valley Water District	Irrigation and Water Capture Water Wise Plants Prep and Design	3
Fontana Water Company	Gardening Introduction Landscape Design Irrigation and Water Capture Water-Efficient Plant Class Plant Maintenance, Pruning, and Mulch	6
City of Upland	Landscape Training Workshop Water Saving for Life	2
	<b>TOTAL</b>	<b>11</b>

### FY 2016/17

Member Agency	Class Description	# of Classes
<b>FY 16-17</b>		
City of Chino Hills	Take Control of Your Landscape	1
Cucamonga Valley Water District	Turf Removal Preparation & Design Efficient Irrigation	5
Fontana Water Company	Landscape Design Basics Water Efficient/Native Plants Mini Class Irrigation & Water Capture	8
City of Upland	Autumn Landscape Heaven*	1
City of Ontario	Preparation & Design Landscape Design Irrigation & Water Capture Water Efficient Plants & Landscape Design	4
	<b>TOTAL</b>	<b>19</b>

## Summary of IEUA Sponsored Residential Landscape Classes

### FY 2015/16

Member Agency	Class Description	# of Classes
<b>FY 15-16</b>		
City of Chino Hills	Irrigation	1
Cucamonga Valley Water District	Irrigation Basics Advanced Irrigation Preparation & Design Efficient Irrigation Water Wise Plants Maintaing Your Drought Tolerant Garden	5
Fontana Water Company	Landscape Design Basics Landscape Training Classes Mini Class Irrigation & Water Capture Composting & Mulching Preparation & Design	6
Monte Vista Water District	Regional Landscape Training Class Drought Response	2
City of Upland	Landscape Workshop Drought & El Nino Composting & Mulching	3
City of Ontario	Composting, Water Management & Pest Control	1
	<b>TOTAL</b>	<b>18</b>

### FY 2014/15

Member Agency	Class Description	# of Classes
<b>FY 14-15</b>		
Cucamonga Valley Water District	Prep and Design Water-Wise Plants Mini Workshops Efficient Irrigation, Pruning, and Maintenance Water Efficient Plants Mini Class Water Efficient Irrigation Systems Irrigation Basics	12
City of Chino Hills	Efficient Irrigation, Pruning, and Maintenance	1
City of Ontario	Compositing, Mulch, & Trouble Spots Mini Class Water-Wise Basics Prep and Design	4
Fontana Water Company	Compositing, Mulch, & Trouble Spots Maintaining, Pruning & Pest Management Water Efficient Plants Landscape Design Basics Mini Class	8
Monte Vista Water District	The Basics (English and Spanish)	3
	<b>TOTAL</b>	<b>28</b>



## Summary of IEUA Sponsored Residential Landscape Classes

**FY 2013/14**

<b>Member Agency</b>	<b>Class Description</b>	<b># of Classes</b>
<b>FY 13-14</b>		
City of Chino	Composting, Mulch, & Trouble Spots	1
City of Chino Hills	Landscape Design Basics Water-Efficient Plants	2
City of Upland	Landscape Preparation & Design Water-Wise Plants & Irrigation	2
Cucamonga Valley Water District	Water-Efficient Plants Pruning and Maintenance Prep & Design Efficient Irrigation Water-Wise Plants & Irrigation	6
Fontana Water Company	Landscape Design Basics Water-Efficient Plants Mini-Class Composting, Mulching & Water Maintenance, Pruning & Pest-Management	9
Monte Vista Water District	Mini-Class Maintenance, Pruning & Pest-Management The Basics (Spanish)	3
	<b>TOTAL</b>	<b>23</b>

## Summary of IEUA Sponsored Residential Landscape Classes

**FY 2012/13**

<b>Member Agency</b>	<b>Class Description</b>	<b># of Classes</b>
<b>FY 12-13</b>		
City of Chino Hills	The Basics	1
City of Ontario	Landscape Design and Preparation Water Wise Workshops (The Basics) in Spanish	2
City of Upland	Let's Go Native Maintaining, Pruning, and Pest Management	2
Cucamonga Valley Water District	Efficient Irrigation Systems, Scheduling, & Mtc Prep and Design Efficient Irrigation Systems, Scheduling, & Mtc Prep and Design Efficient Irrigation Systems, Scheduling, & Mtc Water Wise Plants Water Wise Plants	7
Fontana Water Company	Mini-Class Landscape Design Basics Water Efficient Plants Mini-Class Landscape Design Basics Water Efficient Plants	6
Monte Vista Water District	Landscape Design and Preparation California Friendly Plants	2
	<b>TOTAL</b>	<b>20</b>

## Summary of IEUA Sponsored Residential Landscape Classes

### FY 2011/12

Member Agency	Class Description	# of Classes
<b>FY 11-12</b>		
City of Chino	Mini-Class	1
City of Ontario	Edible Landscaping Water-Efficient Plants Landscape Design & Preparation Water Wise Workshop (The Basics) in Spanish	4
City of Upland	Professional Landscapers in Spanish Professional Landscapers Composting, Mulching, Trouble Spots Water-Efficient Plants Efficient Irrigation Systems, Scheduling & Mtc Landscape Design Basics Plant Class Efficient Irrigation Systems, Scheduling & Mtc Let's Go Native	9
Cucamonga Valley Water District	Mini-Class Water Efficient Plants Efficient Irrigation Systems, Scheduling & Mtc Design and Plant Selection Efficient Irrigation Systems, Scheduling & Mtc Plants and Design Irrigation Water Efficient Plants & Design Efficient Irrigation Systems, Scheduling & Mtc Prep and Design Efficient Irrigation Systems, Scheduling & Mtc	10

### FY 2011/12 Cont.

Member Agency	Class Description	# of Classes
<b>FY 11-12</b>		
Fontana Water Company	Mini- Class Landscape Design Basics Water-Efficient Plants Mini- Class Mini- Class Maintaining, Pruning & Pest Management Composting, Mulching & Soils Mini-Class Landscape Design Basics Water-Efficient Plants	10
Monte Vista Water District	Landscape Design Basics Composting, Mulching & Trouble Spots Maintaining, Pruning & Pest Management	3
<b>TOTAL</b>		<b>37</b>

## Summary of IEUA Sponsored Residential Landscape Classes

**FY 2010/11**

Member Agency	Class Description	# of Classes
<b>FY 10-11</b>		
City of Chino Hills	Mini-Class	1
City of Ontario	Edible Landscaping Native Plants	2
City of Upland	Professional Landscapers in Spanish Professional Landscapers	2
Cucamonga Valley Water District	Mini-Class Native Plants Water Efficient Plants Water Efficient Irrig Systems, Sched & Mtc.	4
Monte Vista Water District	Landscape Design Basics Native Plants	2
<b>TOTAL</b>		<b>11</b>

**FY 2009/10**

Member Agency	Class Description	# of Classes
<b>FY 09-10</b>		
City of Chino Hills	Mini-Class	1
City of Ontario	Mini-Class	1
City of Upland	Mini-Class	2
Cucamonga Valley Water District	Mini-Class	2
Monte Vista Water District	Individual 1 Design & Individual 3 Systems	2
<b>TOTAL</b>		<b>8</b>

\* **Mini** classes cover information on the basics of efficient irrigation systems, the benefits of properly watering and fertilizing landscaping, landscape design techniques and plant identification.

\* **Individual 1 Design** classes cover information on landscape design techniques.

\* **Individual 3 Systems** classes cover information on the basics of efficient irrigation systems.



Summary of Water Education/Community Outreach Program Results  
FY 2002-2019

Program	# Schools	# Students	# Teachers	Funding
<b>FY 18-19</b>				
National Theatre for Children	50	21,530	922	\$ 52,000
Garden In Every School	3	766	70	\$ 12,412
Shows That Teach	9	4,500	0	\$ 7,105
<b>FY 17-18</b>				
National Theatre for Children	50	20,388	890	\$ 52,000
Garden In Every School	*12	11,183	481	\$ 10,689
Shows That Teach	13	6,875	0	\$ 11,200
<b>FY 16-17</b>				
National Theatre for Children	51	22,772	958	\$ 53,040
Garden In Every School	4	4,896	33	\$ 18,000
Shows That Teach	18	10,206	410	\$ 14,895
<b>FY 15-16</b>				
National Theatre for Children	50	26,896	1,094	\$ 54,000
Garden In Every School	*6	5,640	209	\$ 40,137
Shows That Teach	16	8,704	363	\$ 15,100
<b>FY 14-15</b>				
National Theatre for Children	51	26,680	1,117	\$ 54,000
Garden In Every School	3	850	22	\$ 15,348
Shows That Teach	13	4,685	203	\$ 9,675
<b>FY 13-14</b>				
National Theatre for Children	53	25,119	839	\$ 53,800
Garden In Every School	*23	16,500	50	\$ 16,237
<b>FY 12-13</b>				
National Theatre for Children	54	28,350	1,140	\$ 51,100
Garden In Every School	4	11,008	167	\$ 30,000
<b>FY 11-12</b>				
National Theatre for Children	52	23,538	929	\$ 51,100
Garden In Every School	4	7,672	297	\$ 30,000
Demonstration Garden (IEUA)	4	150	7	\$ 2,000
<b>FY 10-11</b>				
National Theatre for Children	52	24,344	948	\$ 51,100
Garden In Every School	4	5,426	208	\$ 25,240
Demonstration Garden (IEUA)	4	150	7	\$ 7,000
<b>FY 09-10</b>				
National Theatre for Children	50	22,686	959	\$ 48,700
Garden In Every School	4	3,142	145	\$ 12,000
Demonstration Garden (IEUA)				\$ 7,000
<b>FY 08-09</b>				
National Theatre for Children	50	51,285	939	\$ 46,400
Garden In Every School	6	2,969	158	\$ 27,000

Summary of Water Education/Community Outreach Program Results  
FY 2002-2019

Program	# Schools	# Students	# Teachers	Funding
FY 07-08				
National Theatre for Children	50	22,645	718	\$ 44,178
Garden In Every School	6	2,070	112	\$ 49,468
FY 06-07				
National Theatre for Children	50	20,190	608	\$ 43,100
Garden In Every School	7	1,781	42	\$ 34,098
FY 05-06				
National Theatre for Children	50	22,341	1,016	\$ 40,000
IEUA PDA Classes	0	0	0	\$ -
Garden In Every School	7	1,960	46	\$ 46,691
FY 04-05				
National Theatre for Children	50	19,955	906	\$ 39,200
IEUA PDA Classes	0	0	0	\$ -
Garden In Every School	7	1,690	34	\$ 44,244
FY 03-04				
Think Magic! It's Earth	18	7,929	349	\$ 39,053
IEUA PDA Classes	0	0	0	\$ -
FY 02-03				
Think Magic! It's Earth	17	8,359	374	\$ 33,802
IEUA PDA Classes	0	0	0	\$ -
<b>TOTAL</b>	<b>934</b>	<b>507,830</b>	<b>17,770</b>	<b>\$ 1,292,112</b>
*\$1,000 mini-grant awarded to participating schools to support the sustainability of existing gardens				

## Garden In Every School® Program Participants

**2004-2019**

<b>Schools &amp; City</b>
<b>FY 18-19</b>
Hillside High School (Upland)
St. George Parish (Ontario)
Valley View High School (Ontario)
<b>FY 17-18</b>
Briggs Elementary (Chino)*
Country Springs Elementary (Chino Hills)*
Hidden Trails Elementary (Chino Hills)*
Rolling Ridge Elementary (Chino Hills)*
Townsend Junior High (Chino Hills)*
Truman Middle School (Fontana)*
Citrus Elementary (Fontana)*
Montclair High School (Montclair)*
Arroyo Elementary (Ontario)*
Grapeland Elementary (Rancho Cucamonga)*
Stork Elementary (Rancho Cucamonga)*
Pepper Tree Elementary (Upland)*
<b>FY 16-17</b>
Arroyo Elementary (Ontario)
Montclair High School (Montclair)
Rolling Ridge Elementary (Chino Hills)
Townsend Junior High School (Chino Hills)
<b>FY 15-16</b>
Cortez Elementary (Chino)
Eagle Canyon Elementary (Chino Hills)
Citrus Elementary (Fontana)
Truman Middle School (Fontana)
Golden Elementary (Rancho Cucamonga)*
Etiwanda Colony (Rancho Cucamonga)*
<b>FY 14-15</b>
Cal Aero Academy (Chino)
Country Springs Elementary (Chino Hills)
Cypress Elementary (Fontana)

\*Existing IEUA sponsored gardens that  
received a \$1,000 garden mini-grant.

## Garden In Every School® Program Participants (cont.)

**2004-2018**

<b>Schools &amp; City</b>	
<b>FY 13-14</b>	
Newman Elementary (Chino)	
Oxford Preparatory Academy (Chino)	
Butterfield Ranch Elementary (Chino Hills)	
Chaparral Elementary (Chino Hills)	
Hidden Trails Elementary (Chino Hills)	
Alta Loma Elementary (Alta Loma)	
Coyote Canyon Elem. (Rancho Cucamonga)	
Grapeland Elementary (Etiwanda)	
Jasper Elementary (Rancho Cucamonga)	
Rancho Cucamonga High School (Rancho Cucamonga)	
Perdew Elementary (Etiwanda)	
Stork Elementary (Alta Loma)	
Grant Elementary (Fontana)	
North Tamarind Elementary (Fontana)	
Oak Park Elementary (Fontana)	
Briggs Fundamental School (Chino)	
LeHigh Elementary (Montclair)	
Liberty Elementary (Ontario)	
Ontario Center School (Ontario)	
Ranch View Elementary (Ontario)	
Redeemer Lutheran (Ontario)	
Baldy View Elementary (Upland)	
Pepper Tree Elementary (Upland)	
<b>FY 12-13</b>	
Vina Danks Middle School (Ontario)	
Edison Academy (Ontario)	
Etiwanda Intermediate (Rancho Cucamonga)	
Sultana Elementary School (Ontario)	
<b>FY 11-12</b>	
Monte Vista Elementary (Montclair)	
Redeemer Lutheran School (Ontario)	
Los Osos High School (Rancho Cucamonga)	
Upland High School (Upland)	

## Garden In Every School® Program Participants (cont.)

**2004-2018**

<b>Schools &amp; City</b>
<b>FY 10-11</b>
Lyle S. Briggs Fundamental (Chino)
Oxford Preparatory Academy (Chino)
Montera Elementary (Montclair)
Rancho Cucamonga High School (Rancho Cucamonga)
<b>FY 09-10</b>
Baldy View Elementary (Upland)
Howard Cattle Elementary (Chino)
Mariposa Elementary (Ontario)
Stork Elementary (Alta Loma)
<b>FY 08-09</b>
Anna Borba Fundamental Elementary (Chino)
Glenmeade Elementary (Chino Hills)
Grapeland Elementary (Etiwanda)
Jasper Elementary (Alta Loma)
Perdew Elementary (Etiwanda)
The Ontario Center School (Ontario)
<b>FY 07-08</b>
EJ Marshall Elementary (Chino)
Chaparral Elementary (Chino Hills)
Our Lady of Lourdes (Montclair)
Peppertree Elementary (Upland)
Los Amigos Elementary (Rancho Cucamonga)
Oak Park Elementary (Fontana)
<b>FY 06-07</b>
El Rancho Elementary (Chino)
Litel Elementary (Chino Hills)
Liberty Elementary (Ontario)
Buena Vista Arts Integrated Elementary (Montclair)
Sycamore Elementary (Upland)
Victoria Groves Elementary (Rancho Cucamonga)
Poplar Elementary (Fontana)



## Garden In Every School® Program Participants (cont.)

**2004-2018**

<b>Schools &amp; City</b>	
<b>FY 05-06</b>	
Newman Elementary (Chino)	
Hidden Trails Elementary (Chino Hills)	
Ranch View Elementary (Ontario)	
Foothill Knolls Elementary (Upland)	
Coyote Canyon Elementary (Rancho Cucamonga)	
North Tamarind Elementary (Fontana)	
<b>FY 04-05</b>	
Rhodes Elementary (Chino)	
Butterfield Ranch Elementary (Chino Hills)	
Euclid Elementary (Ontario)	
Lehigh Elementary (Montclair)	
Magnolia Elementary (Upland)	
Alta Loma Elementary (Rancho Cucamonga)	
Grant Elementary (Fontana)	

### BMP Support Grant Summary

FY 18-19	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$2,000.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$2,000.00
Monte Vista Water District	\$2,000.00
City of Ontario	\$0.00
San Antonio Water Company	\$0.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$10,000.00</b>

FY 17-18	
Retail Agency	Amount
City of Chino	\$2,000.00
City of Chino Hills	\$2,000.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$2,000.00
City of Ontario	\$2,000.00
San Antonio Water Company	\$0.00
City of Upland	\$0.00
<b>Total</b>	<b>\$10,000.00</b>

FY 16-17	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$2,000.00
Monte Vista Water District	\$0.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$8,000.00</b>

## BMP Support Grant Summary

FY 15-16	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$2,000.00
Monte Vista Water District	\$0.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$0.00
<b>Total</b>	<b>\$6,000.00</b>

FY 14-15	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$2,000.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$2,000.00
Monte Vista Water District	\$2,000.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$12,000.00</b>

FY 13-14	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$2,000.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$0.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$0.00
<b>Total</b>	<b>\$6,000.00</b>

### BMP Support Grant Summary

FY 12-13	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$0.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$6,000.00</b>

FY 11-12	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$2,000.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$2,000.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$0.00
<b>Total</b>	<b>\$8,000.00</b>

FY 10-11	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$0.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$0.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$4,000.00</b>

## BMP Support Grant Summary

FY 09-10	
Retail Agency	Amount
City of Chino	\$0.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$0.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$0.00
City of Ontario	\$0.00
San Antonio Water Company	\$0.00
City of Upland	\$0.00
<b>Total</b>	<b>\$0.00</b>

FY 08-09	
Retail Agency	Amount
City of Chino	\$2,000.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$2,000.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$10,000.00</b>

FY 07-08	
Retail Agency	Amount
City of Chino	\$2,000.00
City of Chino Hills	\$0.00
Cucamonga Valley Water District	\$2,000.00
Fontana Water Company	\$0.00
Monte Vista Water District	\$2,000.00
City of Ontario	\$0.00
San Antonio Water Company	\$2,000.00
City of Upland	\$2,000.00
<b>Total</b>	<b>\$10,000.00</b>



**CITY OF CHINO**  
**Annual Water Use Efficiency Programs Report**  
**FY 2018-2019**



# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	20	160,343	0	10	\$0	\$1,200	\$800	\$2,000	5.1
High Efficiency Clothes Washers (HECW)	63	708,344	2	30	\$0	\$4,725	\$5,355	\$10,080	5.8
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	26	350,799	1	11	\$0	\$2,080	\$2,080	\$4,160	4.8
Turf Removal (4,986 Sq. Ft.)	3	214,398	1	7	\$0	\$3,852	\$9,972	\$13,824	26.3
Rain Barrels	1	619	0	0	\$0	\$0	\$35	\$35	23.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (1 Small Site/ 0 Large Sites)	1	13,655	0	0	\$541	\$0	\$0	\$541	16.2
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (2 WBIC)	2	26,985	0	1	\$0	\$837	\$513	\$1,349	20.4
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>116</b>	<b>1,475,142</b>	<b>8</b>	<b>59</b>	<b>\$541</b>	<b>\$12,694</b>	<b>\$18,755</b>	<b>\$31,990</b>	<b>5.2</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	16,816	0.05	1	\$0	\$60	\$140	\$200	4.9
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>16,816</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$60</b>	<b>\$140</b>	<b>\$200</b>	
<b>TOTAL</b>	<b>120</b>	<b>1,491,959</b>	<b>8</b>	<b>59</b>	<b>\$541</b>	<b>\$12,754</b>	<b>\$18,895</b>	<b>\$32,190</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	7	56,120	0	3	\$0	\$420	\$280	\$700	5.3
High Efficiency Clothes Washers (HECW)	67	753,318	2	32	\$0	\$4,355	\$5,695	\$10,050	5.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 30 Nozzles)	30	43,012	0	1	\$0	\$90	\$60	\$150	1.5
Weather based Irrigation Controllers (WBIC)	24	323,814	1	10	\$0	\$1,680	\$1,920	\$3,600	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	23.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$528.50 Total Cost)	151	216,528	1	3	\$0	\$227	\$302	\$529	1.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	2	0	0	0	\$958	\$38	\$920	\$1,916	0.0
Residential Education, Survey, and Controller Upgrade Program (5 WBIC)	4	67,461	0	2	\$0	\$2,369	\$451	\$2,820	17.7
Residential Pressure Regulation Program	7	269,193	1	8	\$0	\$1,710	\$1,517	\$3,227	5.1
<b>Subtotal</b>	<b>294</b>	<b>1,730,685</b>	<b>5</b>	<b>60</b>	<b>\$958</b>	<b>\$10,889</b>	<b>\$11,215</b>	<b>\$23,062</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	80	641,371	2	39	\$0	\$4,800	\$3,200	\$8,000	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	8,408	0.03	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>82</b>	<b>649,779</b>	<b>2</b>	<b>40</b>	<b>\$0</b>	<b>\$4,800</b>	<b>\$3,200</b>	<b>\$8,000</b>	
<b>TOTAL</b>	<b>376</b>	<b>2,380,465</b>	<b>7</b>	<b>100</b>	<b>\$958</b>	<b>\$15,689</b>	<b>\$14,415</b>	<b>\$31,062</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	40	320,686	1	20	\$0	\$3,080	\$1,480	\$4,560	6.2
High Efficiency Clothes Washers (HECW)	77	865,753	3	37	\$0	\$1,690	\$6,545	\$8,235	4.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	22	296,830	1	9	\$0	\$376	\$1,754	\$2,130	3.1
Turf Removal (22,224 Sq. Ft.)	15	941,564	3	29	\$0	\$0	\$44,448	\$44,448	20.7
Rain Barrels	7	4,334	0.01	0.07	\$0	\$0	\$525	\$525	53.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	200	286,792	1	4	\$0	\$320	\$400	\$720	1.1
Residential Landscape Retrofit Program (2 WBIC/0 Nozzles)	1	26,985	0.08	1	\$510	\$0	\$510	\$1,021	16.6
Residential Education, Survey, and Controller Upgrade Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>362</b>	<b>2,742,944</b>	<b>8</b>	<b>100</b>	<b>\$510</b>	<b>\$5,466</b>	<b>\$55,662</b>	<b>\$61,639</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	110	881,885	3	54	\$0	\$300	\$15,425	\$15,725	7.8
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (121,375 Sq. Ft.)	4	5,142,295	16	158	\$0	\$4,963	\$140,023	\$144,986	12.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>114</b>	<b>6,024,180</b>	<b>18</b>	<b>212</b>	<b>\$0</b>	<b>\$5,263</b>	<b>\$155,448</b>	<b>\$160,711</b>	
<b>TOTAL</b>	<b>476</b>	<b>8,767,124</b>	<b>27</b>	<b>312</b>	<b>\$510</b>	<b>\$10,729</b>	<b>\$211,111</b>	<b>\$222,350</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	183	2,534,687	8	156	\$0	\$4,884	\$17,915	\$22,799	4.1
High Efficiency Clothes Washers (HECW)	76	854,510	3	39	\$0	\$1,430	\$6,460	\$7,890	4.2
Rotating Nozzles for Pop-up Spray Heads	102	146,242	0	2	\$0	\$0	\$385	\$385	1.2
Weather based Irrigation Controllers (WBIC)	12	1,271,010	4	39	\$0	\$178	\$940	\$1,118	0.4
Turf Removal (44,912 Sq. Ft.)	25	1,902,787	6	58	\$0	\$0	\$86,424	\$86,424	20.5
Rain Barrels	16	9,907	0.03	0.15	\$0	\$0	\$1,200	\$1,200	54.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	108	154,868	0	2	\$0	\$173	\$216	\$389	1.1
Residential Landscape Retrofit Program (58 WBIC/245 Nozzles)	38	6,504,312	20	194	\$17,044	\$0	\$17,044	\$34,089	2.3
Landscape Transformation Program (2,400 Sq. Ft.)	3	109,502	0.34	3	\$720	\$7,554	\$0	\$8,274	32.7
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>563</b>	<b>13,487,825</b>	<b>41</b>	<b>494</b>	<b>\$17,764</b>	<b>\$14,218</b>	<b>\$130,585</b>	<b>\$162,567</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	253	3,504,240	11	215	\$0	\$11,550	\$30,450	\$42,000	5.2
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	29	3,071,608	9	94	\$0	\$2,340	\$37,239	\$39,579	5.6
Rotating Nozzles for Pop-up Spray Heads	5,350	7,671,686	24	118	\$0	\$0	\$21,400	\$21,400	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (409,006 Sq. Ft.)	11	17,328,357	53	532	\$0	\$97,945	\$578,136	\$676,082	16.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	2,206	3,019,529	9	93	\$0	\$11,030	\$11,030	\$22,060	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>7,849</b>	<b>34,595,419</b>	<b>106</b>	<b>1,051</b>	<b>\$0</b>	<b>\$122,865</b>	<b>\$678,255</b>	<b>\$801,121</b>	
<b>TOTAL</b>	<b>8,412</b>	<b>48,083,244</b>	<b>148</b>	<b>1,546</b>	<b>\$17,764</b>	<b>\$137,084</b>	<b>\$808,840</b>	<b>\$963,688</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	89	1,232,717	4	76	\$0	\$4,450	\$4,450	\$8,900	3.1
High Efficiency Clothes Washers (HECW)	86	773,556	2	36	\$0	\$5,590	\$7,310	\$12,900	7.2
Rotating Nozzles for Pop-up Spray Heads	82	117,585	0	2	\$0	\$82	\$328	\$410	1.5
Weather based Irrigation Controllers (WBIC)	2	211,835	1	7	\$0	\$140	\$160	\$300	0.6
Turf Removal (4,710 Sq. Ft.)	3	198,799	0.6	6	\$0	\$0	\$9,420	\$9,420	20.5
Rain Barrels	10	1,059,175	3	33	\$0	\$0	\$750	\$750	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	332	432,795	1	7	\$0	\$0	\$4,320	\$4,320	4.3
Residential Landscape Retrofit Program (47 WBIC/516 Nozzles)	32	5,716,286	18	164	\$29,305	\$0	\$29,305	\$58,610	4.4
Landscape Transformation Program (13,900 Sq. Ft.)	16	255,460	1	8	\$0	\$19,206	\$27,800	\$47,006	79.7
<b>Subtotal</b>	<b>652</b>	<b>9,998,208</b>	<b>31</b>	<b>337</b>	<b>\$29,305</b>	<b>\$29,468</b>	<b>\$83,843</b>	<b>\$142,615</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	200	2,770,150	9	170	\$0	\$10,000	\$10,000	\$20,000	3.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	23	2,436,103	7	75	\$0	\$729	\$1,483	\$2,212	0.4
Rotating Nozzles for Pop-up Spray Heads	3,051	3,977,284	12	61	\$0	\$90	\$185	\$275	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (52,644 Sq. Ft.)	4	2,231,216	6.8	68	\$0	\$52,644	\$108,288	\$160,932	31.3
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>3,278</b>	<b>11,414,752</b>	<b>35</b>	<b>374</b>	<b>\$0</b>	<b>\$63,463</b>	<b>\$119,956</b>	<b>\$183,420</b>	
<b>TOTAL</b>	<b>3,930</b>	<b>21,412,960</b>	<b>66</b>	<b>712</b>	<b>\$29,305</b>	<b>\$92,931</b>	<b>\$203,799</b>	<b>\$326,035</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	15	207,730	1	13	\$0	\$750	\$750	\$1,500	3.1
High Efficiency Clothes Washers (HECW)	70	629,544	2	29	\$0	\$4,550	\$5,950	\$10,500	7.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	325	423,670	1	7	\$0	\$0	\$3,900	\$3,900	4.0
Residential Landscape Retrofit Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Landscape Transformation Program (5,599 Sq. Ft.)	6	255,460	1	8	\$0	\$9,734	\$7,348	\$17,082	29.0
<b>Subtotal</b>	<b>416</b>	<b>1,516,404</b>	<b>5</b>	<b>56</b>	<b>\$0</b>	<b>\$15,034</b>	<b>\$17,948</b>	<b>\$32,982</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1	13	\$0	\$729	\$1,483	\$2,212	2.3
Rotating Nozzles for Pop-up Spray Heads	53	69,080	0	1	\$0	\$90	\$185	\$275	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	660	860,247	3	13	\$0	\$0	\$2,145	\$2,145	1.1
<b>Subtotal</b>	<b>717</b>	<b>1,352,933</b>	<b>4</b>	<b>27</b>	<b>\$0</b>	<b>\$819</b>	<b>\$3,813</b>	<b>\$4,633</b>	
<b>TOTAL</b>	<b>1,133</b>	<b>2,869,337</b>	<b>9</b>	<b>83</b>	<b>\$0</b>	<b>\$15,853</b>	<b>\$21,761</b>	<b>\$37,615</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$150	\$150	\$300	3.2
High Efficiency Clothes Washers (HECW)	102	917,336	2.82	42.23	\$0	\$6,630	\$8,670	\$15,300	7.5
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0.01	0.04	\$0	\$2	\$8	\$10	1.7
Weather based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$210	\$240	\$450	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	748	975,093	2.99	14.96	\$0	\$0	\$3,900	\$3,900	1.8
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Landscape Transformation Program (5,648 Sq. Ft.)	6	257,696	0.79	7.91	\$1,412	\$4,688	\$5,648	\$11,748	20.4
<b>Subtotal</b>	<b>864</b>	<b>2,511,982</b>	<b>8</b>	<b>77</b>	<b>\$1,412</b>	<b>\$11,680</b>	<b>\$18,616</b>	<b>\$31,708</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	102	1,412,564	4.34	86.70	\$7,481	\$3,637	\$5,100	\$16,218	5.1
<b>Subtotal</b>	<b>102</b>	<b>1,412,564</b>	<b>4</b>	<b>87</b>	<b>\$7,481</b>	<b>\$3,637</b>	<b>\$5,100</b>	<b>\$16,218</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$50	\$50	\$100	3.2
Waterless Urinals	1	39,982	0.12	2.45	\$0	\$100	\$200	\$300	3.4
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	3,340	4,353,369	13	67	\$0	\$0	\$10,020	\$10,020	1.0
<b>Subtotal</b>	<b>3,342</b>	<b>4,407,200</b>	<b>14</b>	<b>70</b>	<b>1</b>	<b>\$150</b>	<b>\$10,270</b>	<b>\$10,421</b>	
<b>TOTAL</b>	<b>4,308</b>	<b>8,331,746</b>	<b>26</b>	<b>234</b>	<b>\$8,894</b>	<b>\$15,467</b>	<b>\$33,986</b>	<b>\$58,347</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	126	1,133,179	3.48	52.16	\$0	\$0	\$10,710	\$10,710	4.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$90	\$160	\$250	0.6
FreeSprinklerNozzles.com Program	1,103	1,437,871	4.41	22.06	\$0	\$0	\$3,600	\$3,600	1.2
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,231</b>	<b>2,782,853</b>	<b>9</b>	<b>81</b>	<b>\$0</b>	<b>\$90</b>	<b>\$14,470</b>	<b>\$14,560</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	2	27,697	0.09	1.70	\$147	\$71	\$100	\$318	5.5
IEUA Single-Family Direct Install Prog. (HET)	82	1,135,591	3.49	69.70	\$6,014	\$2,924	\$4,100	\$13,038	5.5
<b>Subtotal</b>	<b>84</b>	<b>1,163,288</b>	<b>4</b>	<b>71</b>	<b>\$6,161</b>	<b>\$2,995</b>	<b>\$4,200</b>	<b>\$13,356</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	6	239,892	0.74	14.72	\$0	\$300	\$1,200	\$1,500	3.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	1,855	2,417,814	7.42	37.10	\$0	\$0	\$5,565	\$5,565	1.1
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,861</b>	<b>2,657,706</b>	<b>8</b>	<b>52</b>	<b>\$0</b>	<b>\$300</b>	<b>\$6,765</b>	<b>\$7,065</b>	
<b>TOTAL</b>	<b>3,176</b>	<b>6,603,847</b>	<b>20</b>	<b>204</b>	<b>\$6,161</b>	<b>\$3,385</b>	<b>\$25,435</b>	<b>\$34,981</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	5	69,243	0.21	4.25	\$0	\$175	\$250	\$425	4.0
High Efficiency Clothes Washers (HECW)	199	1,789,704	5.49	82.39	\$0	\$0	\$16,915	\$16,915	6.2
Rotating Nozzles for Pop-up Spray Heads	90	117,306	0.36	1.80	\$0	\$180	\$270	\$450	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Synthetic Turf (600 Sq. Ft.)	1	27,376	0.08	0.84	\$0	\$270	\$180	\$450	10.7
FreeSprinklerNozzles.com Program	48	62,573	0.19	0.96	\$0	\$0	\$3,600	\$3,600	37.6
<b>Subtotal</b>	<b>344</b>	<b>2,172,104</b>	<b>7</b>	<b>93.49</b>	<b>\$0</b>	<b>\$670</b>	<b>\$21,295</b>	<b>\$21,965</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	1	13,849	0.04	0.85	\$73	\$36	\$50	\$159	0.0
<b>Subtotal</b>	<b>1</b>	<b>13,849</b>	<b>0.04</b>	<b>0.85</b>	<b>\$73</b>	<b>\$36</b>	<b>\$50</b>	<b>\$159</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	111	4,437,993	13.62	272.39	\$0	\$5,550	\$22,200	\$27,750	4.1
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>111</b>	<b>4,437,993</b>	<b>14</b>	<b>272</b>	<b>\$0</b>	<b>\$5,550</b>	<b>\$22,200</b>	<b>\$27,750</b>	
<b>TOTAL</b>	<b>456</b>	<b>6,623,945</b>	<b>20</b>	<b>367</b>	<b>\$73</b>	<b>\$6,256</b>	<b>\$43,545</b>	<b>\$49,874</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	147	2,035,754	6.25	124.95	\$0	\$5,145	\$7,350	\$12,495	4.0
High Efficiency Clothes Washers (HECW)	49	440,681	1.35	20.29	\$0	\$2,450	\$5,390	\$7,840	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Water Wise Landscape (Turf Buy Back) (0)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (1,404 Sq. Ft.)	3	64,049	0.20	1.97	\$0	\$632	\$421	\$1,053	10.7
<b>Subtotal</b>	<b>200</b>	<b>2,646,386</b>	<b>8</b>	<b>150</b>	<b>\$0</b>	<b>\$8,272</b>	<b>\$13,241</b>	<b>\$21,513</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	101	1,398,715	4.29	85.85	\$0	\$13,635	\$16,665	\$30,300	14.2
Waterless Urinals	15	599,729	1.84	36.81	\$0	\$0	\$6,000	\$6,000	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$120	\$200	\$320	2.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>117</b>	<b>2,104,346</b>	<b>6</b>	<b>126</b>	<b>\$0</b>	<b>\$13,755</b>	<b>\$22,865</b>	<b>\$36,620</b>	
<b>TOTAL</b>	<b>317</b>	<b>4,750,732</b>	<b>15</b>	<b>276</b>	<b>\$0</b>	<b>\$22,027</b>	<b>\$36,106</b>	<b>\$58,133</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	178	2,465,063	7.57	151.30	\$0	\$0	\$29,370	\$29,370	7.8
High Efficiency Clothes Washers (HECW)	87	782,433	2.40	36.02	\$0	\$0	\$9,570	\$9,570	8.0
Rotating Nozzles for Pop-up Spray Heads	40	52,136	0.16	0.80	\$0	\$0	\$160	\$160	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$0	\$80	\$80	0.5
Water Wise Landscape (Turf Buy Back) (5,966 Sq. Ft.)	4	272,164	0.84	8.35	\$0	\$7,300	\$0	\$7,300	17.5
Synthetic Turf (6,233 Sq. Ft.)	8	284,344	0.87	8.73	\$0	\$1,870	\$1,870	\$3,740	8.6
<b>Subtotal</b>	<b>318</b>	<b>3,962,042</b>	<b>12</b>	<b>208</b>	<b>\$0</b>	<b>\$9,170</b>	<b>\$41,050</b>	<b>\$50,220</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	235	3,254,437	9.99	199.75	\$17,235	\$8,380	\$38,775	\$64,390	12.9
<b>Subtotal</b>	<b>235</b>	<b>3,254,437</b>	<b>10</b>	<b>200</b>	<b>\$17,235</b>	<b>\$8,380</b>	<b>\$38,775</b>	<b>\$64,390</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	26	360,065	1.11	22.10	\$0	\$3,510	\$4,290	\$7,800	14.2
Waterless Urinals	29	1,159,476	3.56	71.17	\$0	\$0	\$11,600	\$11,600	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	3	26,980	0.08	0.83	\$0	\$300	\$240	\$540	13.1
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	847,213	2.60	26.00	\$0	\$0	\$5,352	\$5,352	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	15	747,828	2.30	11.48	\$0	\$0	\$900	\$900	0.8
<b>Subtotal</b>	<b>81</b>	<b>3,141,562</b>	<b>10</b>	<b>132</b>	<b>\$0</b>	<b>\$3,810</b>	<b>\$22,382</b>	<b>\$26,192</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	44	14,222,744	43.65	436.48	\$0	\$0	\$212,530	\$212,530	9.8
Synthetic Turf (22,327 Sq. Ft.)	1	1,018,539	3.13	31.26	\$0	\$0	\$16,745	\$16,745	10.7
<b>Subtotal</b>	<b>45</b>	<b>15,241,283</b>	<b>47</b>	<b>468</b>	<b>\$0</b>	<b>\$0</b>	<b>\$229,275</b>	<b>\$229,275</b>	
<b>TOTAL</b>	<b>679</b>	<b>25,599,324</b>	<b>79</b>	<b>1,008</b>	<b>\$17,235</b>	<b>\$21,360</b>	<b>\$331,482</b>	<b>\$370,077</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.7
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	170	1,528,893	4.69	70.38	\$0	\$0	\$18,700	\$18,700	9.3
Rotating Nozzles for Pop-up Spray Heads	22	28,675	0.09	0.44	\$0	\$0	\$88	\$88	2.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (2,215 Sq. Ft.)	3	101,046	0.31	3.10	\$0	\$665	\$665	\$1,329	10.0
<b>Subtotal</b>	<b>201</b>	<b>1,732,713</b>	<b>5</b>	<b>78</b>	<b>\$0</b>	<b>\$665</b>	<b>\$19,813</b>	<b>\$20,477</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	28	345,793	1.06	21.22	\$2,054	\$998	\$1,680	\$4,732	10.4
<b>Subtotal</b>	<b>28</b>	<b>345,793</b>	<b>1</b>	<b>21</b>	<b>\$2,054</b>	<b>\$998</b>	<b>\$1,680</b>	<b>\$4,732</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	158	2,188,089	6.72	134.30	\$0	\$21,330	\$26,070	\$47,400	16.5
Waterless Urinals	90	3,598,373	11.04	220.86	\$0	\$0	\$36,000	\$36,000	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (30,400 Sq. Ft.)	2	1,386,822	4.26	42.56	\$0	\$9,120	\$9,120	\$18,240	10.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>250</b>	<b>7,173,284</b>	<b>22</b>	<b>398</b>	<b>\$0</b>	<b>\$30,450</b>	<b>\$71,190</b>	<b>\$101,640</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	51	2,039,078	6.26	125.15	\$0	\$0	\$62,475	\$62,475	23.4
Water Brooms	42	2,099,393	6.44	32.21	\$0	\$0	\$15,960	\$15,960	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>93</b>	<b>4,138,471</b>	<b>13</b>	<b>157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78,435</b>	<b>\$78,435</b>	
<b>TOTAL</b>	<b>572</b>	<b>13,390,260</b>	<b>41</b>	<b>655</b>	<b>\$2,054</b>	<b>\$32,113</b>	<b>\$171,118</b>	<b>\$205,284</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	11	124,377	0.38	7.63	\$0	\$0	\$660	\$660	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	146	4,024,781	12.35	185.27	\$0	\$0	\$16,060	\$16,060	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	2	423,606	1.30	13.00	\$0	\$320	\$160	\$480	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	28	5,930,488	18.20	182.00	\$0	\$0	\$6,720	\$6,720	0.9
<b>Subtotal</b>	<b>187</b>	<b>10,503,253</b>	<b>32</b>	<b>388</b>	<b>\$0</b>	<b>\$320</b>	<b>\$23,600</b>	<b>\$23,920</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	944	10,673,836	32.76	655.14	\$69,233	\$33,663	\$56,640	\$159,536	11.4
<b>Subtotal</b>	<b>944</b>	<b>10,673,836</b>	<b>33</b>	<b>655</b>	<b>\$69,233</b>	<b>\$33,663</b>	<b>\$56,640</b>	<b>\$159,536</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	1	39,917	0.12	2.45	\$0	\$0	\$400	\$400	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$0	\$625	\$625	2.3
High Efficiency Clothes Washers (HECW)	24	661,608	2.03	30.46	\$0	\$1,680	\$3,120	\$4,800	5.5
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	423,606	1.30	13.00	\$0	\$0	\$1,260	\$1,260	2.3
<b>Subtotal</b>	<b>28</b>	<b>12,008,815</b>	<b>37</b>	<b>704</b>	<b>\$69,233</b>	<b>\$35,343</b>	<b>\$62,045</b>	<b>\$166,621</b>	
<b>TOTAL</b>	<b>1,159</b>	<b>33,185,904</b>	<b>102</b>	<b>1,747</b>	<b>\$138,466</b>	<b>\$69,326</b>	<b>\$142,285</b>	<b>\$350,077</b>	

(1) Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	33	373,132	1.15	22.90	\$0	\$33	\$1,980	\$2,013	4.1
High Efficiency Clothes Washers	128	1,151,166	3.53	52.99	\$0	\$128	\$14,080	\$14,208	9.4
<b>Subtotal</b>	<b>161</b>	<b>1,524,298</b>	<b>5</b>	<b>76</b>	<b>\$0</b>	<b>\$161</b>	<b>\$16,060</b>	<b>\$16,221</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	145	1,639,519	5.03	100.63	\$0	\$15,225	\$8,700	\$23,925	11.1
<b>Subtotal</b>	<b>145</b>	<b>1,639,519</b>	<b>5</b>	<b>101</b>	<b>\$0</b>	<b>\$15,225</b>	<b>\$8,700</b>	<b>\$23,925</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>306</b>	<b>3,163,818</b>	<b>10</b>	<b>177</b>	<b>\$0</b>	<b>\$15,386</b>	<b>\$24,760</b>	<b>\$40,146</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	236	2,668,459	8.19	163.78	\$0	\$1,534	\$14,160	\$15,694	4.5
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	4.8
IEUA Rebate Program (ULFT)	44	497,509	1.53	30.54	\$0	\$44	\$2,640	\$2,684	4.1
High Efficiency Clothes Washers	195	1,753,730	5.38	80.73	\$0	\$195	\$21,450	\$21,645	9.4
Pool Cover Rebates	6	102,492	0.31	1.57	\$0	\$1,219	\$0	\$1,219	9.1
<b>Subtotal</b>	<b>483</b>	<b>5,044,804</b>	<b>15</b>	<b>278</b>	<b>\$0</b>	<b>\$3,014</b>	<b>\$38,370</b>	<b>\$41,384</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	8	90,456	0.28	5.55	\$0	\$840	\$480	\$1,320	11.1
<b>Subtotal</b>	<b>8</b>	<b>90,456</b>	<b>0</b>	<b>6</b>	<b>\$0</b>	<b>\$840</b>	<b>\$480</b>	<b>\$1,320</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>18</b>	<b>161,883</b>	<b>0</b>	<b>7</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,500</b>	<b>\$4,500</b>	
<b>TOTAL</b>	<b>509</b>	<b>5,297,143</b>	<b>16</b>	<b>291</b>	<b>\$0</b>	<b>\$3,854</b>	<b>\$43,350</b>	<b>\$47,204</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	287	3,245,118	9.96	199.18	\$0	\$574	\$17,220	\$17,794	4.7
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	3.4
IEUA Rebate Program (ULFT)+A43	130	1,469,914	4.51	90.22	\$0	\$130	\$7,800	\$7,930	4.6
High Efficiency Clothes Washers	130	1,169,153	3.59	53.82	\$0	\$130	\$14,300	\$14,430	5.7
Pool Cover Rebates	23	802,854	2.46	12.30	\$0	\$1,219	\$0	\$1,219	2.4
<b>Subtotal</b>	<b>572</b>	<b>6,709,653</b>	<b>21</b>	<b>357</b>	<b>\$0</b>	<b>\$2,075</b>	<b>\$39,440</b>	<b>\$41,515</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	106	1,198,545	3.68	73.56	\$0	\$3,604	\$6,360	\$9,964	4.2
<b>Subtotal</b>	<b>106</b>	<b>1,198,545</b>	<b>4</b>	<b>74</b>	<b>\$0</b>	<b>\$3,604</b>	<b>\$6,360</b>	<b>\$9,964</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	5.1
Water Brooms (Rebate)	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.6
Water Brooms (Distribution)	24	1,199,653	3.68	18.41	\$0	\$2,400	\$2,400	\$4,800	3.1
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>44</b>	<b>1,461,507</b>	<b>4</b>	<b>27</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$7,100</b>	<b>\$9,500</b>	
<b>TOTAL</b>	<b>722</b>	<b>9,369,705</b>	<b>29</b>	<b>458</b>	<b>\$0</b>	<b>\$8,079</b>	<b>\$52,900</b>	<b>\$60,979</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	370	4,183,601	12.84	256.78	\$0	\$740	\$22,200	\$22,940	4.7
IEUA Regional Event (ULFT)	33	373,132	1.15	22.90	\$0	\$363	\$1,980	\$2,343	5.6
IEUA Rebate Program (ULFT)	14	158,298	0.49	9.72	\$0	\$14	\$840	\$854	5.1
High Efficiency Clothes Washers	127	1,142,173	3.51	52.58	\$0	\$127	\$13,970	\$14,097	5.8
Pool Cover Rebates	25	1,246,986	3.83	19.15	\$0	\$1,325	\$0	\$1,325	2.4
<b>Subtotal</b>	<b>569</b>	<b>7,104,190</b>	<b>22</b>	<b>361</b>	<b>\$0</b>	<b>\$2,569</b>	<b>\$38,990</b>	<b>\$41,559</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	158	1,786,511	5.48	109.65	\$0	\$5,372	\$9,480	\$14,852	4.2
<b>Subtotal</b>	<b>158</b>	<b>1,786,511</b>	<b>5</b>	<b>110</b>	<b>\$0</b>	<b>\$5,372</b>	<b>\$9,480</b>	<b>\$14,852</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	42	377,726	1.16	17.39	\$0	\$0	\$10,500	\$10,500	5.0
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	65	84,721	0.26	1.30	\$0	\$0	\$3,250	\$3,250	0.6
X-Ray Film Processor (MWD CII)	4	4,170,893	12.80	64.00	\$0	\$0	\$8,000	\$8,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>120</b>	<b>5,083,210</b>	<b>16</b>	<b>90</b>	<b>\$0</b>	<b>\$900</b>	<b>\$22,650</b>	<b>\$23,550</b>	
<b>TOTAL</b>	<b>847</b>	<b>13,973,911</b>	<b>43</b>	<b>560</b>	<b>\$0</b>	<b>\$8,841</b>	<b>\$71,120</b>	<b>\$79,961</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary**  
**City of Chino**  
**FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	3	6	1,475	72
<i>Shows That Teach</i>	2	4	1,010	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	0	0	0

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	4	1	\$1,125.00
<i>Landscape Design Services</i>	0	0	\$0

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$3,638.42
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$0
	2017-2018	\$2,000
	2016-2017	\$0
	2015-2016	\$0
	2014-2015	\$0
	2013-2014	\$0
	2012-2013	\$0
	2011-2012	\$0
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$2,000
	2007-2008	\$2,000
	<b>TOTAL</b>	<b>\$6,000</b>

City of Chino  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2018-19				
National Theater for Children	3	1,475	72	\$ 3,120.00
Garden In Every School	N/A	N/A	N/A	N/A
Shows That Teach	2	1,010	N/A	\$ 1,360.00
<b>TOTAL</b>	<b>5</b>	<b>2,485</b>	<b>72</b>	<b>\$ 4,480.00</b>
FY 2017-18				
National Theater for Children	3	1,152	62	\$ 3,120.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	2	1,250	N/A	\$ 1,655.00
<b>TOTAL</b>	<b>5</b>	<b>2,402</b>	<b>62</b>	<b>\$ 4,775.00</b>
FY 2016-17				
National Theater for Children	5	2,706	113	\$ 5,200.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	2	1,050	47	\$ 1,655.00
<b>TOTAL</b>	<b>7</b>	<b>3,756</b>	<b>160</b>	<b>\$ 6,855.00</b>
FY 2015-16				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	1	684	28	\$ 6,869.01
Shows That Teach	2	1,320	58	\$ 1,950.00
<b>TOTAL</b>	<b>3</b>	<b>2,004</b>	<b>86</b>	<b>\$ 8,819.01</b>
FY 2014-15				
National Theater for Children	2	840	28	\$ 2,030.00
Garden In Every School	1	300	8	\$ 5,116.00
Shows That Teach	2	761	25	\$ 1,450.00
<b>TOTAL</b>	<b>5</b>	<b>1,901</b>	<b>61</b>	<b>\$ 8,596.00</b>
FY 2013-14				
National Theater for Children	4	982	59	\$ 4,060.00
Garden In Every School	1	100	3	\$ 908.46
<b>TOTAL</b>	<b>5</b>	<b>1082</b>	<b>62</b>	<b>\$ 4,968.46</b>
FY 2012-13				
<b>National Theater for Children</b>	<b>5</b>	<b>2,490</b>	<b>90</b>	<b>\$ 4,730.00</b>
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>2490</b>	<b>90</b>	<b>\$ 4,730.00</b>
FY 2011-12				
National Theater for Children	6	2203	94	\$ 5,896.14
<b>Garden In Every School</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
<b>TOTAL</b>	<b>6</b>	<b>2203</b>	<b>94</b>	<b>\$ 5,896.14</b>
FY 2010-11				
National Theater for Children	5	1845	73	\$ 4,913.57
Garden In Every School	2	1922	70	\$ 12,620.00
<b>TOTAL</b>	<b>7</b>	<b>3,767</b>	<b>143</b>	<b>\$ 17,533.57</b>

City of Chino (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2009-10				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	1	867	41	\$ 3,000.00
<b>TOTAL</b>	<b>1</b>	<b>867</b>	<b>41</b>	<b>\$ 3,000.00</b>
FY 2008-09				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	1	615	30	\$ 4,500.00
<b>TOTAL</b>	<b>1</b>	<b>615</b>	<b>30</b>	<b>\$ 4,500.00</b>
FY 2007-08				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	1	45	3	\$ 7,776.00
<b>TOTAL</b>	<b>1</b>	<b>45</b>	<b>3</b>	<b>\$ 7,776.00</b>
FY 2006-07				
National Theater for Children	N/A	N/A	N/A	
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	250	8	
<b>TOTAL</b>	<b>1</b>	<b>250</b>	<b>8</b>	
FY 2005-06				
National Theater for Children	N/A	N/A	N/A	
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	380	13	
<b>TOTAL</b>	<b>1</b>	<b>380</b>	<b>13</b>	
FY 2004-05				
National Theater for Children	N/A	N/A	N/A	
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	386	14	
<b>TOTAL</b>	<b>1</b>	<b>386</b>	<b>14</b>	
FY 2003-04				
Think Earth! It's Magic	4	1,804	77	\$ 7,216.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>4</b>	<b>1,804</b>	<b>77</b>	<b>\$ 7,216.00</b>
FY 2002-03				
Think Earth! It's Magic	1	264	12	\$ 1,056.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>1</b>	<b>264</b>	<b>12</b>	<b>\$ 1,056.00</b>
<b>2002-2019 Totals</b>	<b>59</b>	<b>26,701</b>	<b>1028</b>	<b>\$ 90,201.18</b>



FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Lapeyrade	1		Chino	N/A	0.08	184	142	0.10	Fix mixed matched valve zones with matched precipitation nozzles. Make necessary repairs shown in the report. Input irrigation schedule provided.
City of Chino	Brewer	1		Chino	63%	1.34	3285	2357	2.13	Repair the lateral line breaks in the front and back yard. Input the irrigation schedule provided in the report.
City of Chino	O'Donnell	1		Chino	N/A	0.16	602	269	0.77	Adjust the irrigaiton schedule to the one provided by the report.
City of Chino	Corvera	1		Chino	N/A	0.06	24	99	0.00	To provide adequate moisture to plant material input irrigation schedule provided in the report.
City of Chino	Galway HOA		1	Chino	71%	1.19	3951	2555	3.21	Make minor repairs. Utilize flow sensors that are being unused on site. Adjust irrigation schedules.

**CITY OF CHINO HILLS**  
**Annual Water Use Efficiency Programs Report**  
**FY 2018-2019**



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	12	96,206	0	6	\$0	\$720	\$480	\$1,200	5.1
High Efficiency Clothes Washers (HECW)	69	775,805	2	33	\$0	\$5,175	\$5,865	\$11,040	5.8
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	79	1,065,889	3	33	\$0	\$6,320	\$6,320	\$12,640	4.8
Turf Removal (1,002 Sq. Ft.)	2	43,086	0.1	1	\$0	\$1,002	\$2,004	\$3,006	28.5
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (8 Small Sites/ 5 Large Sites)	13	N/A	N/A	N/A	\$7,037	\$0	\$0	\$7,037	0.0
Residential Landscape Retrofit Program (9 WBIC/ 76 Nozzles)	9	230,411	1	5	\$4,068	\$0	\$4,234	\$8,303	14.7
Res. Education, Survey, and Controller Upgrade Program (24 WBIC)	24	323,814	1	10	\$0	\$10,040	\$6,153	\$16,193	20.4
Residential Pressure Regulation Program	92	3,537,970	11	109	\$0	\$24,400	\$23,443	\$47,843	5.5
<b>Subtotal</b>	<b>300</b>	<b>6,073,181</b>	<b>8</b>	<b>197</b>	<b>\$11,105</b>	<b>\$47,656</b>	<b>\$48,500</b>	<b>\$107,261</b>	<b>17.3</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	15	63,062	0.19	2	\$0	\$225	\$525	\$750	4.9
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>15</b>	<b>63,062</b>	<b>0</b>	<b>2</b>	<b>\$0</b>	<b>\$3,833</b>	<b>\$525</b>	<b>\$4,358</b>	
<b>TOTAL</b>	<b>315</b>	<b>6,136,243</b>	<b>9</b>	<b>199</b>	<b>\$11,105</b>	<b>\$51,489</b>	<b>\$49,025</b>	<b>\$111,618</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	21	168,360	1	10	\$0	\$1,260	\$840	\$2,100	5.3
High Efficiency Clothes Washers (HECW)	76	854,510	3	37	\$0	\$4,940	\$6,460	\$11,400	5.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 33 Nozzles)	33	47,314	0	1	\$0	\$99	\$66	\$165	1.5
Weather based Irrigation Controllers (WBIC)	39	526,198	2	16	\$0	\$2,730	\$3,120	\$5,850	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	2	0	0	0	\$0	\$0	\$70	\$70	0.0
Cisterns	2	0	0	0	\$0	\$0	\$600	\$600	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$350.00 Total Cost)	100	143,396	0	2	\$0	\$150	\$200	\$350	1.0
Residential Landscape Retrofit Program (73 WBIC/ 1,117 Nozzles)	54	2,586,668	8	60	\$25,866	\$1,035	\$24,831	\$51,732	8.5
Residential Education, Survey, and Controller Upgrade Program (40 WBIC)	34	539,690	2	17	\$0	\$20,135	\$3,835	\$23,970	18.8
Residential Pressure Regulation Program	90	3,461,058	11	106	\$0	\$21,990	\$19,500	\$41,490	5.1
<b>Subtotal</b>	<b>451</b>	<b>8,327,194</b>	<b>26</b>	<b>248</b>	<b>\$25,866</b>	<b>\$52,338</b>	<b>\$59,523</b>	<b>\$137,727</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	288	394,209	1	0	\$0	\$2,880	\$1,440	\$4,320	4.6
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>288</b>	<b>394,209</b>	<b>1</b>	<b>0</b>	<b>\$0</b>	<b>\$2,880</b>	<b>\$1,440</b>	<b>\$4,320</b>	
<b>TOTAL</b>	<b>739</b>	<b>8,721,403</b>	<b>27</b>	<b>248</b>	<b>\$25,866</b>	<b>\$55,218</b>	<b>\$60,963</b>	<b>\$142,047</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	23	184,394	1	11	\$0	\$478	\$940	\$1,418	3.4
High Efficiency Clothes Washers (HECW)	101	1,135,599	3	49	\$0	\$2,340	\$8,585	\$10,925	4.2
Rotating Nozzles for Pop-up Spray Heads	80	114,700	0.35	2	\$0	\$80	\$131	\$211	0.8
Weather based Irrigation Controllers (WBIC)	71	957,950	3	29	\$0	\$2,385	\$5,680	\$8,065	3.7
Turf Removal (11,439 Sq. Ft.)	13	484,636	1	15	\$0	\$0	\$22,878	\$22,878	20.7
Rain Barrels	1	619	0.002	0.01	\$0	\$0	\$35	\$35	24.8
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	124	177,811	1	3	\$0	\$198	\$248	\$446	1.1
Residential Landscape Retrofit Program (58 WBIC/757 Nozzles)	38	1,868,059	6	41	\$19,125	\$1,058	\$18,067	\$38,250	9.0
Residential Education, Survey, and Controller Upgrade Program	9	121,430	0.37	4	\$0	\$5,048	\$882	\$5,930	21.4
Residential Pressure Regulation Program	73	1,724,989	5	53	\$0	\$12,133	\$10,692	\$22,825	5.8
<b>Subtotal</b>	<b>533</b>	<b>6,770,187</b>	<b>21</b>	<b>206</b>	<b>\$19,125</b>	<b>\$23,720</b>	<b>\$68,138</b>	<b>\$110,983</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	5,175	7,420,743	23	114	\$0	\$10,350	\$10,350	\$20,700	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (122,745 Sq. Ft.)	7	5,200,337	16	160	\$0	\$59,215	\$139,745	\$198,960	16.8
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>5,182</b>	<b>12,621,080</b>	<b>39</b>	<b>273</b>	<b>\$0</b>	<b>\$69,565</b>	<b>\$150,095</b>	<b>\$219,660</b>	
<b>TOTAL</b>	<b>5,715</b>	<b>19,391,267</b>	<b>60</b>	<b>479</b>	<b>\$19,125</b>	<b>\$93,285</b>	<b>\$218,233</b>	<b>\$330,643</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	331	4,584,598	14	281	\$0	\$5,194	\$31,578	\$36,772	3.6
High Efficiency Clothes Washers (HECW)	107	1,203,060	4	55	\$0	\$3,250	\$8,925	\$12,175	4.6
Rotating Nozzles for Pop-up Spray Heads	52	74,555	0	1	\$0	\$0	\$142	\$142	0.9
Weather based Irrigation Controllers (WBIC)	30	3,177,525	10	98	\$0	\$637	\$2,267	\$2,903	0.4
Turf Removal (108,896 Sq. Ft.)	76	4,613,597	14	142	\$0	\$0	\$208,966	\$208,966	20.5
Rain Barrels	69	42,725	0.13	1	\$0	\$0	\$5,159	\$5,159	54.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	295	423,018	1	6	\$0	\$472	\$590	\$1,062	1.1
Residential Landscape Retrofit Program (19 WBIC/163 Nozzles)	12	2,246,168	7	65	\$6,354	\$0	\$6,354	\$12,709	2.6
Landscape Transformation Program (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	10	3,910,800	12	120	\$0	\$3,419	\$2,281	\$5,700	0.7
<b>Subtotal</b>	<b>982</b>	<b>20,276,046</b>	<b>62</b>	<b>769</b>	<b>\$6,354</b>	<b>\$12,972</b>	<b>\$266,261</b>	<b>\$285,587</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	14	193,911	1	12	\$0	\$0	\$2,030	\$2,030	4.7
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	38	4,024,865	12	124	\$0	\$0	\$15,050	\$15,050	1.7
Rotating Nozzles for Pop-up Spray Heads	800	1,147,168	4	18	\$0	\$0	\$3,200	\$3,200	1.3
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (286,701 Sq. Ft.)	14	12,146,661	37	373	\$0	\$224,981	\$570,402	\$795,383	29.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	544	709,158	2	11	\$0	\$1,243	\$1,088	\$2,331	1.5
<b>Subtotal</b>	<b>1,410</b>	<b>18,221,763</b>	<b>56</b>	<b>537</b>	<b>\$0</b>	<b>\$226,223</b>	<b>\$591,770</b>	<b>\$817,993</b>	
<b>TOTAL</b>	<b>2,392</b>	<b>38,497,809</b>	<b>118</b>	<b>1,306</b>	<b>\$6,354</b>	<b>\$239,195</b>	<b>\$858,031</b>	<b>\$1,103,581</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	342	4,736,957	15	291	\$0	\$17,100	\$17,100	\$34,200	3.1
High Efficiency Clothes Washers (HECW)	154	1,385,205	4	64	\$0	\$10,010	\$13,090	\$23,100	7.2
Rotating Nozzles for Pop-up Spray Heads	409	533,172	2	8	\$0	\$409	\$1,636	\$2,045	1.7
Weather based Irrigation Controllers (WBIC)	8	847,340	3	26	\$0	\$560	\$640	\$1,200	0.6
Turf Removal (1,505 Sq. Ft.)	3	61,921	0.2	2	\$0	\$0	\$3,010	\$3,010	21.8
Rain Barrels	24	2,542,020	8	78	\$0	\$0	\$1,800	\$1,800	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	737	960,753	3	15	\$0	\$0	\$5,850	\$5,850	2.6
Residential Landscape Retrofit Program (65 WBIC/1,138 Nozzles)	43	8,473,400	26	236	\$44,560	\$0	\$44,560	\$89,120	4.6
Landscape Transformation Program (13,820 Sq. Ft.)	16	268,235	1	8	\$0	\$19,124	\$27,640	\$46,764	62.2
<b>Subtotal</b>	<b>1,736</b>	<b>19,809,004</b>	<b>61</b>	<b>728</b>	<b>\$44,560</b>	<b>\$47,203</b>	<b>\$115,326</b>	<b>\$207,089</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	27,702	0	2	\$0	\$270	\$330	\$600	9.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	9	953,258	3	29	\$0	\$7,934	\$30,416	\$38,350	17.4
Rotating Nozzles for Pop-up Spray Heads	372	484,939	1	7	\$0	\$372	\$1,488	\$1,860	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (521,813 Sq. Ft.)	23	22,107,651	68	678	\$0	\$486,570	\$1,077,150	\$1,563,720	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>406</b>	<b>23,573,550</b>	<b>72</b>	<b>717</b>	<b>\$0</b>	<b>\$495,146</b>	<b>\$1,109,384</b>	<b>\$1,604,531</b>	
<b>TOTAL</b>	<b>2,142</b>	<b>43,382,553</b>	<b>133</b>	<b>1,444</b>	<b>\$44,560</b>	<b>\$542,349</b>	<b>\$1,224,710</b>	<b>\$1,811,620</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	76	1,052,499	3.23	64.60	\$0	\$3,800	\$3,800	\$7,600	3.1
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$9,100	\$11,900	\$21,000	7.2
Rotating Nozzles for Pop-up Spray Heads	3	3,910	0.01	0.06	\$0	\$3	\$12	\$15	1.7
Weather based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$280	\$320	\$600	0.6
Rain Barrels	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	490	638,764	1.96	9.80	\$0	\$0	\$5,281	\$5,281	3.6
Residential Landscape Retrofit Program (51 WBIC/442 Nozzles)	30	6,192,100	19.00	177.00	\$16,455	\$0	\$16,455	\$32,911	2.3
Landscape Transformation Program (5,879 Sq. Ft.)	8	268,235	0.82	8.23	\$0	\$14,159	\$5,879	\$20,038	32.4
<b>Subtotal</b>	<b>751</b>	<b>9,838,203</b>	<b>30</b>	<b>331</b>	<b>\$16,455</b>	<b>\$27,342</b>	<b>\$43,648</b>	<b>\$87,445</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	52	5,506,882	16.90	169.00	\$0	\$7,934	\$30,416	\$38,350	3.0
Rotating Nozzles for Pop-up Spray Heads	1,805	2,352,644	7.22	36.10	\$0	\$1,805	\$7,220	\$9,025	1.7
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	2,635	3,434,470	11	53	\$0	\$0	\$8,564	\$8,564	1.1
<b>Subtotal</b>	<b>4,492</b>	<b>11,293,996</b>	<b>35</b>	<b>258</b>	<b>\$0</b>	<b>\$9,739</b>	<b>\$46,200</b>	<b>\$55,940</b>	
<b>TOTAL</b>	<b>5,243</b>	<b>21,132,198</b>	<b>65</b>	<b>588</b>	<b>\$16,455</b>	<b>\$37,081</b>	<b>\$89,847</b>	<b>\$143,384</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	125	1,124,186	3.45	51.75	\$0	\$8,125	\$10,625	\$18,750	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	\$0	\$350	\$400	\$750	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	3,572	4,656,459	14.29	71.44	\$0	\$0	\$5,281	\$5,281	0.5
Residential Landscape Retrofit Program	21	5,540,300	17.00	135.00	\$12,311	\$2,004	\$14,316	\$28,631	2.3
Landscape Transformation Program (2,666 Sq. Ft.)	4	121,639	0.37	3.73	\$667	\$2,213	\$2,666	\$5,545	20.4
<b>Subtotal</b>	<b>3,727</b>	<b>11,972,092</b>	<b>37</b>	<b>278</b>	<b>\$12,978</b>	<b>\$12,692</b>	<b>\$33,288</b>	<b>\$58,957</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	81	1,121,742	3.44	68.85	\$5,941	\$2,888	\$4,050	\$12,879	5.1
<b>Subtotal</b>	<b>81</b>	<b>1,121,742</b>	<b>3</b>	<b>69</b>	<b>\$5,941</b>	<b>\$2,888</b>	<b>\$4,050</b>	<b>\$12,879</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	9	953,114	2.93	29.25	\$0	\$5,517	\$8,500	\$14,017	6.6
Rotating Nozzles for Pop-up Spray Heads	1,718	2,239,248	6.87	34.36	\$0	\$1,718	\$6,872	\$8,590	1.7
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	1,760	2,293,991	7.04	35.20	\$0	\$0	\$5,720	\$5,720	1.1
<b>Subtotal</b>	<b>3,487</b>	<b>5,486,353</b>	<b>17</b>	<b>99</b>	<b>\$0</b>	<b>\$7,235</b>	<b>\$21,092</b>	<b>\$28,328</b>	
<b>TOTAL</b>	<b>7,295</b>	<b>18,580,187</b>	<b>57</b>	<b>446</b>	<b>\$18,918</b>	<b>\$22,815</b>	<b>\$58,430</b>	<b>\$100,164</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	232	2,086,489	6.40	96.05	\$0	\$0	\$19,720	\$19,720	4.5
Rotating Nozzles for Pop-up Spray Heads	31	40,406	0.12	0.62	\$0	\$62	\$93	\$155	1.8
Weather Based Irrigation Controllers (WBIC)	7	741,311	2.28	22.75	\$0	\$315	\$560	\$875	0.6
FreeSprinklerNozzles.com Program	1,995	2,600,682	7.98	39.90	\$0	\$0	\$4,875	\$4,875	0.9
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,265</b>	<b>5,468,888</b>	<b>17</b>	<b>159</b>	<b>\$0</b>	<b>\$377</b>	<b>\$25,248</b>	<b>\$25,625</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	33	457,006	1.40	28.05	\$2,420	\$1,177	\$1,650	\$5,247	0.0
<b>Subtotal</b>	<b>33</b>	<b>457,006</b>	<b>1</b>	<b>28</b>	<b>\$2,420</b>	<b>\$1,177</b>	<b>\$1,650</b>	<b>\$5,247</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
PH Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>2,298</b>	<b>5,925,894</b>	<b>18</b>	<b>187</b>	<b>\$2,420</b>	<b>\$1,554</b>	<b>\$26,898</b>	<b>\$30,872</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	24	332,368	1.02	20.40	\$0	\$840	\$1,200	\$2,040	4.0
High Efficiency Clothes Washers (HECW)	398	3,579,408	10.98	164.77	\$0	\$0	\$33,830	\$33,830	6.2
Rotating Nozzles for Pop-up Spray Heads	95	123,823	0.38	1.90	\$0	\$190	\$285	\$475	2.5
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	65	84,734	0.26	1.30	\$0	\$0	\$4,875	\$4,875	37.6
<b>Subtotal</b>	<b>583</b>	<b>4,226,235</b>	<b>13</b>	<b>192</b>	<b>\$0</b>	<b>\$1,075</b>	<b>\$40,270</b>	<b>\$41,345</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	81	3,238,535	9.94	198.77	\$0	\$4,050	\$16,200	\$20,250	4.1
PH Conductivity Controller	1	209,848	0.64	3.22	\$0	\$500	\$1,750	\$2,250	7.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>82</b>	<b>3,448,383</b>	<b>11</b>	<b>202</b>	<b>\$0</b>	<b>\$4,550</b>	<b>\$17,950</b>	<b>\$22,500</b>	
<b>TOTAL</b>	<b>665</b>	<b>7,674,618</b>	<b>24</b>	<b>394</b>	<b>\$0</b>	<b>\$5,625</b>	<b>\$58,220</b>	<b>\$63,845</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	96	1,329,472	4.08	81.60	\$0	\$3,360	\$4,800	\$8,160	4.0
High Efficiency Clothes Washers (HECW)	125	1,124,186	3.45	51.75	\$0	\$6,250	\$13,750	\$20,000	11.6
Rotating Nozzles for Pop-up Spray Heads	324	422,303	1.30	6.48	\$0	\$648	\$1,296	\$1,944	3.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Water Wise Landscape (Turf Buy Back) (614 Sq. Ft.)	1	28,010	0.09	0.86	\$0	\$1,228	\$0	\$1,228	28.7
Synthetic Turf (2,950 Sq. Ft.)	5	134,576	0.41	4.13	\$0	\$1,328	\$885	\$2,213	10.7
<b>Subtotal</b>	<b>552</b>	<b>3,144,449</b>	<b>10</b>	<b>148</b>	<b>\$0</b>	<b>\$12,859</b>	<b>\$20,811</b>	<b>\$33,670</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3.25	32.50	\$0	\$3,960	\$6,600	\$10,560	6.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>10</b>	<b>1,059,016</b>	<b>3</b>	<b>33</b>	<b>\$0</b>	<b>\$3,960</b>	<b>\$6,600</b>	<b>\$10,560</b>	
<b>TOTAL</b>	<b>562</b>	<b>4,203,465</b>	<b>13</b>	<b>181</b>	<b>\$0</b>	<b>\$16,819</b>	<b>\$27,411</b>	<b>\$44,230</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	70	969,407	2.98	59.50	\$0	\$0	\$11,550	\$11,550	7.8
High Efficiency Clothes Washers (HECW)	207	1,861,652	5.71	85.70	\$0	\$0	\$22,770	\$22,770	8.0
Rotating Nozzles for Pop-up Spray Heads	36	46,923	0.14	0.72	\$0	\$0	\$144	\$144	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$0	\$80	\$80	0.5
Water Wise Landscape (Turf Buy Back) (16,789 Sq. Ft.)	16	765,900	2.35	23.50	\$0	\$25,484	\$0	\$25,484	21.7
Synthetic Turf (28,243 Sq. Ft.)	23	1,288,421	3.95	39.54	\$0	\$8,473	\$8,473	\$16,946	8.6
<b>Subtotal</b>	<b>353</b>	<b>5,038,204</b>	<b>15</b>	<b>212</b>	<b>\$0</b>	<b>\$33,957</b>	<b>\$43,017</b>	<b>\$76,974</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	387	5,359,434	16.45	328.95	\$0	\$52,245	\$63,855	\$116,100	14.2
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	5	44,967	0.14	1.38	\$0	\$500	\$400	\$900	13.1
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	10	498,552	1.53	7.65	\$0	\$0	\$600	\$600	0.8
<b>Subtotal</b>	<b>402</b>	<b>5,902,954</b>	<b>18</b>	<b>338</b>	<b>\$0</b>	<b>\$52,745</b>	<b>\$64,855</b>	<b>\$117,600</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	347	112,165,735	344.22	3,442.24	\$0	\$0	\$1,411,069	\$1,411,069	8.2
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>347</b>	<b>112,165,735</b>	<b>344</b>	<b>3,442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,411,069</b>	<b>\$1,411,069</b>	
	<b>1,102</b>	<b>123,106,892</b>	<b>378</b>	<b>3,992</b>	<b>\$0</b>		<b>\$1,518,940</b>	<b>\$1,605,642</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	7	86,448	0.27	5.31	\$0	\$0	\$420	\$420	3.7
High Efficiency Toilets (HET)	14	193,881	0.60	11.90	\$0	\$0	\$2,310	\$2,310	9.1
High Efficiency Clothes Washers (HECW)	240	2,158,437	6.62	99.36	\$0	\$0	\$26,400	\$26,400	9.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (552 Sq. Ft.)	1	25,182	0.08	0.77	\$0	\$1,104	\$0	\$1,104	33.5
Synthetic Turf (3,690 Sq. Ft.)	7	168,335	0.52	5.17	\$0	\$1,107	\$1,107	\$2,214	10.0
<b>Subtotal</b>	<b>269</b>	<b>2,632,283</b>	<b>8</b>	<b>123</b>	<b>\$0</b>	<b>\$2,211</b>	<b>\$30,237</b>	<b>\$32,448</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	14	559,747	1.72	34.36	\$0	\$0	\$5,600	\$5,600	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>14</b>	<b>559,747</b>	<b>2</b>	<b>34</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,600</b>	<b>\$5,600</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	45	2,249,349	6.90	34.52	\$0	\$0	\$17,100	\$17,100	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>45</b>	<b>2,249,349</b>	<b>7</b>	<b>35</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,100</b>	<b>\$17,100</b>	
<b>TOTAL</b>	<b>328</b>	<b>5,441,379</b>	<b>17</b>	<b>191</b>	<b>\$0</b>	<b>\$2,211</b>	<b>\$52,937</b>	<b>\$55,148</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	16	180,912	0.56	11.10	\$0	\$0	\$960	\$960	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	223	6,147,440	18.87	282.99	\$0	\$0	\$24,530	\$24,530	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	4	847,213	2.60	26.00	\$0	\$640	\$320	\$960	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	9	1,906,228	5.85	58.50	\$0	\$0	\$2,160	\$2,160	0.9
<b>Subtotal</b>	<b>252</b>	<b>9,081,793</b>	<b>28</b>	<b>379</b>	<b>\$0</b>	<b>\$640</b>	<b>\$27,970</b>	<b>\$28,610</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>252</b>	<b>9,081,793</b>	<b>28</b>	<b>379</b>	<b>\$0</b>	<b>\$640</b>	<b>\$27,970</b>	<b>\$28,610</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	65	734,957	2.26	45.11	\$0	\$130	\$7,800	\$7,930	8.2
High Efficiency Clothes Washers	214	1,924,606	5.91	88.60	\$0	\$130	\$14,300	\$14,430	5.7
<b>Subtotal</b>	<b>279</b>	<b>2,659,563</b>	<b>8</b>	<b>134</b>	<b>\$0</b>	<b>\$260</b>	<b>\$22,100</b>	<b>\$22,360</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,175	13,285,760	40.77	815.45	\$0	\$3,604	\$6,360	\$9,964	0.6
<b>Subtotal</b>	<b>1,175</b>	<b>13,285,760</b>	<b>41</b>	<b>815</b>	<b>\$0</b>	<b>\$3,604</b>	<b>\$6,360</b>	<b>\$9,964</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>1,454</b>	<b>15,945,323</b>	<b>49</b>	<b>949</b>	<b>\$0</b>	<b>\$3,864</b>	<b>\$28,460</b>	<b>\$32,324</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	7	79,149	0.24	4.86	\$0	\$77	\$420	\$497	4.8
IEUA Rebate Program (ULFT)	79	893,255	2.74	54.83	\$0	\$79	\$4,740	\$4,819	4.1
High Efficiency Clothes Washers	307	2,761,001	8.47	127.10	\$0	\$307	\$33,770	\$34,077	9.4
Pool Cover Rebates	6	102,492	0.31	1.57	\$0	\$318	\$0	\$318	2.4
<b>Subtotal</b>	<b>399</b>	<b>3,835,897</b>	<b>12</b>	<b>188</b>	<b>\$0</b>	<b>\$781</b>	<b>\$38,930</b>	<b>\$39,711</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	530	5,992,726	18.39	367.82	\$0	\$55,650	\$31,800	\$87,450	11.1
<b>Subtotal</b>	<b>530</b>	<b>5,992,726</b>	<b>18</b>	<b>368</b>	<b>\$0</b>	<b>\$55,650</b>	<b>\$31,800</b>	<b>\$87,450</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>929</b>	<b>9,828,623</b>	<b>30</b>	<b>556</b>	<b>\$0</b>	<b>\$56,431</b>	<b>\$70,730</b>	<b>\$127,161</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
IEUA Regional Event (ULFT)	3	33,921	0.10	2.08	\$0	\$33	\$180	\$213	5.1
IEUA Rebate Program (ULFT)	189	2,137,029	6.56	131.17	\$0	\$189	\$11,340	\$11,529	4.6
High Efficiency Clothes Washers	233	2,095,483	6.43	96.46	\$0	\$233	\$25,630	\$25,863	5.7
Pool Cover Rebates	21	802,854	2.46	12.30	\$0	\$1,113	\$0	\$1,113	2.4
<b>Subtotal</b>	<b>446</b>	<b>5,069,286</b>	<b>16</b>	<b>242</b>	<b>\$0</b>	<b>\$1,568</b>	<b>\$37,150</b>	<b>\$38,718</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	25	282,676	0.87	17.35	\$0	\$850	\$1,500	\$2,350	4.3
<b>Subtotal</b>	<b>25</b>	<b>282,676</b>	<b>1</b>	<b>17</b>	<b>\$0</b>	<b>\$850</b>	<b>\$1,500</b>	<b>\$2,350</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Water Brooms (Rebate)	19	949,725	2.91	14.57	\$0	\$1,900	\$1,900	\$3,800	3.1
Water Brooms (Distribution)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
<b>Subtotal</b>	<b>19</b>	<b>949,725</b>	<b>3</b>	<b>15</b>	<b>\$0</b>	<b>\$1,900</b>	<b>\$1,900</b>	<b>\$3,800</b>	
<b>TOTAL</b>	<b>490</b>	<b>6,301,687</b>	<b>19</b>	<b>274</b>	<b>\$0</b>	<b>\$4,318</b>	<b>\$40,550</b>	<b>\$44,868</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
IEUA Regional Event (ULFT)	48	542,737	1.67	33.31	\$0	\$528	\$2,880	\$3,408	5.4
IEUA Rebate Program (ULFT)	28	316,597	0.97	19.43	\$0	\$28	\$1,680	\$1,708	4.5
High Efficiency Clothes Washers	199	1,789,704	5.49	82.39	\$0	\$199	\$21,890	\$22,089	5.8
Pool Cover Rebates	27	1,246,986	3.83	19.15	\$0	\$1,431	\$0	\$1,431	2.4
<b>Subtotal</b>	<b>302</b>	<b>3,896,024</b>	<b>12</b>	<b>154</b>	<b>\$0</b>	<b>\$2,186</b>	<b>\$26,450</b>	<b>\$28,636</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	5	249,928	0.77	3.84	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	16	20,854	0.06	0.32	\$0	\$0	\$800	\$800	0.5
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>21</b>	<b>270,782</b>	<b>1</b>	<b>4</b>	<b>\$0</b>	<b>\$900</b>	<b>\$1,700</b>	<b>\$2,600</b>	
<b>TOTAL</b>	<b>323</b>	<b>4,166,806</b>	<b>13</b>	<b>158</b>	<b>\$0</b>	<b>\$3,086</b>	<b>\$28,150</b>	<b>\$31,236</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary**  
**City of Chino Hills**  
**FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	5	8	2,198	92
<i>Shows That Teach</i>	2	4	1,068	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	0	0	0

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	15	39	\$12,150.00
<i>Landscape Design Services</i>	14	0	\$3,360

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$3,422.58
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$2,000
	2017-2018	\$2,000
	2016-2017	\$0
	2015-2016	\$0
	2014-2015	\$2,000
	2013-2014	\$2,000
	2012-2013	\$0
	2011-2012	\$2,000
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$0
	2007-2008	\$0
	<b>TOTAL</b>	<b>\$10,000</b>

City of Chino Hills  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2018-19</b>				
National Theater for Children	5	2,198	92	\$ 5,200.00
Garden In Every School	N/A	N/A	N/A	N/A
Shows That Teach	2	1,068	N/A	\$ 1,655.00
<b>TOTAL</b>	<b>7</b>	<b>3,266</b>	<b>92</b>	<b>\$ 6,855.00</b>
<b>FY 2017-18</b>				
National Theater for Children	4	1,415	60	\$ 4,160.00
Garden In Every School	4	2,779	107	\$ 3,303.05
Shows That Teach	2	1,166	N/A	\$ 1,950.00
<b>TOTAL</b>	<b>10</b>	<b>5,360</b>	<b>167</b>	<b>\$ 9,413.05</b>
<b>FY 2016-17</b>				
National Theater for Children	5	2,087	88	\$ 5,200.00
Garden In Every School	2	1,587	29	\$ 9,000.00
Shows That Teach	4	2,634	96	\$ 2,335.00
<b>TOTAL</b>	<b>11</b>	<b>6,308</b>	<b>213</b>	<b>\$ 16,535.00</b>
<b>FY 2015-16</b>				
National Theater for Children	6	2,900	127	\$ 6,050.00
Garden In Every School	1	567	27	\$ 10,589.44
Shows That Teach	4	2,241	95	\$ 3,650.00
<b>TOTAL</b>	<b>11</b>	<b>5,708</b>	<b>249</b>	<b>\$ 20,289.44</b>
<b>FY 2014-15</b>				
National Theater for Children	8	3,706	151	\$ 8,120.00
Garden In Every School	1	350	9	\$ 4,500.00
Shows That Teach	3	950	35	\$ 2,175.00
<b>TOTAL</b>	<b>12</b>	<b>5,006</b>	<b>195</b>	<b>\$ 14,795.00</b>
<b>FY 2013-14</b>				
National Theater for Children	8	3,610	133	\$ 8,120.00
Garden In Every School	2	200	4	\$ 1,998.68
<b>TOTAL</b>	<b>10</b>	<b>3,810</b>	<b>137</b>	<b>\$ 10,118.68</b>
<b>FY 2012-13</b>				
<b>National Theater for Children</b>	<b>5</b>	<b>2,340</b>	<b>81</b>	<b>\$ 4,730.00</b>
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>2,340</b>	<b>81</b>	<b>\$ 4,730.00</b>
<b>FY 2011-12</b>				
National Theater for Children	8	3,415	121	\$ 7,861.52
<b>Garden In Every School</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
<b>TOTAL</b>	<b>8</b>	<b>3,415</b>	<b>121</b>	<b>\$ 7,861.52</b>
<b>FY 2010-11</b>				
National Theater for Children	8	3,625	161	\$ 7,861.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>8</b>	<b>3,625</b>	<b>161</b>	<b>\$ 7,861.52</b>

City of Chino Hills (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2009-10				
National Theater for Children	6	2798	118	\$ 5,844.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>6</b>	<b>2798</b>	<b>118</b>	<b>\$ 5,844.00</b>
FY 2008-09				
National Theater for Children	9	4177	169	\$ 8,352.00
Garden In Every School	1	502	24	\$ 4,500.00
<b>TOTAL</b>	<b>10</b>	<b>4679</b>	<b>193</b>	<b>\$ 12,852.00</b>
FY 2007-08				
National Theater for Children	8	4352	140	\$ 8,216.00
Garden In Every School	1	300	14	\$ 7,776.00
<b>TOTAL</b>	<b>9</b>	<b>4652</b>	<b>154</b>	<b>\$ 15,992.00</b>
FY 2006-07				
National Theater for Children	6	3770	162	\$ 15,080.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	125	4	
<b>TOTAL</b>	<b>7</b>	<b>3895</b>	<b>166</b>	<b>\$ 15,080.00</b>
FY 2005-06				
National Theater for Children	6	3708	161	\$ 14,832.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	175	4	
<b>TOTAL</b>	<b>7</b>	<b>3883</b>	<b>165</b>	<b>\$ 14,832.00</b>
FY 2004-05				
National Theater for Children	4	2093	91	\$ 8,372.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	175	4	
<b>TOTAL</b>	<b>5</b>	<b>2303</b>	<b>94</b>	<b>\$ 8,372.00</b>
FY 2003-04				
Think Earth! It's Magic	1	761	33	\$ 3,044.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>1</b>	<b>761</b>	<b>33</b>	<b>\$ 3,044.00</b>
FY 2002-03				
Think Earth! It's Magic	2	633	29	\$ 2,532.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>2</b>	<b>633</b>	<b>29</b>	<b>\$ 2,532.00</b>
<b>2002-2019 Totals</b>	<b>129</b>	<b>62442</b>	<b>2368</b>	<b>\$ 177,007.21</b>

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino Hills	Yang	1		Chino Hills	N/A	0.07	184	136	0.11	Make sure that all sprinklers have the same matched nozzings and the correct arc of throw to elimiate overspray and run off.
City of Chino Hills	Anuvat	1		Chino Hills	N/A	0.11	275	203	0.17	Make the nessecary changes that were presented in the report.
City of Chino Hills	Aris	1		Chino Hills	N/A	0.03	63	53	0.02	Participate in the irrigaiton controller upgrade program and input the irrigation schedule provided in the report.
City of Chino Hills	Lekkerker	1		Chino Hills	N/A	0.08	169	125	0.10	Repair the irrigaiton leaks found during site visist. Adjust the irrigaiton system per the report.
City of Chino Hills	Tran	1		Chino Hills	N/A	0.17	240	204	0.00	Repair the irrigation system before the conservation team can provide a proper evaluation.
City of Chino Hills	Baca	1		Chino Hills	N/A	0.14	251	227	0.06	Make the proper irrigation repairs shown in the report.
City of Chino Hills	Henmi	1		Chino Hills	N/A	0.03	113	55	0.13	Input the irrigation schedule provided.
City of Chino Hills	Rosenthal	1		Chino Hills	N/A	0.21	507	376	0.30	Make nessecary repairs highlighted in the report.
City of Chino Hills	Wu	1		Chino Hills	N/A	0.1	58	113	0.00	Adjust irrigation schedule.
City of Chino Hills	Rasshan	1		Chino Hills	N/A	0.05	95	91	0.01	Make nessecary repairs highlighted in the report.
City of Chino Hills	Ting	1		Chino Hills	N/A	0.05	41	93	0.00	Make irrigation repairs highlighted in report.
City of Chino Hills	Damerell	1		Chino Hills	N/A	0.04	114	76	0.09	Make minor repiars provided in the report and make irrigation schedule adjustments.
City of Chino Hills	Yang	1		Chino Hills	N/A	0.06	112	127	0.00	Make irrigation repairs provided in the report. Apply for available rebates.
City of Chino Hills	Matyas	1		Chino Hills	N/A	0.21	507	376	0.30	Make irrigation repairs provided in the report. Apply for available rebates.

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually)	Potential Savings AF/YR	Recommendations
City of Chino Hills	Han	1		Chino Hills	N/A	0.09	94	154	0.00	Adjust irrigation schedule to the one provided in the report.
City of Chino Hills	Summit Ranch HOA		27	Chino Hills	67%	29.92	37000	32689	9.91	Adjust the irrigation schedule to the one provided in the report. Make nessacary irrigation repairs.
City of Chino Hills	Sycamore Crest HOA		1	Chino Hills	57%	0.50	890	839	0.12	Make repairs highlighted in report. Refer to section on turf maintenance for suggestions.
City of Chino Hills	East Carbon Canyon Estates		3	Chino Hills	65%	4.66	8727	8552	0.40	Refer to the irrigation schedule provided in the report.
City of Chino Hills	City of Chino Hills		4	Chino Hills	N/A	5.43	4593	5435	0.00	Repair broken irrigaiton detailed in the report and adjust irrigation to schedule providee.
City of Chino Hills	City of Chino Hills		4	Chino Hills	63%	5.09	15372	9132	14.34	Make minor repairs highlighted in report. Refer to irrigation schedule provided in the report.

# CUCAMONGA VALLEY WATER DISTRICT

Annual Water Use Efficiency Programs Report

FY 2018-2019



*Service Beyond Expectation*



# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	13	104,223	0	6	\$0	\$780	\$520	\$1,300	5.1
High Efficiency Clothes Washers (HECW)	148	1,664,045	5	71	\$0	\$11,100	\$12,580	\$23,680	5.8
Rotating Nozzles for Pop-up Spray Heads (1 App/ 80 Nozzles)	1	114,717	0	2	\$0	\$240	\$160	\$400	1.4
Weather based Irrigation Controllers (WBIC)	190	2,563,529	8	79	\$0	\$15,200	\$15,200	\$30,400	4.8
Turf Removal (36,039 Sq. Ft.)	31	1,549,677	5	48	\$0	\$31,880	\$60,342	\$92,222	24.3
Rain Barrels	3	1,858	0	0	\$0	\$0	\$105	\$105	23.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	1	13,492	0	0	\$0	\$0	\$80	\$80	2.4
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (30 Small Sites/ 8 Large Sites)	38	N/A	N/A	N/A	\$20,568	\$0	\$0	\$20,568	0.0
Residential Landscape Retrofit Program (62 WBIC/ 1,124 Nozzles)	44	2,448,291	8	50	\$19,889	\$0	\$20,701	\$40,590	6.8
Res Education, Survey, and Controller Upgrade Program (58 WBIC)	55	782,551	2	24	\$0	\$23,007	\$14,101	\$37,109	19.3
Residential Pressure Regulation Program	132	5,076,218	16	156	\$0	\$35,008	\$33,636	\$68,644	5.5
<b>Subtotal</b>	<b>656</b>	<b>14,318,602</b>	<b>44</b>	<b>436</b>	<b>\$40,458</b>	<b>\$117,216</b>	<b>\$157,425</b>	<b>\$315,098</b>	<b>9.6</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	1	209,880	1	3	\$0	\$375	\$625	\$1,000	1.9
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (5,763 Sq. Ft.)	3	244,161	1	7	\$0	\$5,763	\$11,526	\$17,289	28.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>454,041</b>	<b>1</b>	<b>11</b>	<b>\$0</b>	<b>\$9,746</b>	<b>\$12,151</b>	<b>\$21,897</b>	
<b>TOTAL</b>	<b>660</b>	<b>14,772,643</b>	<b>45</b>	<b>447</b>	<b>\$40,458</b>	<b>\$126,961</b>	<b>\$169,576</b>	<b>\$336,995</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	37	296,634	1	18	\$0	\$2,220	\$1,480	\$3,700	5.3
High Efficiency Clothes Washers (HECW)	156	1,753,994	5	75	\$0	\$10,140	\$13,260	\$23,400	5.6
Rotating Nozzles for Pop-up Spray Heads (5 Apps/ 231 Nozzles)	231	331,245	1	5	\$0	\$693	\$462	\$1,155	1.5
Weather based Irrigation Controllers (WBIC)	72	971,443	3	30	\$0	\$5,040	\$5,760	\$10,800	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	9	5,573	0	0	\$0	\$0	\$315	\$315	23.9
Cisterns	2	0	0	0	\$0	\$0	\$600	\$600	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$3,472 Total Cost)	992	1,422,488	4	22	\$0	\$1,488	\$1,984	\$3,472	1.0
Residential Landscape Retrofit Program (50 WBIC/ 863 Nozzles)	29	1,912,120	6	44	\$13,891	\$556	\$13,335	\$27,782	6.1
Residential Education, Survey, and Controller Upgrade Program (59 WBIC)	51	796,043	2	24	\$0	\$30,202	\$5,753	\$35,955	19.1
Residential Pressure Regulation Program	115	4,422,463	14	136	\$0	\$28,098	\$24,917	\$53,015	5.1
<b>Subtotal</b>	<b>1,694</b>	<b>11,912,003</b>	<b>37</b>	<b>354</b>	<b>\$13,891</b>	<b>\$78,437</b>	<b>\$67,866</b>	<b>\$160,194</b>	<b>5.9</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$3607.50 Total Cost)	650	847,340	3	13	\$0	\$2,308	\$1,300	\$3,608	1.8
<b>Subtotal</b>	<b>650</b>	<b>847,340</b>	<b>3</b>	<b>13</b>	<b>\$0</b>	<b>\$2,308</b>	<b>\$1,300</b>	<b>\$3,608</b>	
<b>TOTAL</b>	<b>2,344</b>	<b>12,759,343</b>	<b>39</b>	<b>367</b>	<b>\$13,891</b>	<b>\$80,744</b>	<b>\$69,166</b>	<b>\$163,802</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	57	456,977	1	28	\$0	\$3,022	\$2,340	\$5,362	5.1
High Efficiency Clothes Washers (HECW)	224	2,518,555	8	108	\$0	\$5,330	\$19,040	\$24,370	4.2
Rotating Nozzles for Pop-up Spray Heads	221	316,858	1	5	\$0	\$194	\$442	\$636	0.9
Weather based Irrigation Controllers (WBIC)	123	1,659,548	5	51	\$0	\$2,840	\$9,878	\$12,718	3.4
Turf Removal (129,422 Sq. Ft.)	75	5,483,222	17	168	\$0	\$0	\$229,262	\$229,262	18.3
Rain Barrels	34	21,053	0	0	\$0	\$0	\$2,150	\$2,150	44.7
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	959	1,375,168	4	21	\$0	\$1,534	\$1,918	\$3,452	1.1
Residential Landscape Retrofit Program (105 WBIC/685 Nozzles)	76	2,398,950	7	59	\$33,911	\$823	\$33,088	\$67,822	12.4
Residential Education, Survey, and Controller Upgrade Program	73	984,935	3	30	\$0	\$29,456	\$15,195	\$44,650	19.9
Residential Pressure Regulation Program	42	0	4	42	\$0	\$3,489	\$8,871	\$12,360	3.9
<b>Subtotal</b>	<b>1,885</b>	<b>15,215,265</b>	<b>51</b>	<b>513</b>	<b>\$33,911</b>	<b>\$46,689</b>	<b>\$322,483</b>	<b>\$403,082</b>	<b>10.6</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	95	761,628	2	47	\$0	\$3,840	\$7,055	\$10,895	6.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	34	142,940	0.44	4	\$0	\$3,512	\$29,791	\$33,303	102.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (60,632 Sq. Ft.)	3	2,568,796	8	79	\$0	\$31,321	\$56,321	\$87,642	14.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	4,090	5,331,724	16	82	\$0	\$12,270	\$8,180	\$20,450	1.7
<b>Subtotal</b>	<b>4,772</b>	<b>9,557,917</b>	<b>29</b>	<b>235</b>	<b>\$0</b>	<b>\$53,693</b>	<b>\$104,097</b>	<b>\$157,790</b>	
<b>TOTAL</b>	<b>6,657</b>	<b>24,773,182</b>	<b>80</b>	<b>748</b>	<b>\$33,911</b>	<b>\$100,382</b>	<b>\$426,580</b>	<b>\$560,872</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	640	8,864,480	27	544	\$0	\$7,813	\$61,414	\$69,227	3.5
High Efficiency Clothes Washers (HECW)	272	3,058,246	9	131	\$0	\$5,265	\$22,525	\$27,790	4.1
Rotating Nozzles for Pop-up Spray Heads	635	910,565	3	14	\$0	\$0	\$2,015	\$2,015	1.0
Weather based Irrigation Controllers (WBIC)	92	9,744,410	30	299	\$0	\$1,840	\$12,434	\$14,274	0.7
Turf Removal (826,764 Sq. Ft.)	436	35,027,510	107	1,075	\$0	\$0	\$1,604,094	\$1,604,094	20.7
Rain Barrels	410	253,876	1	4	\$0	\$0	\$12,757	\$12,757	22.7
Soil Moisture Sensor Systems	1	13,492	0.04	0.41	\$0	\$42	\$80	\$122	4.1
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	6,169	8,846,099	27	136	\$0	\$9,870	\$12,338	\$22,208	1.1
Residential Landscape Retrofit Program (576 WBIC/3,786 Nozzles)	171	66,437,974	204	1,955	\$89,123	\$0	\$89,123	\$178,245	1.2
Landscape Transformation Program (8,900 Sq. Ft.)	10	377,066	1	12	\$2,670	\$26,985	\$0	\$29,655	35.5
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>8,836</b>	<b>133,533,718</b>	<b>410</b>	<b>4,170</b>	<b>\$91,793</b>	<b>\$51,815</b>	<b>\$1,816,781</b>	<b>\$1,960,388</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	3,344	46,316,908	142	2,842	\$0	\$88,040	\$427,490	\$515,530	5.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	59	6,249,133	19	192	\$0	\$11,970	\$42,525	\$54,495	3.9
Rotating Nozzles for Pop-up Spray Heads	9,860	14,138,846	43	217	\$0	\$7,300	\$29,390	\$36,690	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	4	200,754	1	6	\$0	\$0	\$2,000	\$2,000	4.5
Turf Removal (1,567,051 Sq. Ft.)	36	66,391,250	204	2,037	\$0	\$185,434	\$2,734,957	\$2,920,391	19.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	2,178	2,981,203	9	91	\$0	\$2,250	\$2,250	\$4,500	0.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	6,340	8,264,824	25	127	\$0	\$11,101	\$12,680	\$23,781	1.3
<b>Subtotal</b>	<b>21,821</b>	<b>144,542,917</b>	<b>444</b>	<b>5,513</b>	<b>\$0</b>	<b>\$306,095</b>	<b>\$3,251,292</b>	<b>\$3,557,387</b>	
<b>TOTAL</b>	<b>30,657</b>	<b>278,076,636</b>	<b>853</b>	<b>9,683</b>	<b>\$91,793</b>	<b>\$357,910</b>	<b>\$5,068,073</b>	<b>\$5,517,775</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

	District Devices/	Gallons Saved	AF Saved	AF Saved	Funding Sources (dollars)				Payback Period
					Outside				
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	445	6,163,584	19	378	\$0	\$22,250	\$22,250	\$44,500	3.1
High Efficiency Clothes Washers (HECW)	306	4,238,330	13	260	\$0	\$19,890	\$26,010	\$45,900	4.7
Rotating Nozzles for Pop-up Spray Heads	373	5,166,330	16	317	\$0	\$373	\$1,492	\$1,865	0.2
Weather based Irrigation Controllers (WBIC)	34	470,926	1	29	\$0	\$2,380	\$2,720	\$5,100	4.7
Turf Removal (79,670 Sq. Ft.)	50	3,373,065	10	207	\$0	\$0	\$157,556	\$157,556	20.2
Rain Barrels	70	969,553	3	60	\$0	\$0	\$5,250	\$5,250	2.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	11,090	153,581,723	471	9,427	\$0	\$0	\$25,650	\$25,650	0.1
Residential Landscape Retrofit Program (79 WBIC/1,323 Nozzles)	52	10,102,900	31	286	\$55,569	\$0	\$55,569	\$111,138	4.8
Landscape Transformation Program (26,070 Sq. Ft.)	27	556,097	2	17	\$0	\$34,134	\$52,140	\$86,274	67.1
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)		0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)		0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	107	1,482,030	5	91	\$0	\$14,445	\$17,655	\$32,100	9.4
Weather Based Irrigation Controllers (WBIC)	41	4,342,618	13	133	\$0	\$14,750	\$14,850	\$29,600	3.0
Synthetic Turf (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	22,234	28,984,242	89	445	\$0	\$552	\$3,086	\$3,638	0.1
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (283,719 Sq. Ft.)	36	11,993,120	37	368	\$0	\$283,719	\$567,438	\$851,157	30.8
<b>Subtotal</b>									
Fontana Unified School Retrofit Program		0	0	0	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	26,025	33,921,089	104	521	\$0	\$0	\$84,581	\$84,581	1.1
<b>Subtotal</b>	<b>48,443</b>	<b>80,723,099</b>	<b>248</b>	<b>1,557</b>	<b>\$0</b>	<b>\$314,466</b>	<b>\$688,610</b>	<b>\$1,003,076</b>	
<b>TOTAL</b>	<b>60,890</b>	<b>265,345,605</b>	<b>814</b>	<b>12,538</b>	<b>\$55,569</b>	<b>\$393,493</b>	<b>\$1,037,247</b>	<b>\$1,486,309</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	170	2,354,273	7	145	\$0	\$8,500	\$8,500	\$17,000	3.1
High Efficiency Clothes Washers (HECW)	383	5,304,040	16	326	\$0	\$24,895	\$32,555	\$57,450	4.7
Rotating Nozzles for Pop-up Spray Heads	15	207,730	1	13	\$0	\$15	\$60	\$75	0.2
Weather based Irrigation Controllers (WBIC)	34	470,855	1	29	\$0	\$2,380	\$2,720	\$5,100	4.7
Synthetic Turf ( Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	26	360,065	1	6	\$0	\$0	\$1,950	\$1,950	2.3
<b>IEUA Locally Implemented Residential Programs</b>									
Residential Landscape Retrofit Program (64 WBIC/1,366 Nozzles)	41	8,736,065	27	238	\$22,825	\$0	\$22,825	\$45,650	2.3
Landscape Transformation Program (12,190 Sq. Ft.)	13	556,097	2	17	\$0	\$19,026	\$17,890	\$36,916	28.8
<b>Subtotal</b>	<b>6,835</b>	<b>103,199,977</b>	<b>317</b>	<b>6,002</b>	<b>\$22,825</b>	<b>\$54,816</b>	<b>\$109,656</b>	<b>\$187,297</b>	
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	20	2,118,032	7	65	\$0	\$14,750	\$14,850	\$29,600	6.1
Synthetic Turf (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	792	1,032,296	3	16	\$0	\$552	\$3,086	\$3,638	1.5
Pre-Rinse Nozzles	0	0	0	0	\$1	\$0	\$0	\$1	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	1,588,198	5	49	\$0	\$1,000	\$1,000	\$2,000	0.5
Fontana Unified School Retrofit Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	12,700	16,553,231	51	254	\$0	\$0	\$41,275	\$41,275	1.1
<b>Subtotal</b>	<b>13,513</b>	<b>21,291,756</b>	<b>65</b>	<b>384</b>	<b>\$0</b>	<b>\$16,302</b>	<b>\$60,211</b>	<b>\$76,514</b>	
<b>TOTAL</b>	<b>20,348</b>	<b>124,491,733</b>	<b>382</b>	<b>6,386</b>	<b>\$22,825</b>	<b>\$71,118</b>	<b>\$169,867</b>	<b>\$263,811</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$150	\$150	\$300	3.2
High Efficiency Clothes Washers (HECW)	295	4,085,357	12.54	250.75	\$0	\$19,175	\$25,075	\$44,250	4.9
Rotating Nozzles for Pop-up Spray Heads	16	221,579	0.68	13.60	\$0	\$16	\$64	\$80	0.2
Weather based Irrigation Controllers (WBIC)	22	304,671	0.94	18.70	\$0	\$1,540	\$1,760	\$3,300	4.9
Synthetic Turf ( Sq. Ft.)	0	0	0.00	0.00	0			0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	8,496	117,658,279	361	7,222	\$0	\$0	\$23,156	\$23,156	0.1
Landscape Transformation Program (5,455 Sq. Ft.)	6	248,852	0.76	7.64	\$1,900	\$4,249	\$5,119	\$11,268	20.3
<b>Subtotal</b>	<b>8,880</b>	<b>134,942,622</b>	<b>414</b>	<b>7,831</b>	<b>\$25,716</b>	<b>\$29,006</b>	<b>\$83,017</b>	<b>\$137,739</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	179	2,478,911	7.61	152.15	\$13,128	\$6,383	\$8,950	\$28,461	5.1
<b>Subtotal</b>	<b>179</b>	<b>2,478,911</b>	<b>8</b>	<b>152</b>	<b>\$13,128</b>	<b>\$6,383</b>	<b>\$8,950</b>	<b>\$28,461</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$1	\$0	\$0	\$1	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	17,635	22,985,530	70.54	352.70	\$0	\$0	\$57,314	\$57,314	1.1
<b>Subtotal</b>	<b>17,677</b>	<b>24,295,451</b>	<b>75</b>	<b>392</b>	<b>\$0</b>	<b>\$6,295</b>	<b>\$66,334</b>	<b>\$72,630</b>	
<b>TOTAL</b>	<b>26,736</b>	<b>161,716,984</b>	<b>496</b>	<b>8,375</b>	<b>\$38,844</b>	<b>\$41,684</b>	<b>\$158,301</b>	<b>\$238,830</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	361	3,246,649	9.96	149.45	\$0	\$0	\$30,685	\$30,685	4.5
Rotating Nozzles for Pop-up Spray Heads	513	668,646	2.05	10.26	\$0	\$1,026	\$1,539	\$2,565	1.8
Weather Based Irrigation Controllers (WBIC)	33	3,494,752	10.73	107.25	\$0	\$1,485	\$2,640	\$4,125	0.6
FreeSprinklerNozzles.com Program	19,915	25,957,291	79.66	398.30	\$0	\$0	\$21,375	\$21,375	0.4
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>20,822</b>	<b>33,367,338</b>	<b>102</b>	<b>665</b>	<b>\$0</b>	<b>\$2,511</b>	<b>\$56,239</b>	<b>\$58,750</b>	
IEUA Multi-Family Direct Install Prog. (HET)	10	138,487	0.43	8.50	\$733	\$357	\$500	\$1,590	5.5
IEUA Single-Family Direct Install Prog. (HET)	189	2,617,398	8.03	160.65	\$13,861	\$6,740	\$9,450	\$30,051	5.5
<b>Subtotal</b>	<b>199</b>	<b>2,755,885</b>	<b>8</b>	<b>169</b>	<b>\$14,595</b>	<b>\$7,096</b>	<b>\$9,950</b>	<b>\$31,641</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
PH Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	37	3,918,358	12.03	120.25	\$0	\$2,716	\$6,775	\$9,491	1.2
Synthetic Turf (Sq. Ft.)	37	1,688	0.01	0.05	\$0	\$17	\$11	\$28	7.9
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program									0.0
FreeSprinklerNozzles.com Program	1,300	7,624,913	23.40	234.00	\$0	\$0	\$16,900	\$16,900	1.1
Central Computerized Irrigation Controller	11	17,470,176	53.61	536.14	\$0	\$3,480	\$8,700	\$12,180	0.3
<b>Subtotal</b>	<b>2,893</b>	<b>31,560,846</b>	<b>97</b>	<b>957</b>	<b>\$0</b>	<b>\$8,456</b>	<b>\$39,865</b>	<b>\$48,321</b>	
<b>TOTAL</b>	<b>23,914</b>	<b>67,684,069</b>	<b>208</b>	<b>1,792</b>	<b>\$14,595</b>	<b>\$18,063</b>	<b>\$106,054</b>	<b>\$138,712</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	44	609,341	1.87	37.40	\$0	\$1,540	\$2,200	\$3,740	4.0
High Efficiency Clothes Washers (HECW)	685	6,160,539	18.91	283.59	\$0	\$0	\$58,225	\$58,225	6.2
Rotating Nozzles for Pop-up Spray Heads	493	642,578	1.97	9.86	\$0	\$986	\$1,479	\$2,465	2.5
Weather Based Irrigation Controllers (WBIC)	11	1,164,917	3.58	35.75	\$0	\$495	\$880	\$1,375	0.8
Synthetic Turf (6,587 Sq. Ft.)	7	300,538	0.92	9.22	\$0	\$2,964	\$1,976	\$4,940	10.7
FreeSprinklerNozzles.com Program	285	371,526	1.14	5.70	\$0	\$0	\$21,375	\$21,375	37.6
Residential Landscape Retrofit Program									
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	287	3,974,568	12	244	\$21,049	\$10,234	\$14,350	\$45,633	7.5
<b>Subtotal</b>	<b>287</b>	<b>3,974,568</b>	<b>12</b>	<b>244</b>	<b>\$21,049</b>	<b>\$10,234</b>	<b>\$14,350</b>	<b>\$45,633</b>	
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	9	359,837	1	22	\$0	\$450	\$1,800	\$2,250	4.1
PH Conductivity Controller	2	419,696	1	6	\$0	\$1,000	\$3,500	\$4,500	7.0
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0	0	\$0	\$0	\$0	\$0	#DIV/0!
Synthetic Turf (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	2,998	3,907,605	12	60	\$0	\$2,998	\$8,994	\$11,992	2.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program									
<b>Subtotal</b>	<b>3,052</b>	<b>9,240,906</b>	<b>28</b>	<b>228</b>	<b>\$0</b>	<b>\$13,723</b>	<b>\$36,469</b>	<b>\$50,192</b>	
<b>TOTAL</b>	<b>4,864</b>	<b>22,464,914</b>	<b>69</b>	<b>854</b>	<b>\$21,049</b>	<b>\$29,943</b>	<b>\$136,954</b>	<b>\$187,945</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	65	900,163	2.76	55.25	\$0	\$2,275	\$3,250	\$5,525	4.0
High Efficiency Clothes Washers (HECW)	122	1,097,205	3.37	50.51	\$0	\$6,100	\$13,420	\$19,520	11.6
Rotating Nozzles for Pop-up Spray Heads	216	281,535	0.86	4.32	\$0	\$432	\$864	\$1,296	3.0
Weather Based Irrigation Controllers (WBIC)	7	741,311	2.28	22.75	\$0	\$0	\$519	\$519	0.5
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (17,168 Sq. Ft.)	13	783,189	2.40	24.04	\$0	\$7,726	\$5,150	\$12,876	10.7
<b>Subtotal</b>	<b>423</b>	<b>3,803,405</b>	<b>12</b>	<b>157</b>	<b>\$0</b>	<b>\$16,533</b>	<b>\$23,203</b>	<b>\$39,736</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	129	1,786,478	5.48	109.65	\$9,461	\$4,600	\$21,285	\$35,346	12.9
<b>Subtotal</b>	<b>129</b>	<b>1,786,478</b>	<b>5</b>	<b>110</b>	<b>\$9,461</b>	<b>\$4,600</b>	<b>\$21,285</b>	<b>\$35,346</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	1	12,350	0.04	0.76	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	7	96,941	0.30	5.95	\$0	\$945	\$1,155	\$2,100	14.2
Waterless Urinals	144	5,757,396	17.67	353.38	\$0	\$0	\$57,600	\$57,600	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	#DIV/0!
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	49	5,189,177	15.93	159.25	\$0	\$15,735	\$27,548	\$43,283	5.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	8,081	10,532,808	32.32	161.62	\$0	\$0	\$32,324	\$32,324	2.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	#DIV/0!
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>8,282</b>	<b>21,588,671</b>	<b>66</b>	<b>681</b>	<b>\$0</b>	<b>\$16,680</b>	<b>\$118,687</b>	<b>\$135,367</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>8,834</b>	<b>27,178,554</b>	<b>83</b>	<b>947</b>	<b>\$9,461</b>	<b>\$37,813</b>	<b>\$163,175</b>	<b>\$210,449</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	3	37,049	0.11	2.27	\$0	\$0	\$180	\$180	3.2
High Efficiency Toilets (HET)	297	4,113,054	12.62	252.45	\$0	\$0	\$49,005	\$49,005	7.8
High Efficiency Clothes Washers (HECW)	323	2,904,896	8.91	133.72	\$0	\$0	\$35,530	\$35,530	8.0
Rotating Nozzles for Pop-up Spray Heads	575	749,457	2.30	11.50	\$0	\$0	\$2,300	\$2,300	2.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$0	\$320	\$320	0.5
Water Wise Landscape (Turf Buy Back) (66,317 Sq. Ft.)	49	3,025,325	9.28	92.84	\$0	\$87,921	\$0	\$87,921	19.0
Synthetic Turf (35,987 Sq. Ft.)	43	1,641,696	5.04	50.38	\$0	\$10,796	\$10,796	\$21,592	8.6
<b>Subtotal</b>	<b>1,294</b>	<b>12,895,084</b>	<b>40</b>	<b>556</b>	<b>\$0</b>	<b>\$98,717</b>	<b>\$98,131</b>	<b>\$196,848</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	1	12,350	0.04	0.76	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	587	8,129,168	24.95	498.95	\$0	\$79,245	\$96,855	\$176,100	14.2
Waterless Urinals	162	6,477,071	19.88	397.55	\$0	\$0	\$64,800	\$64,800	6.5
Conductivity Controller	4	839,392	2.58	12.88	\$0	\$175	\$2,500	\$2,675	2.1
High Efficiency Clothes Washers	3	26,980	0.08	0.83	\$0	\$300	\$240	\$540	13.1
Water Brooms	3	149,957	0.46	2.30	\$0	\$0	\$450	\$450	2.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3.25	32.50	\$0	\$0	\$6,690	\$6,690	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>770</b>	<b>16,693,933</b>	<b>51</b>	<b>946</b>	<b>\$0</b>	<b>\$79,720</b>	<b>\$171,595</b>	<b>\$251,315</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	16	799,769	2.45	12.27	\$0	\$0	\$5,603	\$5,603	4.6
Weather Based Irrigation Controllers (WBIC)	22	4,365,752	13.40	133.98	\$0	\$0	\$36,539	\$36,539	5.5
Central Computer Irrigation Controllers (CCIC)	25	8,081,105	24.80	248.00	\$0	\$0	\$109,880	\$109,880	8.9
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>63</b>	<b>13,246,625</b>	<b>41</b>	<b>394</b>	<b>\$0</b>	<b>\$0</b>	<b>\$152,022</b>	<b>\$152,022</b>	
<b>TOTAL</b>	<b>2,127</b>	<b>42,835,643</b>	<b>131</b>	<b>1,896</b>	<b>\$0</b>	<b>\$178,437</b>	<b>\$421,748</b>	<b>\$600,185</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	49	605,138	1.86	37.14	\$0	\$0	\$2,940	\$2,940	3.7
High Efficiency Toilets (HET)	45	623,190	1.91	38.25	\$0	\$0	\$7,425	\$7,425	9.1
High Efficiency Clothes Washers (HECW)	457	4,110,024	12.61	189.20	\$0	\$0	\$50,270	\$50,270	9.3
Rotating Nozzles for Pop-up Spray Heads	616	802,897	2.46	12.32	\$0	\$0	\$2,464	\$2,464	2.3
Weather Based Irrigation Controllers (WBIC)	15	1,588,524	4.88	48.75	\$0	\$2,400	\$1,200	\$3,600	1.7
Water Wise Landscape (Turf Buy Back) (8,199 Sq. Ft.)	6	374,031	1.15	11.48	\$0	\$16,398	\$0	\$16,398	33.5
Synthetic Turf (33,087 Sq. Ft.)	34	1,509,400	4.63	46.32	\$0	\$9,926	\$9,926	\$19,852	10.0
<b>Subtotal</b>	<b>1,222</b>	<b>9,613,204</b>	<b>30</b>	<b>383</b>	<b>\$0</b>	<b>\$28,724</b>	<b>\$74,225</b>	<b>\$102,949</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	1,034	12,769,644	39.19	783.77	\$75,834	\$36,872	\$62,040	\$174,746	10.4
<b>Subtotal</b>	<b>1,034</b>	<b>12,769,644</b>	<b>39</b>	<b>784</b>	<b>\$75,834</b>	<b>\$36,872</b>	<b>\$62,040</b>	<b>\$174,746</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	206	8,236,275	25.28	505.52	\$0	\$0	\$82,400	\$82,400	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$175	\$625	\$800	2.9
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$0	\$1,890	\$1,890	4.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>210</b>	<b>8,763,828</b>	<b>27</b>	<b>518</b>	<b>\$0</b>	<b>\$175</b>	<b>\$84,915</b>	<b>\$85,090</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	42	6,377,556	19.57	195.72	\$0	\$0	\$42,168	\$42,168	5.0
Central Computer Irrigation Controllers (CCIC)	36	9,654,313	29.63	296.28	\$0	\$0	\$112,464	\$112,464	8.9
<b>Subtotal</b>	<b>78</b>	<b>16,031,869</b>	<b>49</b>	<b>492</b>	<b>\$0</b>	<b>\$0</b>	<b>\$154,632</b>	<b>\$154,632</b>	
<b>TOTAL</b>	<b>2,544</b>	<b>47,178,546</b>	<b>145</b>	<b>2,178</b>	<b>\$75,834</b>	<b>\$65,772</b>	<b>\$375,812</b>	<b>\$517,417</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	56	633,194	1.94	38.86	\$0	\$0	\$3,360	\$3,360	4.0
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	\$0	\$0	\$1,060	\$1,060	14.6
High Efficiency Clothes Washers (HECW)	426	3,831,226	11.76	176.36	\$0	\$0	\$46,860	\$46,860	9.3
Rotating Sprinkler Nozzles	158	205,938	0.63	3.16	\$0	\$0	\$632	\$632	2.3
Weather Based Irrigation Controllers (WBIC) - Rebate	15	3,177,047	9.75	97.50	\$0	\$2,400	\$1,200	\$3,600	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	119	25,204,575	77.35	773.50	\$0	\$0	\$28,560	\$28,560	0.9
<b>Subtotal</b>	<b>778</b>	<b>33,107,374</b>	<b>102</b>	<b>1093</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$81,672</b>	<b>\$84,072</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	4,053	45,827,391	140.64	2812.78	\$297,247	\$144,530	\$243,180	\$684,957	11.4
<b>Subtotal</b>	<b>4,053</b>	<b>45,827,391</b>	<b>141</b>	<b>2813</b>	<b>\$297,247</b>	<b>\$144,530</b>	<b>\$243,180</b>	<b>\$684,957</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	49	1,955,921	6.00	120.05	\$0	\$0	\$19,600	\$19,600	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>49</b>	<b>1,955,921</b>	<b>6</b>	<b>120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,600</b>	<b>\$19,600</b>	
<b>TOTAL</b>	<b>4,880</b>	<b>80,890,686</b>	<b>248</b>	<b>4,026</b>	<b>\$297,247</b>	<b>\$146,930</b>	<b>\$344,452</b>	<b>\$788,629</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	150	1,696,054	5.21	104.10	\$0	\$150	\$9,000	\$9,150	4.1
High Efficiency Clothes Washers	389	3,498,467	10.74	161.05	\$0	\$389	\$42,790	\$43,179	9.4
<b>Subtotal</b>	<b>539</b>	<b>5,194,521</b>	<b>16</b>	<b>265</b>	<b>\$0</b>	<b>\$539</b>	<b>\$51,790</b>	<b>\$52,329</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	343	3,878,311	11.90	238.04	\$0	\$36,015	\$20,580	\$56,595	11.1
<b>Subtotal</b>	<b>343</b>	<b>3,878,311</b>	<b>12</b>	<b>238</b>	<b>\$0</b>	<b>\$36,015</b>	<b>\$20,580</b>	<b>\$56,595</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	219	2,476,240	8	152	\$0	\$0	\$13,140	\$13,140	4.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$100	\$100	1.5
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	9	1,906,228	5.85	58.50	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>229</b>	<b>4,432,453</b>	<b>14</b>	<b>211</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,240</b>	<b>\$13,240</b>	
<b>TOTAL</b>	<b>1,111</b>	<b>13,505,286</b>	<b>41</b>	<b>714</b>	<b>\$0</b>	<b>\$36,554</b>	<b>\$85,610</b>	<b>\$122,164</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	24	271,369	0.83	16.66	\$0	\$264	\$1,440	\$1,704	4.8
IEUA Rebate Program (ULFT)	201	2,272,713	6.97	139.49	\$0	\$201	\$12,060	\$12,261	4.1
High Efficiency Clothes Washers	542	4,874,470	14.96	224.39	\$0	\$542	\$59,620	\$60,162	9.4
Pool Cover Rebates	19	324,558	1.00	4.98	\$0	\$1,007	\$0	\$1,007	2.4
<b>Subtotal</b>	<b>786</b>	<b>7,743,110</b>	<b>24</b>	<b>386</b>	<b>\$0</b>	<b>\$2,014</b>	<b>\$73,120</b>	<b>\$75,134</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	520	5,879,655	18.04	360.88	\$0	\$54,600	\$31,200	\$85,800	11.1
<b>Subtotal</b>	<b>520</b>	<b>5,879,655</b>	<b>18</b>	<b>361</b>	<b>\$0</b>	<b>\$54,600</b>	<b>\$31,200</b>	<b>\$85,800</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	1	1,303	0.00	0.02	\$0	\$0	\$50	\$50	29.3
X-Ray Film Processor (MWD CII)	2	2,085,446	6.40	32.00	\$0	\$0	\$4,000	\$4,000	1.5
<b>Subtotal</b>	<b>3</b>	<b>2,086,750</b>	<b>6</b>	<b>32</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,050</b>	<b>\$4,050</b>	
<b>TOTAL</b>	<b>1,309</b>	<b>15,709,515</b>	<b>48</b>	<b>778</b>	<b>\$0</b>	<b>\$56,614</b>	<b>\$108,370</b>	<b>\$164,984</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	288	3,256,425	9.99	199.87	\$0	\$576	\$17,200	\$17,776	4.7
IEUA Regional Event (ULFT)	49	554,044	1.70	34.01	\$0	\$539	\$2,940	\$3,479	5.5
IEUA Rebate Program (ULFT)	432	4,884,637	14.99	299.81	\$0	\$432	\$25,920	\$26,352	4.6
High Efficiency Clothes Washers	594	5,342,132	16.39	245.92	\$0	\$594	\$65,340	\$65,934	5.7
Pool Cover Rebates	47	802,854	2.46	12.30	\$0	\$2,491	\$0	\$2,491	2.4
<b>Subtotal</b>	<b>1,410</b>	<b>14,840,091</b>	<b>46</b>	<b>792</b>	<b>\$0</b>	<b>\$4,632</b>	<b>\$111,400</b>	<b>\$116,032</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	96	1,085,475	3.33	66.62	\$0	\$3,264	\$5,760	\$9,024	4.1
<b>Subtotal</b>	<b>96</b>	<b>1,085,475</b>	<b>3</b>	<b>67</b>	<b>\$0</b>	<b>\$3,264</b>	<b>\$5,760</b>	<b>\$9,024</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms (Rebates)	43	2,149,378	6.60	32.98	\$0	\$4,300	\$4,300	\$8,600	3.1
Water Brooms (Distribution)	1	49,986	0.15	0.77	\$0	\$0	\$100	\$100	1.2
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>44</b>	<b>2,199,364</b>	<b>7</b>	<b>34</b>	<b>\$0</b>	<b>\$4,300</b>	<b>\$4,400</b>	<b>\$8,700</b>	
<b>TOTAL</b>	<b>1,550</b>	<b>18,124,930</b>	<b>56</b>	<b>892</b>	<b>\$0</b>	<b>\$12,196</b>	<b>\$121,560</b>	<b>\$133,756</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	393	4,443,663	13.64	272.74	\$0	\$786	\$23,580	\$24,366	4.7
IEUA Regional Event (ULFT)	66	746,264	2.29	45.80	\$0	\$726	\$3,960	\$4,686	5.3
IEUA Rebate Program (ULFT)	84	949,790	2.91	58.30	\$0	\$84	\$5,040	\$5,124	4.7
High Efficiency Clothes Washers	435	3,912,167	12.01	180.09	\$0	\$435	\$47,850	\$48,285	5.7
Pool Cover Rebates	73	1,246,986	3.83	19.15	\$0	\$3,869	\$0	\$3,869	2.4
<b>Subtotal</b>	<b>1,051</b>	<b>11,298,870</b>	<b>35</b>	<b>576</b>	<b>\$0</b>	<b>\$5,900</b>	<b>\$80,430</b>	<b>\$86,330</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	3	33,921	0.1041	2.0820	\$0	\$102	\$180	\$282	3.3
<b>Subtotal</b>	<b>3</b>	<b>33,921</b>	<b>0.10</b>	<b>2</b>	<b>\$0</b>	<b>\$102</b>	<b>\$180</b>	<b>\$282</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	9	80,941	0.25	3.73	\$0	\$0	\$2,250	\$2,250	4.9
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	75	97,755	0.30	1.50	\$0	\$0	\$3,750	\$3,750	0.5
X-Ray Film Processor (MWD CII)	3	3,128,170	9.60	48.00	\$0	\$0	\$6,000	\$6,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>96</b>	<b>3,756,736</b>	<b>12</b>	<b>60</b>	<b>\$0</b>	<b>\$900</b>	<b>\$12,900</b>	<b>\$13,800</b>	
<b>TOTAL</b>	<b>1,150</b>	<b>15,089,528</b>	<b>46</b>	<b>638</b>	<b>\$0</b>	<b>\$6,902</b>	<b>\$93,510</b>	<b>\$100,412</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary  
Cucamonga Valley Water District  
FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	7	13	3,166	72
<i>Shows That Teach</i>	0	0	0	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	0	0	0

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	11	0	\$2,475.00
<i>Landscape Design Services</i>	4	0	\$960

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$5,309.65
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$715.82

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$4,000
	2017-2018	\$4,000
	2016-2017	\$2,000
	2015-2016	\$2,000
	2014-2015	\$2,000
	2013-2014	\$2,000
	2012-2013	\$2,000
	2011-2012	\$2,000
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$2,000
	2007-2008	\$2,000
	<b>TOTAL</b>	<b>\$24,000</b>



Cucamonga Valley Water District  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2018-19				
National Theater for Children	7	3,166	172	\$ 7,280.00
Garden In Every School	N/A	N/A	N/A	N/A
Shows That Teach	N/A	N/A	N/A	N/A
<b>TOTAL</b>	<b>7</b>	<b>3,166</b>	<b>172</b>	<b>\$ 7,280.00</b>
FY 2017-18				
National Theater for Children	11	4,120	172	\$ 11,440.00
Garden In Every School	2	1416	54	\$ 1,960.99
Shows That Teach	3	1,365	N/A	\$ 2,925.00
<b>TOTAL</b>	<b>16</b>	<b>6,901</b>	<b>226</b>	<b>\$ 16,325.99</b>
FY 2016-17				
National Theater for Children	10	4,050	169	\$ 10,400.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>10</b>	<b>4,050</b>	<b>169</b>	<b>\$ 10,400.00</b>
FY 2015-16				
National Theater for Children	17	8,751	332	\$ 17,600.00
Garden In Every School	2*	2328	67	\$ 2,883.07
Shows That Teach	1	597	22	\$ 975.00
<b>TOTAL</b>	<b>18</b>	<b>11,676</b>	<b>421</b>	<b>\$ 21,458.07</b>
FY 2014-15				
National Theater for Children	12	5,063	212	\$ 12,180.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	2	1,059	35	\$ 1,700.00
<b>TOTAL</b>	<b>14</b>	<b>6,122</b>	<b>247</b>	<b>\$ 13,880.00</b>
FY 2013-14				
National Theater for Children	15	6,530	269	\$ 15,225.00
Garden In Every School	6	300	6	\$ 4,440.84
<b>TOTAL</b>	<b>21</b>	<b>6830</b>	<b>275</b>	<b>\$ 19,665.84</b>
FY 2012-13				
<b>National Theater for Children</b>	<b>11</b>	<b>5,280</b>	<b>241</b>	<b>\$ 10,406.00</b>
Garden In Every School	1	1,331	55	\$ 4,500.00
<b>TOTAL</b>	<b>12</b>	<b>6611</b>	<b>296</b>	<b>\$ 14,906.00</b>
FY 2011-12				
National Theater for Children	15	6588	242	\$ 14,740.35
<b>Garden In Every School</b>	<b>1</b>	<b>3,365</b>	<b>122</b>	<b>\$ 7,500.00</b>
<b>TOTAL</b>	<b>16</b>	<b>9953</b>	<b>364</b>	<b>\$ 22,240.35</b>
FY 2010-11				
National Theater for Children	12	5978	212	\$ 11,792.28
Garden In Every School	1	3071	110	\$ 6,310.00
<b>TOTAL</b>	<b>13</b>	<b>9,049</b>	<b>322</b>	<b>\$ 18,102.28</b>

Cucamonga Valley Water District (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2009-10				
National Theater for Children	17	8200	355	\$ 16,558.00
Garden In Every School	1	690	35	\$ 3,250.00
<b>TOTAL</b>	<b>18</b>	<b>8890</b>	<b>390</b>	<b>\$ 19,808.00</b>
FY 2008-09				
National Theater for Children	15	7965	308	\$ 13,920.00
Garden In Every School	4	1852	104	\$ 18,000.00
<b>TOTAL</b>	<b>19</b>	<b>9817</b>	<b>412</b>	<b>\$ 31,920.00</b>
FY 2007-08				
National Theater for Children	7	3741	121	\$ 9,243.00
Garden In Every School	1	603	13	\$ 7,776.00
<b>TOTAL</b>	<b>1</b>	<b>4344</b>	<b>134</b>	<b>\$ 7,776.00</b>
FY 2006-07				
National Theater for Children	8	4584	160	\$ 27,500.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	746	8	
<b>TOTAL</b>	<b>9</b>	<b>5330</b>	<b>168</b>	<b>\$ 27,500.00</b>
FY 2005-06				
National Theater for Children	11	5319	231	\$ 21,276.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	591	5	
<b>TOTAL</b>	<b>12</b>	<b>5910</b>	<b>236</b>	<b>\$ 21,276.00</b>
FY 2004-05				
National Theater for Children	10	4570	199	\$ 18,280.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	494	4	
<b>TOTAL</b>	<b>1</b>	<b>5910</b>	<b>236</b>	<b>\$ 18,280.00</b>
FY 2003-04				
Think Earth! It's Magic	3	1,251	56	\$ 5,004.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>3</b>	<b>1,251</b>	<b>56</b>	<b>\$ 5,004.00</b>
FY 2002-03				
Think Earth! It's Magic	7	2984	130	\$ 11,936.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>2984</b>	<b>130</b>	<b>\$ 11,936.00</b>
<b>2002-2019 Totals</b>	<b>197</b>	<b>108794</b>	<b>4254</b>	<b>\$ 287,758.53</b>

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
Cucamonga Valley Water District	Marikian	1		Alta Loma	N/A	0.07	198	141	0.13	Adjust the irrigation schedule. Redesign the backyard irrigation system to insure head to head coverage.
Cucamonga Valley Water District	Banfield	1		Rancho Cucamonga	N/A	0.09	102	46	0.13	Repair the irrigation wiring and main line.
Cucamonga Valley Water District	Castillo	1		Rancho Cucamonga	N/A	0.06	210	95	0.26	Adjust the irrigation schedule and make the proper irrigation repairs.
Cucamonga Valley Water District	Hallihan	1		Alta Loma	N/A	0.22	438	388	0.11	Adjust the irrigation schedule to the one provided in the report.
Cucamonga Valley Water District	Knight	1		Rancho Cucamonga	N/A	0.09	133	152	0.00	
Cucamonga Valley Water District	Bailey	1		Rancho Cucamonga	N/A	0.03	148	46	0.23	
Cucamonga Valley Water District	Klein	1		Rancho Cucamonga	N/A	0.05	117	110	0.02	Make nessecary irrigation repairs.
Cucamonga Valley Water District	Wen	1		Rancho Cucamonga	N/A	0.08	68	58	0.02	Make nessecary irrigation repairs.
Cucamonga Valley Water District	Gutierrez	1		Alta loma	N/A	0.3	461	532	0.00	Adjust irrigation schedule to one provided in the report. Repair irrigation valves/sprinklers in the backyard per the report.
Cucamonga Valley Water District	Willey	1		Rancho Cucamonga	N/A	0.04	86	25	0.14	Adjust the irrigation schedule to one provided in the report. Repair irrigation valves in the backyard.
Cucamonga Valley Water District	Nelson	1		Rancho Cucamonga	N/A	0.29	813	479	0.77	Adjust irrigaiton schdule to the one that is provided in the report.

**FONTANA WATER COMPANY**  
**Annual Water Use Efficiency Programs Report**  
**FY 2018-2019**



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	14	112,240	0	7	\$0	\$840	\$560	\$1,400	5.1
High Efficiency Clothes Washers (HECW)	201	2,259,954	7	97	\$0	\$15,075	\$17,085	\$32,160	5.8
Rotating Nozzles for Pop-up Spray Heads (49 Apps/ 2,355 Nozzles)	49	3,376,468	10	52	\$0	\$7,065	\$4,710	\$11,775	1.4
Weather based Irrigation Controllers (WBIC)	143	1,929,393	6	59	\$0	\$11,440	\$11,440	\$22,880	4.8
Turf Removal (2,465 Sq. Ft.)	3	105,995	0.3	3	\$0	\$2,195	\$3,430	\$5,625	21.6
Rain Barrels	4	2,477	0	0	\$0	\$0	\$140	\$140	23.1
Cisterns	3	0	0	0	\$0	\$0	\$900	\$900	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (1 Small Site/ 1 Large Site)	2	N/A	N/A	N/A	\$1,083	\$0	\$0	\$1,083	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (1 WBIC)	1	13,492	0	0	\$0	\$418	\$256	\$675	20.4
Residential Pressure Regulation Program	104	3,999,445	12	123	\$0	\$27,582	\$26,501	\$54,083	5.5
<b>Subtotal</b>	<b>524</b>	<b>11,799,464</b>	<b>8</b>	<b>341</b>	<b>\$1,083</b>	<b>\$64,616</b>	<b>\$65,022</b>	<b>\$130,720</b>	<b>21.1</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	126	1,010,160	3	62	\$0	\$7,560	\$5,040	\$12,600	5.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	15	63,062	0.19	2	\$0	\$225	\$525	\$750	4.9
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	547	748,723	2	23	\$0	\$2,735	\$2,735	\$5,470	3.0
<b>Subtotal</b>	<b>688</b>	<b>1,821,944</b>	<b>6</b>	<b>87</b>	<b>\$0</b>	<b>\$14,128</b>	<b>\$8,300</b>	<b>\$22,428</b>	
<b>TOTAL</b>	<b>1,212</b>	<b>13,621,408</b>	<b>14</b>	<b>428</b>	<b>\$1,083</b>	<b>\$78,743</b>	<b>\$73,322</b>	<b>\$153,148</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	440	3,527,542	11	216	\$0	\$26,400	\$17,600	\$44,000	5.3
High Efficiency Clothes Washers (HECW)	407	4,576,125	14	197	\$0	\$26,455	\$34,595	\$61,050	5.6
Rotating Nozzles for Pop-up Spray Heads (162 Apps/ 13,118 Nozzles)	13,118	18,807,859	58	289	\$0	\$39,354	\$26,236	\$65,590	1.5
Weather based Irrigation Controllers (WBIC)	112	1,511,133	5	46	\$0	\$7,840	\$8,960	\$16,800	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	31	0	0	0	\$0	\$0	\$9,300	\$9,300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	149	5,729,974	18	176	\$0	\$36,405	\$32,284	\$68,689	5.1
<b>Subtotal</b>	<b>14,257</b>	<b>34,152,632</b>	<b>105</b>	<b>924</b>	<b>\$0</b>	<b>\$136,454</b>	<b>\$128,975</b>	<b>\$265,429</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	90	721,543	2	44	\$0	\$5,400	\$3,600	\$9,000	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	15	63,062	0.19	2	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 2,250 Nozzles)	2,250	3,226,410	10	50	\$0	\$4,500	\$4,500	\$9,000	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,355</b>	<b>4,011,014</b>	<b>12</b>	<b>96</b>	<b>\$0</b>	<b>\$9,900</b>	<b>\$8,100</b>	<b>\$18,000</b>	
<b>TOTAL</b>	<b>16,612</b>	<b>38,163,647</b>	<b>117</b>	<b>1,020</b>	<b>\$0</b>	<b>\$146,354</b>	<b>\$137,075</b>	<b>\$283,429</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	2,416	19,369,410	59	1,189	\$0	\$178,192	\$96,640	\$274,832	6.2
High Efficiency Clothes Washers (HECW)	86	966,945	3	42	\$0	\$2,245	\$7,310	\$9,555	4.3
Rotating Nozzles for Pop-up Spray Heads	4,159	5,962,943	18	91	\$0	\$926	\$1,198	\$2,124	0.2
Weather based Irrigation Controllers (WBIC)	66	890,489	3	27	\$0	\$2,856	\$5,280	\$8,136	4.0
Turf Removal (32,150 Sq. Ft.)	22	1,362,099	4	42	\$0	\$0	\$62,270	\$62,270	20.0
Rain Barrels	16	9,907	0.03	0.15	\$0	\$0	\$1,200	\$1,200	53.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (28 WBIC/248 Nozzles)	17	733,405	2	17	\$8,046	\$173	\$7,873	\$16,092	9.6
Residential Education, Survey, and Controller Upgrade Program	9	121,430	0.37	4	\$0	\$4,589	\$1,341	\$5,930	21.4
Residential Pressure Regulation Program	36	949,673	3	29	\$0	\$6,370	\$5,450	\$11,820	5.5
<b>Subtotal</b>	<b>6,827</b>	<b>30,366,302</b>	<b>93</b>	<b>1,441</b>	<b>\$8,046</b>	<b>\$195,351</b>	<b>\$188,562</b>	<b>\$391,959</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	51	408,874	1	25	\$0	\$5,000	\$2,000	\$7,000	7.5
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	2	419,696	1	6	\$0	\$290	\$1,750	\$2,040	2.1
Weather Based Irrigation Controllers (WBIC)	25	105,103	0.32	3	\$0	\$11,102	\$41,959	\$53,061	221.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	50,189	0.15	2	\$0	\$1,000	\$1,000	\$2,000	17.5
Turf Removal (28,135 Sq. Ft.)	2	1,191,996	4	37	\$0	\$0	\$28,135	\$28,135	10.3
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>81</b>	<b>2,175,857</b>	<b>7</b>	<b>73</b>	<b>\$0</b>	<b>\$17,392</b>	<b>\$74,844</b>	<b>\$92,236</b>	
<b>TOTAL</b>	<b>6,908</b>	<b>32,542,159</b>	<b>100</b>	<b>1,514</b>	<b>\$8,046</b>	<b>\$212,743</b>	<b>\$263,406</b>	<b>\$484,195</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	388	5,374,091	16	330	\$0	\$10,495	\$37,641	\$48,136	4.0
High Efficiency Clothes Washers (HECW)	217	2,439,850	7	105	\$0	\$2,990	\$18,190	\$21,180	3.9
Rotating Nozzles for Pop-up Spray Heads	4,298	6,163,160	19	95	\$0	\$0	\$8,296	\$8,296	0.6
Weather based Irrigation Controllers (WBIC)	93	9,850,328	30	302	\$0	\$1,709	\$7,148	\$8,857	0.4
Turf Removal (77,559 Sq. Ft.)	50	3,285,942	10	101	\$0	\$0	\$149,090	\$149,090	20.5
Rain Barrels	51	31,580	0.10	0.48	\$0	\$0	\$3,736	\$3,736	53.5
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (79 WBIC/977 Nozzles)	54	9,768,461	30	278	\$24,600	\$0	\$24,600	\$49,199	2.3
Landscape Transformation Program (1,100 Sq. Ft.)	2	46,604	0.14	1	\$375	\$4,375	\$0	\$4,750	46.1
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>5,153</b>	<b>36,960,016</b>	<b>113</b>	<b>1,212</b>	<b>\$24,975</b>	<b>\$19,569</b>	<b>\$248,701</b>	<b>\$293,245</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	904	12,521,078	38	768	\$0	\$37,940	\$115,886	\$153,826	5.6
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	25	2,647,938	8	81	\$0	\$4,440	\$17,400	\$21,840	3.7
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	3	150,566	0.46	5	\$0	\$1,000	\$3,000	\$4,000	12.0
Turf Removal (299,187 Sq. Ft.)	22	12,675,656	39	389	\$0	\$187,603	\$287,657	\$475,260	16.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>954</b>	<b>27,995,237</b>	<b>86</b>	<b>1,243</b>	<b>\$0</b>	<b>\$230,983</b>	<b>\$423,943</b>	<b>\$654,926</b>	
<b>TOTAL</b>	<b>6,107</b>	<b>64,955,253</b>	<b>199</b>	<b>2,456</b>	<b>\$24,975</b>	<b>\$250,552</b>	<b>\$672,644</b>	<b>\$948,171</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	254	3,518,091	11	216	\$0	\$12,700	\$12,700	\$25,400	3.1
High Efficiency Clothes Washers (HECW)	170	1,529,123	5	70	\$0	\$11,050	\$14,450	\$25,500	7.2
Rotating Nozzles for Pop-up Spray Heads	141	183,808	1	3	\$0	\$141	\$564	\$705	1.7
Weather based Irrigation Controllers (WBIC)	4	423,670	1	13	\$0	\$280	\$320	\$600	0.6
Turf Removal (9,340 Sq. Ft.)	6	391,080	1	12	\$0	\$0	\$18,680	\$18,680	20.7
Rain Barrels	10	1,059,175	3.25	32.50	\$0	\$0	\$750	\$750	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (36 WBIC/286 Nozzles)	27	4,236,700	13	123	\$17,495	\$0	\$17,495	\$34,989	3.6
Landscape Transformation Program (9,793 Sq. Ft.)	11	418,847	1	12.85	\$0	\$13,227	\$19,586	\$32,813	31.8
<b>Subtotal</b>	<b>623</b>	<b>11,760,493</b>	<b>36</b>	<b>482</b>	<b>\$17,495</b>	<b>\$37,398</b>	<b>\$84,545</b>	<b>\$139,438</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1,162	16,094,572	49	988	\$0	\$0	\$1,966	\$1,966	0.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,835	1	7	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	4,545	5,924,862	18	91	\$0	\$9,090	\$13,635	\$22,725	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$11,710	\$0	\$11,710	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (2,440 Sq. Ft.)	1	103,375	0.32	3	\$0	\$2,440	\$4,880	\$7,320	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>5,710</b>	<b>22,334,644</b>	<b>69</b>	<b>1,088</b>	<b>0</b>	<b>\$23,240</b>	<b>\$20,481</b>	<b>\$43,721</b>	
<b>TOTAL</b>	<b>6,333</b>	<b>34,095,137</b>	<b>105</b>	<b>1,571</b>	<b>\$17,495</b>	<b>\$60,638</b>	<b>\$105,026</b>	<b>\$183,159</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	69	955,558	3	59	\$0	\$3,450	\$3,450	\$6,900	3.1
High Efficiency Clothes Washers (HECW)	174	1,564,867	5	72	\$0	\$11,310	\$14,790	\$26,100	7.2
Rotating Nozzles for Pop-up Spray Heads	1	1,303	0	0	\$0	\$1	\$4	\$5	1.7
Weather based Irrigation Controllers (WBIC)	5	529,508	2	16	\$0	\$350	\$400	\$750	0.6
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (31 WBIC/122 Nozzles)	23	3,431,211	11	103	\$9,924	\$0	\$9,924	\$19,848	2.5
Landscape Transformation Program (9,180 Sq. Ft.)	11	418,784	1	13	\$0	\$16,290	\$12,160	\$28,450	29.4
<b>Subtotal</b>	<b>283</b>	<b>6,901,231</b>	<b>21</b>	<b>263</b>	<b>\$9,924</b>	<b>\$31,401</b>	<b>\$40,728</b>	<b>\$82,053</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	22	304,671	1	19	\$0	\$0	\$1,966	\$1,966	2.8
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	1,171	8,776,145	27	269	\$0	\$11,710	\$11,710	\$23,420	1.2
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,193</b>	<b>9,080,816</b>	<b>28</b>	<b>288</b>	<b>0</b>	<b>\$11,710</b>	<b>\$13,676</b>	<b>\$25,386</b>	
<b>TOTAL</b>	<b>1,476</b>	<b>15,982,047</b>	<b>49</b>	<b>551</b>	<b>\$9,924</b>	<b>\$43,111</b>	<b>\$54,404</b>	<b>\$107,439</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	125	1,124,186	3.45	51.75	\$0	\$8,125	\$10,625	\$18,750	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$70	\$80	\$150	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	20	5,213,616	16.00	140.00	\$9,648	\$1,570	\$11,219	\$22,437	1.9
Landscape Transformation Program (1000 Sq. Ft.)	2	45,619	0.14	1.40	\$250	\$830	\$1,000	\$2,080	20.4
<b>Subtotal</b>	<b>148</b>	<b>6,489,323</b>	<b>20</b>	<b>196</b>	<b>\$9,899</b>	<b>\$10,595</b>	<b>\$22,924</b>	<b>\$43,418</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	57	789,374	2.42	48.45	\$4,180	\$2,033	\$2,850	\$9,063	5.1
IEUA Single-Family Direct Install Prog. (HET)	54	747,828	2.30	45.90	\$3,960	\$1,926	\$2,700	\$8,586	5.1
<b>Subtotal</b>	<b>111</b>	<b>1,537,202</b>	<b>2</b>	<b>94</b>	<b>\$8,141</b>	<b>\$3,958</b>	<b>\$5,550</b>	<b>\$17,649</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	16	1,694,425	5.20	52.00	\$0	\$1,945	\$7,600	\$9,545	2.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	65	487,147	1.50	7.48	\$0	\$0	\$650	\$650	0.6
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	1,764	49,203,501	151.00	2880.00	\$206,033	\$0	\$32,050	\$238,083	2.2
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,845</b>	<b>51,385,073</b>	<b>158</b>	<b>2,939</b>	<b>\$206,033</b>	<b>\$1,945</b>	<b>\$40,300</b>	<b>\$248,278</b>	
<b>TOTAL</b>	<b>2,104</b>	<b>59,411,598</b>	<b>180</b>	<b>3,230</b>	<b>\$224,073</b>	<b>\$16,498</b>	<b>\$68,774</b>	<b>\$309,345</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	149	1,340,030	4.11	61.69	\$0	\$0	\$12,665	\$12,665	4.5
Rotating Nozzles for Pop-up Spray Heads	65	84,721	0.26	1.30	\$0	\$130	\$195	\$325	1.8
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$135	\$240	\$375	0.6
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	22	5,865,318	18.00	180.00	\$0	14,499	12,310	26,809	2.2
<b>Subtotal</b>	<b>239</b>	<b>7,607,774</b>	<b>23</b>	<b>253</b>	<b>\$1</b>	<b>\$14,764</b>	<b>\$25,410</b>	<b>\$40,175</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	18	249,276	0.77	15.30	\$1,320	\$642	\$900	\$2,862	5.5
IEUA Single-Family Direct Install Prog. (HET)	1,130	15,648,994	48.03	960.50	\$82,874	\$40,296	\$56,500	\$179,670	5.5
<b>Subtotal</b>	<b>1,148</b>	<b>15,898,270</b>	<b>1</b>	<b>976</b>	<b>\$84,194</b>	<b>\$40,938</b>	<b>\$57,400</b>	<b>\$182,532</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	6	635,409	1.95	19.50	\$0	\$2,134	\$5,025	\$7,159	5.4
Rotating Nozzles for Pop-up Spray Heads	2,000	2,606,808	8.00	40.00	\$0	\$4,000	\$6,000	\$10,000	0.0
Large Rotating Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	2,124	12,708,189	39.00	635.00	\$339,942	\$0	\$51,978	\$391,920	14.8
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4,130</b>	<b>15,950,406</b>	<b>49</b>	<b>695</b>	<b>\$339,942</b>	<b>\$6,134</b>	<b>\$63,003</b>	<b>\$409,079</b>	
<b>TOTAL</b>	<b>5,517</b>	<b>39,456,450</b>	<b>73</b>	<b>1,923</b>	<b>\$424,137</b>	<b>\$61,836</b>	<b>\$145,813</b>	<b>\$631,786</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	7	96,941	0.30	5.95	\$0	\$245	\$350	\$595	4.0
High Efficiency Clothes Washers (HECW)	293	2,635,092	8.09	121.30	\$0	\$0	\$24,905	\$24,905	6.2
Rotating Nozzles for Pop-up Spray Heads	112	145,981	0.45	2.24	\$0	\$224	\$336	\$560	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$180	\$320	\$500	0.0
Synthetic Turf (420 Sq. Ft.)	1	19,163	0.06	0.59	\$0	\$189	\$126	\$315	10.7
Residential Landscape Retrofit Program	5	977,700	3.00	30.00	\$0	\$1,819	\$2,251	\$4,070	2.7
<b>Subtotal</b>	<b>422</b>	<b>4,298,483</b>	<b>13</b>	<b>173</b>	<b>\$0</b>	<b>\$2,657</b>	<b>\$28,288</b>	<b>\$30,945</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	3	41,546	0.13	2.55	\$220	\$107	\$150	\$477	0.0
<b>Subtotal</b>	<b>3</b>	<b>41,546</b>	<b>0</b>	<b>3</b>	<b>\$220</b>	<b>\$107</b>	<b>\$150</b>	<b>\$477</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotating Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	1,899	28,679,200	88.00	709.00	\$321,643	\$0	\$33,900	\$355,543	8.1
<b>Subtotal</b>	<b>1,899</b>	<b>28,679,200</b>	<b>88</b>	<b>709</b>	<b>\$321,643</b>	<b>\$0</b>	<b>\$33,900</b>	<b>\$355,543</b>	
<b>TOTAL</b>	<b>2,324</b>	<b>33,019,229</b>	<b>101</b>	<b>885</b>	<b>\$321,863</b>	<b>\$2,764</b>	<b>\$62,338</b>	<b>\$386,965</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	42	581,644	1.79	35.70	\$0	\$1,470	\$2,100	\$3,570	4.0
High Efficiency Clothes Washers (HECW)	84	755,453	2.32	34.78	\$0	\$4,200	\$9,240	\$13,440	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.0
Water Wise Landscape (Turf Buy Back) (1,216 Sq. Ft.)	0	55,473	0.17	1.70	\$0	\$2,000	\$0	\$2,000	23.6
Synthetic Turf (3,923 Sq. Ft.)	2	178,964	0.55	5.49	\$0	\$1,765	\$1,177	\$2,942	10.7
<b>Subtotal</b>	<b>129</b>	<b>1,677,435</b>	<b>5</b>	<b>81</b>	<b>\$0</b>	<b>\$9,480</b>	<b>\$12,597</b>	<b>\$22,077</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	11	152,335	0.4675	9.3500	\$807	\$392	\$1,815	\$3,014	12.9
<b>Subtotal</b>	<b>11</b>	<b>152,335</b>	<b>0</b>	<b>9</b>	<b>\$807</b>	<b>\$392</b>	<b>\$1,815</b>	<b>\$3,014</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	40	1,599,277	4.91	98.16	\$0	\$0	\$16,000	\$16,000	6.5
High Efficiency Clothes Washers	1	8,993	0.03	0.28	\$0	\$100	\$80	\$180	13.1
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	1	49,855	0.15	0.77	\$0	\$0	\$60	\$60	0.8
<b>Subtotal</b>	<b>42</b>	<b>1,658,125</b>	<b>5</b>	<b>99</b>	<b>\$0</b>	<b>\$100</b>	<b>\$16,140</b>	<b>\$16,240</b>	
<b>TOTAL</b>	<b>182</b>	<b>3,487,896</b>	<b>11</b>	<b>189</b>	<b>\$807</b>	<b>\$9,973</b>	<b>\$30,552</b>	<b>\$41,331</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	1,043	14,444,160	44.33	886.55	\$0	\$0	\$172,095	\$172,095	7.8
High Efficiency Clothes Washers (HECW)	202	1,816,684	5.58	83.63	\$0	\$0	\$22,220	\$22,220	8.0
Rotating Nozzles for Pop-up Spray Heads	62	80,811	0.25	1.24	\$0	\$0	\$248	\$248	2.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (3,689 Sq. Ft.)	3	168,289	0.52	5.16	\$0	\$4,800	\$0	\$4,800	18.6
Synthetic Turf (4,960 Sq. Ft.)	8	226,271	0.69	6.94	\$0	\$1,488	\$1,488	\$2,976	8.6
<b>Subtotal</b>	<b>1,318</b>	<b>16,736,216</b>	<b>51</b>	<b>984</b>	<b>\$0</b>	<b>\$6,288</b>	<b>\$196,051</b>	<b>\$202,339</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	229	3,171,345	9.73	194.65	\$16,795	\$8,166	\$37,785	\$62,746	12.9
<b>Subtotal</b>	<b>229</b>	<b>3,171,345</b>	<b>10</b>	<b>195</b>	<b>\$16,795</b>	<b>\$8,166</b>	<b>\$37,785</b>	<b>\$62,746</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	81	1,121,742	3.44	68.85	\$0	\$10,935	\$13,365	\$24,300	14.2
Waterless Urinals	58	2,318,951	7.12	142.33	\$0	\$0	\$23,200	\$23,200	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	6	53,961	0.17	1.66	\$0	\$600	\$480	\$1,080	13.1
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotating Nozzles	120	703,838	2.16	21.60	\$0	\$0	\$1,560	\$1,560	1.4
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>266</b>	<b>4,248,478</b>	<b>13</b>	<b>235</b>	<b>\$0</b>	<b>\$11,535</b>	<b>\$38,755</b>	<b>\$50,290</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	9	2,909,198	8.93	89.28	\$0	\$0	\$94,088	\$94,088	21.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>9</b>	<b>2,909,198</b>	<b>9</b>	<b>89</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,088</b>	<b>\$94,088</b>	
<b>TOTAL</b>	<b>1,822</b>	<b>27,065,236</b>	<b>83</b>	<b>1,503</b>	<b>\$16,795</b>	<b>\$25,989</b>	<b>\$366,679</b>	<b>\$409,463</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	5	61,749	0.19	3.79	\$0	\$0	\$300	\$300	3.7
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	\$0	\$0	\$660	\$660	9.1
High Efficiency Clothes Washers (HECW)	156	1,402,984	4.31	64.58	\$0	\$0	\$17,160	\$17,160	9.3
Rotating Nozzles for Pop-up Spray Heads	21	27,371	0.08	0.42	\$0	\$0	\$84	\$84	2.3
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$160	\$80	\$240	1.7
Water Wise Landscape (Turf Buy Back) (1,216 Sq. Ft.)	1	55,473	0.17	1.70	\$0	\$2,432	\$0	\$2,432	33.5
Synthetic Turf (1,740 Sq. Ft.)	2	79,377	0.24	2.44	\$0	\$522	\$522	\$1,044	10.0
<b>Subtotal</b>	<b>190</b>	<b>1,788,251</b>	<b>5</b>	<b>80</b>	<b>\$0</b>	<b>\$3,114</b>	<b>\$18,806</b>	<b>\$21,920</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	780	9,632,807	29.56	591.24	\$57,205	\$27,815	\$46,800	\$131,820	10.4
<b>Subtotal</b>	<b>780</b>	<b>9,632,807</b>	<b>30</b>	<b>591</b>	<b>\$57,205</b>	<b>\$27,815</b>	<b>\$46,800</b>	<b>\$131,820</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	10	399,819	1.23	24.54	\$0	\$0	\$4,000	\$4,000	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$175	\$625	\$800	2.9
High Efficiency Clothes Washers	12	107,922	0.33	4.97	\$0	\$3,480	\$1,560	\$5,040	35.6
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$0	\$1,890	\$1,890	4.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>26</b>	<b>1,035,294</b>	<b>3</b>	<b>42</b>	<b>\$0</b>	<b>\$3,655</b>	<b>\$8,075</b>	<b>\$11,730</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.0</b>
<b>TOTAL</b>	<b>996</b>	<b>12,456,352</b>	<b>38</b>	<b>713</b>	<b>\$57,205</b>	<b>\$34,584</b>	<b>\$73,681</b>	<b>\$165,470</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	10	113,070	0.35	6.94	\$0	\$0	\$600	\$600	4.0
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$0	\$530	\$530	14.6
High Efficiency Clothes Washers (HECW)	154	4,245,317	13.03	195.43	\$0	\$0	\$16,940	\$16,940	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Distribution	9	1,906,228	5.85	58.50	\$0	\$0	\$2,160	\$2,160	0.9
<b>Subtotal</b>	<b>175</b>	<b>6,179,243</b>	<b>19</b>	<b>263</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,630</b>	<b>\$19,630</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	2,717	30,721,200	94.28	1885.60	\$199,265	\$96,888	\$163,020	\$459,173	11.4
<b>Subtotal</b>	<b>2,717</b>	<b>30,721,200</b>	<b>94</b>	<b>1886</b>	<b>\$199,265</b>	<b>\$96,888</b>	<b>\$163,020</b>	<b>\$459,173</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$45	\$165	\$210	11.6
Zero Water Urinal	45	1,796,254	5.51	110.25	\$0	\$0	\$18,000	\$18,000	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	8	220,536	0.68	10.15	\$0	\$560	\$1,040	\$1,600	5.5
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>54</b>	<b>2,030,638</b>	<b>6</b>	<b>121</b>	<b>\$0</b>	<b>\$605</b>	<b>\$19,205</b>	<b>\$19,810</b>	
<b>TOTAL</b>	<b>2,946</b>	<b>38,931,081</b>	<b>119</b>	<b>2,269</b>	<b>\$199,265</b>	<b>\$97,493</b>	<b>\$201,855</b>	<b>\$498,613</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	28	316,597	0.97	19.43	\$0	\$28	\$1,680	\$1,708	4.1
High Efficiency Clothes Washers	151	1,358,017	4.17	62.51	\$0	\$151	\$16,610	\$16,761	9.4
<b>Subtotal</b>	<b>179</b>	<b>1,674,613</b>	<b>5</b>	<b>82</b>	<b>\$0</b>	<b>\$179</b>	<b>\$18,290</b>	<b>\$18,469</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,170	13,229,225	40.60	811.98	\$0	\$122,850	\$70,200	\$193,050	11.1
<b>Subtotal</b>	<b>1,170</b>	<b>13,229,225</b>	<b>41</b>	<b>812</b>	<b>\$0</b>	<b>\$122,850</b>	<b>\$70,200</b>	<b>\$193,050</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	178	2,012,651	6.18	123.53	\$0	\$178	\$10,680	\$0	
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>196</b>	<b>2,174,534</b>	<b>7</b>	<b>131</b>	<b>\$0</b>	<b>\$178</b>	<b>\$15,180</b>	<b>\$4,500</b>	
<b>TOTAL</b>	<b>1,545</b>	<b>17,078,372</b>	<b>52</b>	<b>1,025</b>	<b>\$0</b>	<b>\$123,207</b>	<b>\$103,670</b>	<b>\$216,019</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	735	8,310,667	25.50	510.09	\$0	\$8,085	\$44,100	\$52,185	4.8
IEUA Rebate Program (ULFT)	43	486,202	1.49	29.84	\$0	\$43	\$2,580	\$2,623	4.1
High Efficiency Clothes Washers	189	1,699,769	5.22	78.25	\$0	\$189	\$20,790	\$20,979	9.4
Pool Cover Rebates	3	51,246	0.16	0.79	\$0	\$1,219	\$0	\$1,219	18.2
<b>Subtotal</b>	<b>970</b>	<b>10,547,884</b>	<b>32</b>	<b>619</b>	<b>\$0</b>	<b>\$9,536</b>	<b>\$67,470</b>	<b>\$77,006</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,070	12,098,522	37.13	742.58	\$0	\$112,350	\$64,200	\$176,550	11.1
<b>Subtotal</b>	<b>1,070</b>	<b>12,098,522</b>	<b>37</b>	<b>743</b>	<b>\$0</b>	<b>\$112,350</b>	<b>\$64,200</b>	<b>\$176,550</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	2	419,696	1.29	6.44	\$0	\$0	\$1,000	\$1,000	1.8
High Efficiency Clothes Washers	2	17,987	0.06	0.83	\$0	\$0	\$500	\$500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>437,683</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500</b>	<b>\$1,500</b>	
<b>TOTAL</b>	<b>2,044</b>	<b>23,084,089</b>	<b>71</b>	<b>1,369</b>	<b>\$0</b>	<b>\$121,886</b>	<b>\$133,170</b>	<b>\$255,056</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	1,489	16,836,167	51.67	1033.37	\$0	\$16,379	\$89,340	\$105,719	5.4
IEUA Rebate Program (ULFT)	112	1,266,387	3.89	77.73	\$0	\$112	\$6,720	\$6,832	4.6
High Efficiency Clothes Washers	241	2,167,431	6.65	99.77	\$0	\$241	\$26,510	\$26,751	5.7
Pool Cover Rebates	15	802,854	2.46	12.30	\$0	\$795	\$0	\$795	2.4
<b>Subtotal</b>	<b>1,857</b>	<b>21,072,839</b>	<b>65</b>	<b>1,223</b>	<b>\$0</b>	<b>\$17,527</b>	<b>\$122,570</b>	<b>\$140,097</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,140	12,890,014	39.56	791.16	\$0	\$38,760	\$68,400	\$107,160	4.2
<b>Subtotal</b>	<b>1,140</b>	<b>12,890,014</b>	<b>40</b>	<b>791</b>	<b>\$0</b>	<b>\$38,760</b>	<b>\$68,400</b>	<b>\$107,160</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	8	71,948	0.22	3.31	\$0	\$0	\$2,000	\$2,000	5.3
Water Brooms (Rebates)	98	4,898,583	15.03	75.17	\$0	\$9,800	\$9,800	\$19,600	3.1
Water Brooms (Distribution)	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.6
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>108</b>	<b>5,070,502</b>	<b>16</b>	<b>80</b>	<b>\$0</b>	<b>\$9,800</b>	<b>\$12,000</b>	<b>\$21,800</b>	
<b>TOTAL</b>	<b>3,105</b>	<b>39,033,355</b>	<b>120</b>	<b>2,094</b>	<b>\$0</b>	<b>\$66,087</b>	<b>\$202,970</b>	<b>\$269,057</b>	
<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	629	7,112,122	21.83	436.53	\$0	\$6,919	\$37,740	\$44,659	5.4
IEUA Rebate Program (ULFT)	10	113,070	0.35	6.94	\$0	\$10	\$600	\$610	4.8
High Efficiency Clothes Washers	160	1,438,958	4.42	66.24	\$0	\$160	\$17,600	\$17,760	5.8
Pool Cover Rebates	33	1,246,986	3.83	19.15	\$0	\$1,749	\$0	\$1,749	2.4
<b>Subtotal</b>	<b>832</b>	<b>9,911,136</b>	<b>30</b>	<b>529</b>	<b>\$0</b>	<b>\$8,838</b>	<b>\$55,940</b>	<b>\$64,778</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	251	2,838,064	8.71	174.19	\$0	\$8,534	\$15,060	\$23,594	4.2
<b>Subtotal</b>	<b>251</b>	<b>2,838,064</b>	<b>9</b>	<b>174</b>	<b>\$0</b>	<b>\$8,534</b>	<b>\$15,060</b>	<b>\$23,594</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	19	170,876	0.52	7.87	\$0	\$0	\$4,750	\$4,750	4.9
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	35	45,619	0.14	0.70	\$0	\$0	\$1,750	\$1,750	0.5
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>63</b>	<b>666,365</b>	<b>2</b>	<b>15</b>	<b>\$0</b>	<b>\$900</b>	<b>\$7,400</b>	<b>\$8,300</b>	
<b>TOTAL</b>	<b>1,146</b>	<b>13,415,566</b>	<b>41</b>	<b>719</b>	<b>\$0</b>	<b>\$18,272</b>	<b>\$78,400</b>	<b>\$96,672</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary**  
**Fontana Water Company**  
**FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	11	18	4,560	192
<i>Shows That Teach</i>	1	2	500	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	0	0	0

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	0	0	\$0.00
<i>Landscape Design Services</i>	8	0	\$1,920

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$3,673.54
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$582.62

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$0
	2017-2018	\$0
	2016-2017	\$2,000
	2015-2016	\$2,000
	2014-2015	\$2,000
	2013-2014	\$0
	2012-2013	\$0
	2011-2012	\$0
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$0
	2007-2008	\$0
	<b>TOTAL</b>	<b>\$6,000</b>

Fontana Water Company  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2018-19</b>				
National Theater for Children	11	4,560	192	\$ 11,440.00
Garden In Every School	N/A	N/A	N/A	N/A
Shows That Teach	1	500	N/A	\$ 975.00
<b>TOTAL</b>	<b>12</b>	<b>5,060</b>	<b>192</b>	<b>\$ 12,415.00</b>
<b>FY 2017-18</b>				
National Theater for Children	7	2,968	122	\$ 7,280.00
Garden In Every School	2	2064	104	\$ 1,895.30
Shows That Teach	1	510	N/A	\$ 975.00
<b>TOTAL</b>	<b>10</b>	<b>5,542</b>	<b>226</b>	<b>\$ 10,150.30</b>
<b>FY 2016-17</b>				
National Theater for Children	11	5,938	232	\$ 11,440.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	2	1,290	54	\$ 1,655.00
<b>TOTAL</b>	<b>13</b>	<b>7,228</b>	<b>286</b>	<b>\$ 13,095.00</b>
<b>FY 2015-16</b>				
National Theater for Children	9	5,815	230	\$ 11,550.00
Garden In Every School	2	2061	87	\$ 19,315.50
Shows That Teach	2	1,100	46	\$ 1,950.00
<b>TOTAL</b>	<b>13</b>	<b>8,976</b>	<b>363</b>	<b>\$ 32,815.50</b>
<b>FY 2014-15</b>				
National Theater for Children	11	6,190	283	\$ 11,165.00
Garden In Every School	1	200	5	\$ 5,116.00
Shows That Teach	1	283	10	\$ 725.00
<b>TOTAL</b>	<b>13</b>	<b>6,673</b>	<b>298</b>	<b>\$ 17,006.00</b>
<b>FY 2013-14</b>				
National Theater for Children	11	6,147	222	\$ 11,165.00
Garden In Every School	3	150	5	\$ 2,985.90
<b>TOTAL</b>	<b>14</b>	<b>6297</b>	<b>227</b>	<b>\$ 14,150.90</b>
<b>FY 2012-13</b>				
<b>National Theater for Children</b>	<b>5</b>	<b>3,680</b>	<b>165</b>	<b>\$ 4,730.00</b>
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>3680</b>	<b>165</b>	<b>\$ 4,730.00</b>
<b>FY 2011-12</b>				
National Theater for Children	4	2098	79	\$ 3,960.76
<b>Garden In Every School</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
<b>TOTAL</b>	<b>4</b>	<b>2098</b>	<b>79</b>	<b>\$ 3,960.76</b>
<b>FY 2010-11</b>				
National Theater for Children	9	4186	113	\$ 8,844.21
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>9</b>	<b>4,186</b>	<b>113</b>	<b>\$ 8,844.21</b>

Fontana Water Company  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	9	3710	155	\$ 8,766.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>9</b>	<b>3710</b>	<b>155</b>	<b>\$ 8,766.00</b>
<b>FY 2008-09</b>				
National Theater for Children	12	6215	239	\$ 11,136.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>12</b>	<b>6215</b>	<b>239</b>	<b>\$ 11,136.00</b>
<b>FY 2007-08</b>				
National Theater for Children	14	7559	243	\$ 14,378.00
Garden In Every School	1	200	9	\$ 7,776.00
<b>TOTAL</b>	<b>15</b>	<b>7759</b>	<b>252</b>	<b>\$ 22,154.00</b>
<b>FY 2006-07</b>				
National Theater for Children	9	2946	75	\$ 11,784.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	60	2	
<b>TOTAL</b>	<b>10</b>	<b>3006</b>	<b>77</b>	<b>\$ 11,784.00</b>
<b>FY 2005-06</b>				
National Theater for Children	15	6500	283	\$ 26,000.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	45	1	
<b>TOTAL</b>	<b>16</b>	<b>6545</b>	<b>284</b>	<b>\$ 26,000.00</b>
<b>FY 2004-05</b>				
National Theater for Children	9	4177	180	\$ 16,708.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	65	2	
<b>TOTAL</b>	<b>10</b>	<b>4242</b>	<b>182</b>	<b>\$ 16,708.00</b>
<b>FY 2003-04</b>				
Think Earth! It's Magic	3	1,390	60	\$ 5,560.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>3</b>	<b>1,390</b>	<b>60</b>	<b>\$ 5,560.00</b>
<b>FY 2002-03</b>				
Think Earth! It's Magic	3	2088	102	\$ 8,352.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>3</b>	<b>2088</b>	<b>102</b>	<b>\$ 8,352.00</b>
<b>2002-2019 Totals</b>	<b>171</b>	<b>84695</b>	<b>3300</b>	<b>\$ 227,627.67</b>

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

[illegible]

**MONTE VISTA WATER DISTRICT**  
**Annual Water Use Efficiency Programs Report**  
**FY 2018-2019**





# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	12	96,206	0	6	\$0	\$720	\$480	\$1,200	5.1
High Efficiency Clothes Washers (HECW)	44	494,716	2	21	\$0	\$3,300	\$3,740	\$7,040	5.8
Rotating Nozzles for Pop-up Spray Heads (1 App/ 30 Nozzles)	1	43,019	0	1	\$0	\$90	\$60	\$150	1.4
Weather based Irrigation Controllers (WBIC)	11	148,415	0	5	\$0	\$880	\$880	\$1,760	4.8
Turf Removal (5,970 Sq. Ft.)	6	256,710	1	8	\$2,985	\$5,970	\$9,369	\$18,324	29.1
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (17 Small Sites/ 1 Large Site)	18	N/A	N/A	N/A	\$9,743	\$0	\$0	\$9,743	0.0
Residential Landscape Retrofit Program (6 WBIC/ 40 Nozzles)	3	138,312	0	3	\$1,356	\$0	\$1,411	\$2,768	8.2
Res. Education, Survey, and Controller Upgrade Program (37 WBIC)	30	499,214	2	15	\$0	\$12,549	\$7,692	\$20,241	16.5
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>125</b>	<b>1,676,591</b>	<b>8</b>	<b>59</b>	<b>\$14,084</b>	<b>\$23,509</b>	<b>\$23,632</b>	<b>\$61,225</b>	<b>9.9</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$3,608</b>	<b>\$0</b>	<b>\$3,608</b>	
<b>TOTAL</b>	<b>125</b>	<b>1,676,591</b>	<b>8</b>	<b>59</b>	<b>\$14,084</b>	<b>\$27,117</b>	<b>\$23,632</b>	<b>\$64,833</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	21	168,360	1	10	\$0	\$1,260	\$840	\$2,100	5.3
High Efficiency Clothes Washers (HECW)	37	416,011	1	18	\$0	\$2,405	\$3,145	\$5,550	5.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	7	0	0	0	\$0	\$490	\$560	\$1,050	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$3,486.00 Total Cost)	996	1,428,224	4	22	\$0	\$1,494	\$1,992	\$3,486	1.0
Residential Landscape Retrofit Program (7 WBIC/ 40 Nozzles)	2	151,804	0	3	\$958	\$38	\$920	\$1,916	5.3
Residential Education, Survey, and Controller Upgrade Program (50 WBIC)	43	674,613	2	21	\$0	\$25,465	\$4,850	\$30,315	19.0
Residential Pressure Regulation Program	3	115,369	0	4	\$0	\$733	\$650	\$1,383	5.1
<b>Subtotal</b>	<b>1,109</b>	<b>2,954,381</b>	<b>9</b>	<b>78</b>	<b>\$958</b>	<b>\$31,885</b>	<b>\$12,957</b>	<b>\$45,800</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$43,155.50 Total Cost)	8,933	12,809,565	39	197	\$0	\$25,290	\$17,866	\$43,156	1.4
<b>Subtotal</b>	<b>8,933</b>	<b>12,809,565</b>	<b>39</b>	<b>197</b>	<b>\$0</b>	<b>\$25,290</b>	<b>\$17,866</b>	<b>\$43,156</b>	
<b>TOTAL</b>	<b>10,042</b>	<b>15,763,946</b>	<b>48</b>	<b>274</b>	<b>\$958</b>	<b>\$57,174</b>	<b>\$30,823</b>	<b>\$88,956</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	23	184,394	1	11	\$0	\$1,858	\$920	\$2,778	6.6
High Efficiency Clothes Washers (HECW)	44	494,716	2	21	\$0	\$585	\$3,740	\$4,325	3.8
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	4	53,969	0.17	2	\$0	\$210	\$320	\$530	4.3
Turf Removal (11,878 Sq. Ft.)	8	503,235	2	15	\$0	\$0	\$23,756	\$23,756	20.7
Rain Barrels	15	9,288	0.03	0.14	\$0	\$0	\$1,100	\$1,100	51.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,064	1,525,733	5	23	\$0	\$1,755	\$2,128	\$3,883	1.1
Residential Landscape Retrofit Program (24 WBIC/232 Nozzles)	15	656,492.96	2	15	\$7,113	\$103	\$7,009	\$14,225	9.5
Residential Education, Survey, and Controller Upgrade Program	41	553,182.66	2	17	\$0	\$17,340	\$7,745	\$25,085	19.9
Residential Pressure Regulation Program	1	0	0	0	\$0	\$145	\$0	\$145	0.0
<b>Subtotal</b>	<b>1,215</b>	<b>3,981,012</b>	<b>12</b>	<b>105</b>	<b>\$7,113</b>	<b>\$21,997</b>	<b>\$46,718</b>	<b>\$75,827</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (22,508 Sq. Ft.)	2	953,596	3	29	\$0	\$5,379	\$22,508	\$27,887	12.8
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	641	877,388	3	27	\$0	\$3,205	\$3,205	\$6,410	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>643</b>	<b>1,830,984</b>	<b>6</b>	<b>56</b>	<b>\$0</b>	<b>\$8,584</b>	<b>\$25,713</b>	<b>\$34,297</b>	
<b>TOTAL</b>	<b>1,858</b>	<b>5,811,996</b>	<b>18</b>	<b>161</b>	<b>\$7,113</b>	<b>\$30,581</b>	<b>\$72,431</b>	<b>\$110,124</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	839	11,620,779	36	713	\$0	\$53,130	\$81,914	\$135,044	5.3
High Efficiency Clothes Washers (HECW)	68	764,561	2	33	\$0	\$585	\$5,695	\$6,280	3.7
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	7	741,423	2	23	\$0	\$219	\$560	\$779	0.5
Turf Removal (123,493 Sq. Ft.)	43	5,232,028	16	161	\$0	\$0	\$201,306	\$201,306	17.4
Rain Barrels	21	13,003	0.04	0.20	\$0	\$0	\$1,564	\$1,564	54.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,154	1,654,790	5	25	\$0	\$1,846	\$2,308	\$4,154	1.1
Residential Landscape Retrofit Program (116 WBIC/1,849 Nozzles)	81	14937822.04	46	418	\$37,313	\$0	\$37,313	\$74,626	2.3
Landscape Transformation Program (1,000 Sq. Ft.)	1	42,367	0.13	1	\$300	\$2,950	\$0	\$3,250	34.7
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,214</b>	<b>35,006,773</b>	<b>107</b>	<b>1,374</b>	<b>\$37,613</b>	<b>\$58,731</b>	<b>\$330,660</b>	<b>\$427,004</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	497	6,883,823	21	422	\$0	\$22,550	\$61,370	\$83,920	5.5
Waterless Urinals	17	679,795	2	42	\$0	\$491	\$3,400	\$3,891	2.6
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	847,340	3	26	\$0	\$504	\$3,080	\$3,584	1.9
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (246,138 Sq. Ft.)	11	10,428,129	32	320	\$0	\$137,463	\$448,906	\$586,369	25.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	2,259	3,092,074	9	95	\$0	\$4,650	\$4,650	\$9,300	1.4
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	100	143,396	0.44	2	\$0	\$160	\$200	\$360	1.1
<b>Subtotal</b>	<b>2,892</b>	<b>22,074,556</b>	<b>68</b>	<b>907</b>	<b>\$0</b>	<b>\$165,818</b>	<b>\$521,606</b>	<b>\$687,424</b>	
<b>TOTAL</b>	<b>5,106</b>	<b>57,081,330</b>	<b>175</b>	<b>2,281</b>	<b>\$37,613</b>	<b>\$224,549</b>	<b>\$852,266</b>	<b>\$1,114,428</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	66	914,150	3	56	\$0	\$3,300	\$3,300	\$6,600	3.1
High Efficiency Clothes Washers (HECW)	51	458,737	1	21	\$0	\$3,315	\$4,335	\$7,650	7.2
Rotating Nozzles for Pop-up Spray Heads	15	19,551	0.06	0.30	\$0	\$15	\$60	\$75	1.7
Weather based Irrigation Controllers (WBIC)	3	317,753	1	10	\$0	\$210	\$240	\$450	0.6
Turf Removal (6,908 Sq. Ft.)	3	977,700	1	9	\$0	\$0	\$12,770	\$12,770	19.1
Rain Barrels	5	529,508	2	16	\$0	\$0	\$375	\$375	0.2
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,426	3,162,058	10	49	\$0	\$0	\$8,190	\$8,190	1.1
Residential Landscape Retrofit Program (112 WBIC/1,785 Nozzles)	72	14,339,600	44	403	\$64,912	\$0	\$64,912	\$129,825	3.9
Landscape Transformation Program (19,028 Sq. Ft.)	21	306,607	1	9	\$0	\$25,417	\$38,056	\$63,473	84.4
<b>Subtotal</b>	<b>2,662</b>	<b>21,025,663</b>	<b>63</b>	<b>573</b>	<b>\$64,912</b>	<b>\$32,257</b>	<b>\$132,238</b>	<b>\$229,407</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$90	\$200	\$290	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$184	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	65,180	0.2	1	\$0	\$930	\$1,000	\$1,930	12.8
Turf Removal (15,020 Sq. Ft.)	5	636,352	2	20	\$0	\$15,020	\$30,040	\$45,060	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	200	260,720	1	4	\$0	\$0	\$650	\$650	1.1
<b>Subtotal</b>	<b>206</b>	<b>962,252</b>	<b>3</b>	<b>25</b>	<b>\$0</b>	<b>\$16,040</b>	<b>\$32,074</b>	<b>\$47,931</b>	
<b>TOTAL</b>	<b>2,868</b>	<b>21,987,915</b>	<b>66</b>	<b>598</b>	<b>\$64,912</b>	<b>\$48,297</b>	<b>\$164,312</b>	<b>\$277,338</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	39	540,098	2	33	\$0	\$1,950	\$1,950	\$3,900	3.1
High Efficiency Clothes Washers (HECW)	38	341,753	1	16	\$0	\$2,470	\$3,230	\$5,700	7.2
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0	0	\$0	\$2	\$8	\$10	1.7
Weather based Irrigation Controllers (WBIC)	2	211,803	1	7	\$0	\$140	\$160	\$300	0.6
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	712	928,024	3	14	\$0	\$0	\$7,394	\$7,394	3.5
Residential Landscape Retrofit Program (55 WBIC/347 Nozzles)	32	6,192,100	19	188	\$15,310	\$0	\$15,310	\$30,619	2.1
Landscape Transformation Program (6,720 Sq. Ft.)	7	306,607	1	9	\$0	\$13,414	\$6,720	\$20,134	28.5
<b>Subtotal</b>	<b>832</b>	<b>8,522,991</b>	<b>26</b>	<b>267</b>	<b>\$15,310</b>	<b>\$17,976</b>	<b>\$34,771</b>	<b>\$68,056</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	27,697	0.09	2	\$0	\$90	\$200	\$290	4.5
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,803	1	7	\$0	\$0	\$184	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	48	62,563	0.19	1	\$0	\$48	\$192	\$240	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	65,170	0	1	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	1,460	1,902,970	6	29	\$0	\$0	\$4,745	\$4,745	1.1
<b>Subtotal</b>	<b>1,512</b>	<b>2,270,204</b>	<b>7</b>	<b>40</b>	<b>\$0</b>	<b>\$138</b>	<b>\$5,321</b>	<b>\$5,276</b>	
<b>TOTAL</b>	<b>2,344</b>	<b>10,793,195</b>	<b>33</b>	<b>307</b>	<b>\$15,310</b>	<b>\$18,114</b>	<b>\$40,092</b>	<b>\$73,332</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	50	449,674	1.38	20.70	\$0	\$3,250	\$4,250	\$7,500	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	\$0	\$350	\$400	\$750	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,575	2,052,861	6.30	63.00	\$0	\$0	\$7,394	\$7,394	1.6
Residential Landscape Retrofit Program	20	5,214,400	16.00	145.00	\$10,305	\$1,678	\$11,982	\$23,965	2.1
Landscape Transformation Program (4,732 Sq. Ft.)	6	199,477	0.61	6.12	\$1,183	\$3,629	\$4,732	\$9,544	21.4
<b>Subtotal</b>	<b>1,656</b>	<b>8,445,920</b>	<b>26</b>	<b>251</b>	<b>\$11,488</b>	<b>\$8,907</b>	<b>\$28,758</b>	<b>\$49,153</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	4	55,395	0.1700	3.4000	\$293	\$143	\$200	\$636	5.1
IEUA Single-Family Direct Install Prog. (HET)	96	1,329,472	4.0800	81.6000	\$7,041	\$3,423	\$4,800	\$15,264	5.1
<b>Subtotal</b>	<b>100</b>	<b>1,384,867</b>	<b>4</b>	<b>85</b>	<b>\$7,334</b>	<b>\$3,566</b>	<b>\$5,000</b>	<b>\$15,900</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	11	152,335	0.47	9.35	\$0	\$550	\$550	\$1,100	3.2
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	30	224,837	0.69	3.45	\$0	\$300	\$300	\$600	1.2
Air-Cooled Ice Machine	1	65,170	0.20	1.40	\$0	\$930	\$1,000	\$1,930	13.3
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	282	367,560	1.13	5.64	\$0	\$0	\$917	\$917	1.1
<b>Subtotal</b>	<b>324</b>	<b>809,903</b>	<b>2</b>	<b>20</b>	<b>\$0</b>	<b>\$1,780</b>	<b>\$2,767</b>	<b>\$4,548</b>	
<b>TOTAL</b>	<b>2,080</b>	<b>10,640,690</b>	<b>33</b>	<b>356</b>	<b>\$18,822</b>	<b>\$14,253</b>	<b>\$36,524</b>	<b>\$69,600</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	54	485,648	1.49	22.36	\$0	\$0	\$4,590	\$4,590	4.5
Rotating Nozzles for Pop-up Spray Heads	40	52,136	0.16	0.80	\$0	\$80	\$120	\$200	1.8
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.6
FreeSprinklerNozzles.com Program	2,197	2,863,579	8.79	87.88	\$0	\$0	\$6,825	\$6,825	1.1
Residential Landscape Retrofit Program	3	977,700	3.00	25.00	\$0	\$2,167	\$1,858	\$4,025	2.0
<b>Subtotal</b>	<b>2,295</b>	<b>4,484,965</b>	<b>14</b>	<b>139</b>	<b>\$0</b>	<b>\$2,292</b>	<b>\$13,473</b>	<b>\$15,765</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	9	124,638	0.38	7.65	\$660	\$321	\$450	\$1,431	7.5
IEUA Single-Family Direct Install Prog. (HET)	143	1,980,359	6.08	121.55	\$10,488	\$5,099	\$7,150	\$22,737	7.5
<b>Subtotal</b>	<b>152</b>	<b>2,104,997</b>	<b>6</b>	<b>129</b>	<b>\$11,148</b>	<b>\$5,420</b>	<b>\$7,600</b>	<b>\$24,168</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	5	199,910	0.61	12.27	\$0	\$250	\$1,000	\$1,250	3.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	17	1,800,327	5.53	55.25	\$0	\$6,120	\$10,200	\$16,320	4.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	2,889	3,765,534	11.56	115.56	\$0	\$0	\$37,557	\$37,557	4.8
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,911</b>	<b>5,765,771</b>	<b>18</b>	<b>183</b>	<b>\$1</b>	<b>\$6,370</b>	<b>\$48,757</b>	<b>\$55,128</b>	
<b>TOTAL</b>	<b>5,358</b>	<b>12,355,733</b>	<b>38</b>	<b>452</b>	<b>\$11,149</b>	<b>\$14,082</b>	<b>\$69,830</b>	<b>\$95,061</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$70	\$100	\$170	4.0
High Efficiency Clothes Washers (HECW)	94	845,388	2.59	38.92	\$0	\$0	\$7,990	\$7,990	6.2
Rotating Nozzles for Pop-up Spray Heads	150	195,511	0.60	3.00	\$0	\$300	\$450	\$750	2.5
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$180	\$320	\$500	0.8
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	91	118,610	0.36	3.64	\$0	\$0	\$6,825	\$6,825	37.6
Residential Landscape Retrofit Program	10	2,933,100	9.00	85.00	\$0	\$5,662	\$5,482	\$11,144	2.5
<b>Subtotal</b>	<b>351</b>	<b>4,543,912</b>	<b>14</b>	<b>145</b>	<b>\$0</b>	<b>\$6,212</b>	<b>\$21,167</b>	<b>\$27,379</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	11	152,335	0.47	9.35	807	392	550	1,749	7.5
<b>Subtotal</b>	<b>11</b>	<b>152,335</b>	<b>0</b>	<b>9</b>	<b>\$807</b>	<b>\$392</b>	<b>\$550</b>	<b>\$1,749</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$135	\$165	\$300	14.2
Waterless Urinals	14	559,747	1.72	34.36	\$0	\$700	\$2,800	\$3,500	4.1
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>15</b>	<b>573,596</b>	<b>2</b>	<b>35</b>	<b>\$0</b>	<b>\$835</b>	<b>\$2,965</b>	<b>\$3,800</b>	
<b>TOTAL</b>	<b>377</b>	<b>5,269,843</b>	<b>16</b>	<b>190</b>	<b>\$807</b>	<b>\$7,440</b>	<b>\$24,682</b>	<b>\$32,928</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	35	484,703	1.49	29.75	\$0	\$1,225	\$1,750	\$2,975	4.0
High Efficiency Clothes Washers (HECW)	22	197,857	0.61	9.11	\$0	\$1,100	\$2,420	\$3,520	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>57</b>	<b>682,560</b>	<b>2</b>	<b>39</b>	<b>\$0</b>	<b>\$2,325</b>	<b>\$4,170</b>	<b>\$6,495</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	211	2,922,069	8.97	179.35	\$15,475	\$7,524	\$34,815	\$57,814	12.9
<b>Subtotal</b>	<b>211</b>	<b>2,922,069</b>	<b>9</b>	<b>179</b>	<b>\$15,475</b>	<b>\$7,524</b>	<b>\$34,815</b>	<b>\$57,814</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$990	\$1,650	\$2,640	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	220	286,749	0.88	4.40	\$0	\$0	\$880	\$880	2.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>224</b>	<b>710,355</b>	<b>2</b>	<b>17</b>	<b>\$0</b>	<b>\$990</b>	<b>\$2,530</b>	<b>\$3,520</b>	
<b>TOTAL</b>	<b>492</b>	<b>4,314,984</b>	<b>13</b>	<b>236</b>	<b>\$15,475</b>	<b>\$10,839</b>	<b>\$41,515</b>	<b>\$67,829</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	296	4,099,206	12.58	251.60	\$0	\$0	\$48,840	\$48,840	7.8
High Efficiency Clothes Washers (HECW)	68	611,557	1.88	28.15	\$0	\$0	\$7,480	\$7,480	8.0
Rotating Nozzles for Pop-up Spray Heads	171	222,882	0.68	3.42	\$0	\$0	\$684	\$684	2.0
Weather Based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$0	\$160	\$160	0.5
Water Wise Landscape (Turf Buy Back) (19,580 Sq. Ft.)	10	893,223	2.74	27.41	\$0	\$18,836	\$0	\$18,836	13.8
Synthetic Turf (3,529 Sq. Ft.)	3	160,990	0.49	4.94	\$0	\$1,059	\$1,319	\$2,378	9.7
<b>Subtotal</b>	<b>550</b>	<b>6,199,661</b>	<b>19</b>	<b>322</b>	<b>\$0</b>	<b>\$19,895</b>	<b>\$58,483</b>	<b>\$78,378</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	122	1,689,537	5.19	103.70	\$8,947	\$4,351	\$20,130	\$33,428	12.9
<b>Subtotal</b>	<b>122</b>	<b>1,689,537</b>	<b>5</b>	<b>104</b>	<b>\$8,947</b>	<b>\$4,351</b>	<b>\$20,130</b>	<b>\$33,428</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	45	623,190	1.91	38.25	\$0	\$6,075	\$7,425	\$13,500	14.2
Waterless Urinals	16	639,711	1.96	39.26	\$0	\$0	\$6,400	\$6,400	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (1,925 Sq. Ft.)	2	87,817	0.27	2.70	\$0	\$578	\$578	\$1,155	8.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	3	149,566	0.46	2.30	\$0	\$0	\$180	\$180	0.8
<b>Subtotal</b>	<b>66</b>	<b>1,500,283</b>	<b>5</b>	<b>83</b>	<b>\$0</b>	<b>\$6,653</b>	<b>\$14,583</b>	<b>\$21,235</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	\$0	\$0	\$1,285	\$1,285	15.2
Waterless Urinals	2	81,463	0.25	5.00	\$0	\$0	\$1,071	\$1,071	8.6
Water Brooms	4	199,942	0.61	3.07	\$0	\$0	\$1,401	\$1,401	4.6
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	4	1,292,977	3.97	39.68	\$0	\$0	\$19,321	\$19,321	9.8
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>14</b>	<b>1,629,776</b>	<b>5</b>	<b>51</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,078</b>	<b>\$23,078</b>	
<b>TOTAL</b>	<b>752</b>	<b>11,019,258</b>	<b>34</b>	<b>559</b>	<b>\$8,947</b>	<b>\$30,898</b>	<b>\$116,274</b>	<b>\$156,119</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.7
High Efficiency Toilets (HET)	5	69,243	0.21	4.25	\$0	\$0	\$825	\$825	9.1
High Efficiency Clothes Washers (HECW)	96	863,375	2.65	39.74	\$0	\$0	\$10,560	\$10,560	9.3
Rotating Nozzles for Pop-up Spray Heads	262	341,492	1.05	5.24	\$0	\$0	\$1,048	\$1,048	2.3
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$480	\$240	\$720	1.7
Water Wise Landscape (Turf Buy Back) (270 Sq. Ft.)	1	12,317	0.04	0.38	\$0	\$540	\$0	\$540	33.5
Synthetic Turf (2,783 Sq. Ft.)	4	126,958	0.39	3.90	\$0	\$835	\$835	\$1,670	10.0
<b>Subtotal</b>	<b>377</b>	<b>1,805,188</b>	<b>6</b>	<b>68</b>	<b>\$0</b>	<b>\$1,855</b>	<b>\$13,868</b>	<b>\$15,723</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	122	1,506,670	4.62	92.48	\$8,947	\$4,351	\$7,320	\$20,618	10.4
<b>Subtotal</b>	<b>122</b>	<b>1,506,670</b>	<b>5</b>	<b>92</b>	<b>\$8,947</b>	<b>\$4,351</b>	<b>\$7,320</b>	<b>\$20,618</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	146	2,021,905	6.21	124.10	\$0	\$19,710	\$24,090	\$43,800	16.5
Waterless Urinals	24	959,566	2.94	58.90	\$0	\$0	\$9,600	\$9,600	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$175	\$625	\$800	2.9
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (925 Sq. Ft.)	1	42,198	0.13	1.30	\$0	\$278	\$278	\$555	10.0
Rotating Nozzles for Pop-up Spray Heads	65	84,721	0.26	1.30	\$0	\$0	\$260	\$260	0.0
<b>Subtotal</b>	<b>237</b>	<b>3,318,238</b>	<b>10</b>	<b>189</b>	<b>\$0</b>	<b>\$20,163</b>	<b>\$34,853</b>	<b>\$55,015</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	4	199,942	0.61	3.07	\$0	\$0	\$1,520	\$1,520	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>199,942</b>	<b>1</b>	<b>3</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,520</b>	<b>\$1,520</b>	
<b>TOTAL</b>	<b>740</b>	<b>6,830,039</b>	<b>21</b>	<b>352</b>	<b>\$8,947</b>	<b>\$26,368</b>	<b>\$57,560</b>	<b>\$92,876</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	13	146,991	0.45	9.02	\$0	\$0	\$780	\$780	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	76	2,095,092	6.43	64.30	\$0	\$0	\$8,360	\$8,360	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	1	211,803	0.65	6.50	\$0	\$160	\$80	\$240	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	34	7,201,307	22.10	221.00	\$0	\$0	\$8,160	\$8,160	0.9
<b>Subtotal</b>	<b>124</b>	<b>9,508,202</b>	<b>29</b>	<b>301</b>	<b>\$0</b>	<b>\$160</b>	<b>\$16,600</b>	<b>\$16,760</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	460	5,201,234	15.96	319.24	\$33,736	\$16,404	\$27,600	\$77,740	11.4
<b>Subtotal</b>	<b>460</b>	<b>5,201,234</b>	<b>16</b>	<b>319</b>	<b>\$33,736</b>	<b>\$16,404</b>	<b>\$27,600</b>	<b>\$77,740</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	4	36,235	0.11	2.22	\$0	\$60	\$540	\$600	12.6
ULFT Tank	119	1,345,537	4.13	82.59	\$0	\$1,785	\$16,065	\$17,850	10.1
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	66	1,819,422	5.58	83.75	\$0	\$4,620	\$8,580	\$13,200	5.5
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>190</b>	<b>3,251,178</b>	<b>10</b>	<b>169</b>	<b>\$0</b>	<b>\$6,465</b>	<b>\$25,335</b>	<b>\$31,800</b>	
<b>TOTAL</b>	<b>774</b>	<b>17,960,614</b>	<b>55</b>	<b>789</b>	<b>\$33,736</b>	<b>\$23,029</b>	<b>\$69,535</b>	<b>\$126,300</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	38	429,667	1.32	26.37	\$0	\$38	\$2,280	\$2,318	4.1
High Efficiency Clothes Washers	66	593,570	1.82	27.32	\$0	\$66	\$7,260	\$7,326	9.4
<b>Subtotal</b>	<b>104</b>	<b>1,023,237</b>	<b>3</b>	<b>54</b>	<b>\$0</b>	<b>\$104</b>	<b>\$9,540</b>	<b>\$9,644</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	101	1,142,010	3.50	70.09	\$0	\$10,605	\$6,060	\$16,665	11.1
<b>Subtotal</b>	<b>101</b>	<b>1,142,010</b>	<b>4</b>	<b>70</b>	<b>\$0</b>	<b>\$10,605</b>	<b>\$6,060</b>	<b>\$16,665</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	64	723,650	2.22	44.42	\$0	\$64	\$3,840	\$3,904	4.1
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	2	17,987	0.06	0.83	\$0	\$0	\$500	\$500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>66</b>	<b>741,637</b>	<b>2</b>	<b>45</b>	<b>\$0</b>	<b>\$64</b>	<b>\$4,340</b>	<b>\$4,404</b>	
<b>TOTAL</b>	<b>271</b>	<b>2,906,884</b>	<b>9</b>	<b>169</b>	<b>\$0</b>	<b>\$10,773</b>	<b>\$19,940</b>	<b>\$30,713</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	276	3,120,740	9.58	191.54	\$0	\$1,794	\$16,560	\$18,354	4.5
IEUA Regional Event (ULFT)	4	45,228	0.14	2.78	\$0	\$44	\$240	\$284	4.8
IEUA Rebate Program (ULFT)	37	418,360	1.28	25.68	\$0	\$37	\$2,220	\$2,257	4.1
High Efficiency Clothes Washers	92	827,401	2.54	38.09	\$0	\$92	\$10,120	\$10,212	9.4
Pool Cover Rebates	3	51,246	0.16	0.79	\$0	\$159	\$0	\$159	2.4
<b>Subtotal</b>	<b>412</b>	<b>4,462,975</b>	<b>14</b>	<b>259</b>	<b>\$0</b>	<b>\$2,126</b>	<b>\$29,140</b>	<b>\$31,266</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	12	135,684	0.42	8.33	\$0	\$1,260	\$720	\$1,980	11.1
<b>Subtotal</b>	<b>12</b>	<b>135,684</b>	<b>0</b>	<b>8</b>	<b>\$0</b>	<b>\$1,260</b>	<b>\$720</b>	<b>\$1,980</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	2	17,987	0.06	0.83	\$0	\$0	\$500	\$500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	1	1,042,723	3.20	16.00	\$0	\$0	\$2,000	\$2,000	1.5
<b>Subtotal</b>	<b>3</b>	<b>1,060,710</b>	<b>3</b>	<b>17</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500</b>	<b>\$2,500</b>	
<b>TOTAL</b>	<b>427</b>	<b>5,659,370</b>	<b>17</b>	<b>284</b>	<b>\$0</b>	<b>\$3,386</b>	<b>\$32,360</b>	<b>\$35,746</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	297	3,358,188	10.31	206.12	\$0	\$574	\$17,220	\$17,794	4.7
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	3.4
IEUA Rebate Program (ULFT)	130	1,469,914	4.51	90.22	\$0	\$130	\$7,800	\$7,930	4.6
High Efficiency Clothes Washers	83	746,459	2.29	34.36	\$0	\$130	\$14,300	\$14,430	5.7
Pool Cover Rebates	23	802,854	2.46	12.30	\$0	\$1,219	\$0	\$1,219	2.4
<b>Subtotal</b>	<b>535</b>	<b>6,400,029</b>	<b>20</b>	<b>344</b>	<b>\$0</b>	<b>\$2,075</b>	<b>\$39,440</b>	<b>\$41,515</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	106	1,198,545	3.68	73.56	\$0	\$3,604	\$6,360	\$9,964	4.2
<b>Subtotal</b>	<b>106</b>	<b>1,198,545</b>	<b>4</b>	<b>74</b>	<b>\$0</b>	<b>\$3,604</b>	<b>\$6,360</b>	<b>\$9,964</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	5.1
Water Brooms (Rebates)	24	1,199,653	3.68	18.41	\$0	\$2,400	\$2,400	\$4,800	3.1
Water Brooms (Distribution)	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.6
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
<b>Subtotal</b>	<b>44</b>	<b>1,461,507</b>	<b>4</b>	<b>27</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$7,100</b>	<b>\$9,500</b>	
<b>TOTAL</b>	<b>685</b>	<b>9,060,081</b>	<b>28</b>	<b>445</b>	<b>\$0</b>	<b>\$8,079</b>	<b>\$52,900</b>	<b>\$60,979</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	292	3,301,653	10.13	202.65	\$0	\$740	\$22,200	\$22,940	4.7
IEUA Regional Event (ULFT)	59	667,115	2.05	40.95	\$0	\$363	\$1,980	\$2,343	5.6
IEUA Rebate Program (ULFT)	14	158,298	0.49	9.72	\$0	\$14	\$840	\$854	5.1
High Efficiency Clothes Washers	46	413,700	1.27	19.04	\$0	\$127	\$13,970	\$14,097	5.8
Pool Cover Rebates	25	1,246,986	3.83	19.15	\$0	\$1,325	\$0	\$1,325	2.4
<b>Subtotal</b>	<b>436</b>	<b>5,787,752</b>	<b>18</b>	<b>292</b>	<b>\$0</b>	<b>\$2,569</b>	<b>\$38,990</b>	<b>\$41,559</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	57	644,501	1.98	39.56	\$0	\$5,372	\$9,480	\$14,852	4.2
<b>Subtotal</b>	<b>57</b>	<b>644,501</b>	<b>2</b>	<b>40</b>	<b>\$0</b>	<b>\$5,372</b>	<b>\$9,480</b>	<b>\$14,852</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	42	377,726	1.16	17.39	\$0	\$0	\$10,500	\$10,500	5.0
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	65	84,721	0.26	1.30	\$0	\$0	\$3,250	\$3,250	0.6
X-Ray Film Processor	4	4,170,893	12.80	64.00	\$0	\$0	\$8,000	\$8,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>120</b>	<b>5,083,210</b>	<b>16</b>	<b>331</b>	<b>\$0</b>	<b>\$900</b>	<b>\$22,650</b>	<b>\$23,550</b>	
<b>TOTAL</b>	<b>613</b>	<b>11,515,463</b>	<b>35</b>	<b>662</b>	<b>\$0</b>	<b>\$8,841</b>	<b>\$71,120</b>	<b>\$79,961</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary  
Monte Vista Water District  
FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	8	15	4,028	140
<i>Shows That Teach</i>	0	0	0	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	0	0	0

	Project	Amount
<i>WUE Support Tools</i>	Water and Wastewater Rate Study	\$10,000.00
<i>MA Locally Implemented Programs</i>	Commercial High Efficiency Nozzle Retrofit Program	\$19,786.50

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	10	4	\$3,150.00
<i>Landscape Design Services</i>	0	0	\$0

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$3,016.65
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$2,000
	2017-2018	\$2,000
	2016-2017	\$0
	2015-2016	\$0
	2014-2015	\$2,000
	2013-2014	\$0
	2012-2013	\$0
	2011-2012	\$2,000
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$2,000
	2007-2008	\$2,000
	<b>TOTAL</b>	<b>\$12,000</b>



Monte Vista Water District  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2018-19</b>				
National Theater for Children	8	4,028	140	\$ 8,320.00
Garden In Every School	N/A	N/A	N/A	N/A
Shows That Teach	N/A	N/A	N/A	N/A
<b>TOTAL</b>	<b>8</b>	<b>4,028</b>	<b>140</b>	<b>\$ 8,320.00</b>
<b>FY 2017-18</b>				
National Theater for Children	7	3,450	152	\$ 7,280.00
Garden In Every School	2	3702	166	\$ 1,617.44
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>9</b>	<b>7,152</b>	<b>318</b>	<b>\$ 8,897.44</b>
<b>FY 2016-17</b>				
National Theater for Children	6	2,700	133	\$ 6,240.00
Garden In Every School	1	2917	1	\$ 4,500.00
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>5,617</b>	<b>134</b>	<b>\$ 10,740.00</b>
<b>FY 2015-16</b>				
National Theater for Children	5	3,060	123	\$ 4,950.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	1	513	18	\$ 975.00
<b>TOTAL</b>	<b>6</b>	<b>3,573</b>	<b>141</b>	<b>\$ 5,925.00</b>
<b>FY 2014-15</b>				
National Theater for Children	4	2,760	127	\$ 4,060.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	1	330	10	\$ 725.00
<b>TOTAL</b>	<b>5</b>	<b>3,090</b>	<b>137</b>	<b>\$ 4,785.00</b>
<b>FY 2013-14</b>				
National Theater for Children	6	3,215	108	\$ 6,090.00
Garden In Every School	2	100	3	\$ 1,579.45
<b>TOTAL</b>	<b>8</b>	<b>3315</b>	<b>111</b>	<b>\$ 7,669.45</b>
<b>FY 2012-13</b>				
<b>National Theater for Children</b>	<b>7</b>	<b>4,345</b>	<b>196</b>	<b>\$ 6,622.00</b>
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>4345</b>	<b>196</b>	<b>\$ 6,622.00</b>
<b>FY 2011-12</b>				
National Theater for Children	7	4250	173	\$ 6,878.83
<b>Garden In Every School</b>	<b>1</b>	<b>702</b>	<b>30</b>	<b>\$ 7,500.00</b>
<b>TOTAL</b>	<b>8</b>	<b>4952</b>	<b>203</b>	<b>\$ 14,378.83</b>
<b>FY 2010-11</b>				
National Theater for Children	6	2940	129	\$ 5,896.14
Garden In Every School	1	433	28	\$ 6,310.00
<b>TOTAL</b>	<b>7</b>	<b>3,373</b>	<b>157</b>	<b>\$ 12,206.14</b>

Monte Vista Water District (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	8	3728	169	\$ 7,792.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>8</b>	<b>3728</b>	<b>169</b>	<b>\$ 7,792.00</b>
<b>FY 2008-09</b>				
National Theater for Children	5	2280	93	\$ 4,640.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>2280</b>	<b>93</b>	<b>\$ 4,640.00</b>
<b>FY 2007-08</b>				
National Theater for Children	4	2290	74	\$ 4,108.00
Garden In Every School	1	140	6	\$ 7,776.00
<b>TOTAL</b>	<b>1</b>	<b>2430</b>	<b>80</b>	<b>\$ 11,884.00</b>
<b>FY 2006-07</b>				
National Theater for Children	2	245	55	\$ 980.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	180	6	
<b>TOTAL</b>	<b>3</b>	<b>425</b>	<b>61</b>	<b>\$ 980.00</b>
<b>FY 2005-06</b>				
National Theater for Children	7	2430	106	\$ 9,720.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	344	13	
<b>TOTAL</b>	<b>8</b>	<b>2774</b>	<b>119</b>	<b>\$ 9,720.00</b>
<b>FY 2004-05</b>				
National Theater for Children	8	3021	131	\$ 12,084.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	40	1	
<b>TOTAL</b>	<b>9</b>	<b>3061</b>	<b>132</b>	<b>\$ 12,084.00</b>
<b>FY 2003-04</b>				
Think Earth! It's Magic	4	1,804	77	\$ 7,216.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>4</b>	<b>1,804</b>	<b>77</b>	<b>\$ 7,216.00</b>
<b>FY 2002-03</b>				
Think Earth! It's Magic	1	264	12	\$ 1,056.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>1</b>	<b>264</b>	<b>12</b>	<b>\$ 1,056.00</b>
<b>2002-2019 Totals</b>	<b>104</b>	<b>56211</b>	<b>2280</b>	<b>\$ 134,915.86</b>

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
Monte Vista Water District	Khosroshin	1		Montclair	N/A	0.09	237	176	0.14	Adjust the irrigation controller to the schedule provided in the report.
Monte Vista Water District	Jardella	1		Montclair	N/A	0.12	269	235	0.08	Make necessary repairs and irrigation system upgrades.
Monte Vista Water District	Lawrence	1		Chino	N/A	0.05	58	82	0.00	Adjust the irrigation controller to the schedule provided in the report.
Monte Vista Water District	Montoya	1		Montclair	N/A	0.03	38	43	0.00	Adjust the irrigation schedule to the one provided in the report.
Monte Vista Water District	Ricks	1		Montclair	N/A	0.04	137	57	0.18	Make necessary repairs shown in the report. Change irrigation schedule to the one provided.
Monte Vista Water District	Lawrence	1		Chino	N/A	0.05	249	164	0.20	Adjust the irrigation schedule to the one provided in the report.
Monte Vista Water District	Hildedardt	1		Chino	57%	0.18	438	256	0.42	Update the irrigation schedule to the recommended schedule. Make the minor irrigation repairs.
Monte Vista Water District	Guerra	1		Montclair	N/A	0.05	57	56	0.00	Adjust system to the schedule provided with the report.
Monte Vista Water District	Lu	1		Montclair	N/A	0.07	165	125	0.09	Make necessary repairs highlighted in the report.
Monte Vista Water District	Rousseve	1		Montclair	N/A	0.13	194	220	0.00	Refer to the recommendations provided in the report.
Monte Vista Water District	Hacienda Estates		2	Montclair	85%	3.00	8584	3317	9.30	Adjust irrigation schedule to the one provided in the report. Make necessary repairs.

**CITY OF ONTARIO**  
**Annual Water Use Efficiency Programs Report**  
**FY 2018-2019**



# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	54	432,926	1	27	\$0	\$3,240	\$2,160	\$5,400	5.1
High Efficiency Clothes Washers (HECW)	123	1,382,957	4	59	\$0	\$9,225	\$10,455	\$19,680	5.8
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	38	512,706	2	16	\$0	\$3,040	\$3,040	\$6,080	4.8
Turf Removal (7,416 Sq. Ft.)	4	318,888	1	10	\$0	\$4,890	\$8,732	\$13,622	17.4
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (60 Small Sites/ 7 Large Sites)	67	976,918	3	15	\$36,265	\$0	\$0	\$36,265	15.1
Residential Landscape Retrofit Program (12 WBIC/ 108 Nozzles)	9	316,775	1	7	\$4,068	\$0	\$4,234	\$8,303	10.7
Res. Education, Survey, and Controller Upgrade Program (71 WBIC)	67	957,950	3	29	\$0	\$28,027	\$17,178	\$45,205	19.2
Residential Pressure Regulation Program	11	423,018	1	13	\$0	\$2,917	\$2,803	\$5,720	5.5
<b>Subtotal</b>	<b>374</b>	<b>5,322,137</b>	<b>8</b>	<b>176</b>	<b>\$40,333</b>	<b>\$51,339</b>	<b>\$48,902</b>	<b>\$140,575</b>	<b>22.7</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	234	1,876,011	6	115	\$0	\$14,040	\$9,360	\$23,400	5.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	1	209,880	1	3	\$0	\$375	\$625	\$1,000	1.9
Weather Based Irrigation Controllers (WBIC)	23	96,695	0.30	3	\$0	\$345	\$805	\$1,150	4.9
Rotating Nozzles for Pop-up Spray Heads (1 App/ 231 Nozzles)	1	0	0	0	\$0	\$3	\$2	\$5	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>259</b>	<b>2,182,585</b>	<b>7</b>	<b>121</b>	<b>\$0</b>	<b>\$14,763</b>	<b>\$10,792</b>	<b>\$25,555</b>	
<b>TOTAL</b>	<b>633</b>	<b>7,504,722</b>	<b>15</b>	<b>298</b>	<b>\$40,333</b>	<b>\$66,102</b>	<b>\$59,694</b>	<b>\$166,130</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	171	1,370,931	4	84	\$0	\$10,260	\$6,840	\$17,100	5.3
High Efficiency Clothes Washers (HECW)	133	1,495,392	5	64	\$0	\$8,645	\$11,305	\$19,950	5.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	21	283,337	1	9	\$0	\$1,470	\$1,680	\$3,150	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	4	2,477	0	0	\$0	\$0	\$140	\$140	23.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$829.50 Total Cost)	237	339,849	1	5	\$0	\$356	\$474	\$830	1.0
Residential Landscape Retrofit Program (20 WBIC/ 119 Nozzles)	14	439,835	1	10	\$6,706	\$268	\$6,438	\$13,412	12.9
Residential Education, Survey, and Controller Upgrade Program (16 W)	12	215,876	1	7	\$0	\$7,106	\$1,354	\$8,460	16.6
Residential Pressure Regulation Program	20	769,124	2	24	\$0	\$4,887	\$4,333	\$9,220	5.1
<b>Subtotal</b>	<b>612</b>	<b>4,916,821</b>	<b>15</b>	<b>203</b>	<b>\$6,706</b>	<b>\$32,992</b>	<b>\$32,564</b>	<b>\$72,262</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	293	2,349,022	7	144	\$0	\$17,580	\$11,720	\$29,300	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	9	37,837	0.12	1	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (3 Apps/ 5,050 Nozzles)	5,050	7,241,498	22	111	\$0	\$10,100	\$10,100	\$20,200	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	50,189	0	2	\$0	\$1,000	\$1,000	\$2,000	16.8
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	1,075	1,471,439	5	45	\$0	\$10,750	\$5,375	\$16,125	4.6
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$15,676.50 Total Cost)	2,880	3,754,368	12	58	\$0	\$9,917	\$5,760	\$15,677	1.8
<b>Subtotal</b>	<b>9,308</b>	<b>14,904,352</b>	<b>46</b>	<b>361</b>	<b>\$0</b>	<b>\$49,347</b>	<b>\$33,955</b>	<b>\$83,302</b>	
<b>TOTAL</b>	<b>9,920</b>	<b>19,821,173</b>	<b>61</b>	<b>563</b>	<b>\$6,706</b>	<b>\$82,338</b>	<b>\$66,519</b>	<b>\$155,563</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	859	6,886,723	21	423	\$0	\$61,299	\$34,140	\$95,439	6.1
High Efficiency Clothes Washers (HECW)	101	1,135,599	3	49	\$0	\$1,040	\$8,500	\$9,540	3.7
Rotating Nozzles for Pop-up Spray Heads	30	43,012	0.13	0.66	\$0	\$60	\$60	\$120	1.2
Weather based Irrigation Controllers (WBIC)	15	202,384	0.62	6	\$0	\$220	\$1,400	\$1,620	3.5
Turf Removal (7,531 Sq. Ft.)	5	319,066	0.98	10	\$0	\$0	\$15,062	\$15,062	20.7
Rain Barrels	196	121,365	0.37	1.86	\$0	\$0	\$14,520	\$14,520	52.4
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	427	612,301	2	9	\$0	\$683	\$854	\$1,537	1.1
Residential Landscape Retrofit Program (16 WBIC/27 Nozzles)	11	254,593	0.78	7	\$4,718	\$157	\$4,561	\$9,436	16.2
Residential Education, Survey, and Controller Upgrade Program	21	283,337	0.87	9	\$0	\$10,030	\$3,065	\$13,095	20.2
Residential Pressure Regulation Program	6	145,026	0.45	4	\$0	\$1,300	\$950	\$2,250	6.8
<b>Subtotal</b>	<b>1,671</b>	<b>10,003,406</b>	<b>31</b>	<b>520</b>	<b>\$4,718</b>	<b>\$74,789</b>	<b>\$83,112</b>	<b>\$162,619</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	355	2,846,085	9	175	\$0	\$20,030	\$40,870	\$60,900	9.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	70	294,288	0.90	9	\$0	\$19,065	\$81,138	\$100,203	149.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (282,521 Sq. Ft.)	4	11,969,567	37	367	\$0	\$0	\$345,883	\$345,883	12.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>429</b>	<b>15,109,940</b>	<b>46</b>	<b>551</b>	<b>\$0</b>	<b>\$39,095</b>	<b>\$467,891</b>	<b>\$506,986</b>	
<b>TOTAL</b>	<b>2,100</b>	<b>25,113,346</b>	<b>77</b>	<b>1,071</b>	<b>\$4,718</b>	<b>\$113,884</b>	<b>\$551,003</b>	<b>\$669,605</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	760	10,526,570	32	646	\$0	\$20,702	\$74,804	\$95,507	3.9
High Efficiency Clothes Washers (HECW)	146	1,641,558	5	76	\$0	\$1,430	\$12,325	\$13,755	3.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	16	1,694,680	5	52	\$0	\$250	\$1,260	\$1,510	0.4
Turf Removal (144,502 Sq. Ft.)	65	6,122,116	19	188	\$0	\$0	\$286,804	\$286,804	20.3
Rain Barrels	15	9,288	0.03	0.14	\$0	\$0	\$1,115	\$1,115	52.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	729	1,045,357	3	16	\$0	\$1,166	\$1,458	\$2,624	1.1
Residential Landscape Retrofit Program (127 WBIC/1,029 Nozzles)	88	14,927,067	46	435	\$37,647	\$0	\$37,647	\$75,295	2.2
Landscape Transformation Program (6,700 Sq. Ft.)	7	305,694	1	9	\$2,010	\$20,150	\$0	\$22,160	31.4
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,826</b>	<b>36,272,331</b>	<b>111</b>	<b>1,422</b>	<b>\$39,657</b>	<b>\$43,698</b>	<b>\$415,413</b>	<b>\$498,769</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1,041	14,452,557	44	887	\$0	\$40,905	\$105,215	\$146,120	4.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	51	5,401,793	17	166	\$0	\$6,342	\$14,495	\$20,836	1.7
Rotating Nozzles for Pop-up Spray Heads	1,500	2,150,940	7	33	\$0	\$1,500	\$3,000	\$4,500	0.9
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (379,066 Sq. Ft.)	10	16,059,889	49	493	\$0	\$379,066	\$689,732	\$1,068,798	28.8
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	525	718,610	2	22	\$0	\$2,625	\$2,625	\$5,250	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	3,806	4,961,502	15	76	\$0	\$4,548	\$7,612	\$12,160	1.1
<b>Subtotal</b>	<b>6,933</b>	<b>43,745,290</b>	<b>134</b>	<b>1,677</b>	<b>\$0</b>	<b>\$434,986</b>	<b>\$822,678</b>	<b>\$1,257,664</b>	
<b>TOTAL</b>	<b>8,759</b>	<b>80,017,621</b>	<b>246</b>	<b>3,099</b>	<b>\$39,657</b>	<b>\$478,684</b>	<b>\$1,238,092</b>	<b>\$1,756,434</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	154	2,133,016	6.55	130.90	\$0	\$7,700	\$7,700	\$15,400	3.1
High Efficiency Clothes Washers (HECW)	86	773,556	2.37	35.60	\$0	\$5,590	\$7,310	\$12,900	7.2
Rotating Nozzles for Pop-up Spray Heads	33	47,314	0.15	0.73	\$0	\$33	\$132	\$165	1.5
Weather based Irrigation Controllers (WBIC)	5	529,588	1.63	16.25	\$0	\$350	\$400	\$750	0.6
Turf Removal (5,544 Sq. Ft)	4	234,648	0.72	7.20	\$0	\$0	\$11,008	\$11,008	20.3
Rain Barrels	6	635,505	2	20	\$0	\$0	\$450	\$450	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,261	1,643,840	5.04	25.22	\$0	\$0	\$4,540	\$4,540	1.2
Residential Landscape Retrofit Program (20 WBIC/69 Nozzles)	14	2,281,300	7.00	67.00	\$6,638	\$0	\$6,638	\$13,277	2.5
Landscape Transformation Program (26,500 Sq. Ft)	30	482,312	1.30	15.00	\$0	\$34,991	\$53,000	\$87,991	90.0
<b>Subtotal</b>	<b>1,593</b>	<b>8,761,078</b>	<b>27</b>	<b>317</b>	<b>\$6,638</b>	<b>\$48,664</b>	<b>\$91,178</b>	<b>\$146,480</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	603	8,352,002	25.63	512.55	\$0	\$4,850	\$9,700	\$14,550	0.8
Waterless Urinals	9	359,891	1.10	22.09	\$0	\$450	\$1,800	\$2,250	2.7
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	14	1,482,845	4.55	45.50	\$0	\$1,398	\$5,386	\$6,784	2.0
Rotating Nozzles for Pop-up Spray Heads	608	792,589	2.43	12.16	\$0	\$608	\$928	\$1,536	0.8
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Turf Removal (110,540 Sq. Ft.)	14	4,683,248	14.37	143.70	\$0	\$86,447	\$225,494	\$311,941	28.9
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	3,831	4,994,092	15.32	76.62	\$0	\$0	\$12,451	\$12,451	1.1
<b>Subtotal</b>	<b>5,079</b>	<b>20,664,667</b>	<b>63</b>	<b>813</b>	<b>\$0</b>	<b>\$93,753</b>	<b>\$255,759</b>	<b>\$349,512</b>	
<b>TOTAL</b>	<b>6,672</b>	<b>29,425,745</b>	<b>90</b>	<b>1,130</b>	<b>\$6,638</b>	<b>\$142,417</b>	<b>\$346,937</b>	<b>\$495,992</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	49	678,585	2.08	41.65	\$0	\$2,450	\$2,450	\$4,900	3.1
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$9,100	\$11,900	\$21,000	7.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$140	\$160	\$300	0.6
Rain Barrels	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,014	1,321,652	4.06	20.28	\$0	\$0	\$3,296	\$3,296	1.1
Residential Landscape Retrofit Program (53 WBIC/445 Nozzles)	31	755,974	2.32	179.00	\$15,080	\$0	\$15,080	\$30,161	17.3
Landscape Transformation Program (10,571 Sq. Ft)	11	482,240	1.48	14.80	\$0	\$17,122	\$14,571	\$0	0.0
<b>Subtotal</b>	<b>1,247</b>	<b>4,709,342</b>	<b>14</b>	<b>320</b>	<b>\$15,080</b>	<b>\$28,812</b>	<b>\$47,457</b>	<b>\$59,656</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	97	1,343,321	4.12	82.45	\$0	\$4,850	\$9,700	\$14,550	4.7
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	847,213	2.60	26.00	\$0	\$1,398	\$5,386	\$6,784	3.5
Rotating Nozzles for Pop-up Spray Heads	232	302,390	0.93	4.64	\$0	\$232	\$928	\$1,160	1.7
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	1,660	2,163,651	6.64	33.20	\$0	\$0	\$5,395	\$5,395	1.1
<b>Subtotal</b>	<b>1,997</b>	<b>4,656,574</b>	<b>14</b>	<b>146</b>	<b>\$0</b>	<b>\$6,480</b>	<b>\$21,409</b>	<b>\$27,889</b>	
<b>TOTAL</b>	<b>3,244</b>	<b>9,365,916</b>	<b>29</b>	<b>466</b>	<b>\$15,080</b>	<b>\$35,292</b>	<b>\$68,866</b>	<b>\$87,545</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	96	863,375	2.65	39.74	\$0	\$6,240	\$8,160	\$14,400	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$140	\$160	\$300	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,508	1,965,533	6.03	30.16	\$0	\$0	\$4,901	\$4,901	1.1
Residential Landscape Retrofit Program	27	4,236,063	13.00	115.00	\$9,451	\$1,539	\$10,990	\$21,980	2.3
Landscape Transformation Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,633</b>	<b>7,276,774</b>	<b>22</b>	<b>191</b>	<b>\$9,451</b>	<b>\$7,919</b>	<b>\$24,211</b>	<b>\$41,581</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	34	470,855	1.45	28.90	\$2,494	\$1,212	\$1,700	\$5,406	5.1
IEUA Single-Family Direct Install Prog. (HET)	226	3,129,799	9.61	192.10	\$16,575	\$8,059	\$11,300	\$35,934	5.1
<b>Subtotal</b>	<b>260</b>	<b>3,600,654</b>	<b>11</b>	<b>221</b>	<b>\$19,068</b>	<b>\$9,272</b>	<b>\$13,000</b>	<b>\$41,340</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	4	159,928	0.49	2.45	\$0	\$4,000	\$7,000	\$11,000	30.8
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$1,080	\$1,800	\$2,880	6.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	1,307	1,703,549	5.23	26.14	\$0	\$1,307	\$3,921	\$5,228	1.4
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	46	344,750	1.06	5.29	\$0	\$460	\$460	\$920	1.2
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	6,700	8,732,807	26.80	134.00	\$0	\$0	\$21,775	\$21,775	1.1
<b>Subtotal</b>	<b>8,059</b>	<b>11,152,837</b>	<b>34</b>	<b>174</b>	<b>\$0</b>	<b>\$6,847</b>	<b>\$34,956</b>	<b>\$41,803</b>	
<b>TOTAL</b>	<b>9,952</b>	<b>22,030,265</b>	<b>68</b>	<b>587</b>	<b>\$28,519</b>	<b>\$24,038</b>	<b>\$72,167</b>	<b>\$124,724</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	124	1,115,192	3.42	51.34	\$0	\$0	\$10,540	\$10,540	4.5
Rotating Nozzles for Pop-up Spray Heads	98	127,734	0.39	1.96	\$0	\$196	\$294	\$490	1.8
Weather based Irrigation Controllers (WBIC)	9	953,114	2.93	29.25	\$0	\$405	\$720	\$1,125	0.6
FreeSprinklerNozzles.com Program	4,178	5,446,441	16.71	83.56	\$0	\$0	\$12,534	\$12,534	1.1
Residential Landscape Retrofit Program	7	1,629,500	5.00	45.00	\$0	\$5,106	\$3,852	\$8,959	2.6
<b>Subtotal</b>	<b>4,416</b>	<b>9,271,981</b>	<b>28</b>	<b>211</b>	<b>\$0</b>	<b>\$5,707</b>	<b>\$27,940</b>	<b>\$33,648</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	64	886,315	2.72	54.40	\$4,693.76	\$2,282.24	\$3,200.00	\$10,176.00	5.5
IEUA Single-Family Direct Install Prog. (HET)	370	5,124,007	15.73	314.50	\$27,135.80	\$13,194.20	\$18,500.00	\$58,830.00	5.5
<b>Subtotal</b>	<b>434</b>	<b>6,010,322</b>	<b>18</b>	<b>369</b>	<b>\$31,830</b>	<b>\$15,476</b>	<b>\$21,700</b>	<b>\$69,006</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	0	140	200	340	2.9
Waterless Urinals	42	1,679,241	5.15	103.07	0	2,100	8,400	10,500	3.0
PH Conductivity Controller	1	209,848	0.64	3.22	0	500	1,750	2,250	5.1
High Efficiency Clothes Washers	0	0	0.00	0.00	0	0	0	0	0.0
Weather based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	0	1,625	529	2,154	1.9
Rotating Nozzles for Pop-up Spray Heads	750	977,553	3.00	15.00	0	750	2,250	3,000	1.5
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
FreeSprinklerNozzles.com Program	2,000	2,606,808	8.00	80.00	0	0	26,000	26,000	4.8
Central Computerized Irrigation Controller	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>2,802</b>	<b>6,058,352</b>	<b>19</b>	<b>221</b>	<b>\$0</b>	<b>\$5,115</b>	<b>\$39,129</b>	<b>\$44,244</b>	
<b>TOTAL</b>	<b>7,652</b>	<b>21,340,655</b>	<b>65</b>	<b>801</b>	<b>\$31,830</b>	<b>\$26,299</b>	<b>\$88,769</b>	<b>\$146,898</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	10	138,487	0.43	8.50	\$0	\$350	\$500	\$850	4.0
High Efficiency Clothes Washers (HECW)	231	2,077,496	6.38	95.63	\$0	\$0	\$19,635	\$19,635	6.2
Rotating Nozzles for Pop-up Spray Heads	32	41,709	0.13	0.64	\$0	\$64	\$96	\$160	0.0
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.0
Synthetic Turf (1,176 Sq. Ft.)	1	53,648	0.16	1.65	\$0	\$529	\$353	\$882	10.7
FreeSprinklerNozzles.com Program	83	108,199	0.33	1.66	\$0	\$0	\$6,225	\$6,225	37.6
Residential Landscape Retrofit Program	52	8,799,300	27.00	255.00	\$0	\$21,414	\$17,709	\$39,123	2.9
<b>Subtotal</b>	<b>410</b>	<b>11,324,740</b>	<b>35</b>	<b>366</b>	<b>\$0</b>	<b>\$22,402</b>	<b>\$44,598</b>	<b>\$67,000</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	1,009	13,973,306	42.88	857.65	\$74,000	\$35,981	\$50,450	\$160,431	7.5
<b>Subtotal</b>	<b>1,009</b>	<b>13,973,306</b>	<b>43</b>	<b>858</b>	<b>\$74,000</b>	<b>\$35,981</b>	<b>\$50,450</b>	<b>\$160,431</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	18	719,675	2.21	44.17	\$0	\$900	\$3,600	\$4,500	4.1
PH Conductivity Controller	1	209,848	0.64	3.22	\$0	\$500	\$1,750	\$2,250	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$960	\$1,600	\$2,560	7.9
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	71	92,542	0.28	1.42	\$0	\$71	\$213	\$284	2.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>92</b>	<b>1,233,867</b>	<b>4</b>	<b>55</b>	<b>\$0</b>	<b>\$2,431</b>	<b>\$7,163</b>	<b>\$9,594</b>	
<b>TOTAL</b>	<b>1,511</b>	<b>26,531,913</b>	<b>81</b>	<b>1,279</b>	<b>\$74,000</b>	<b>\$60,814</b>	<b>\$102,211</b>	<b>\$237,025</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	36	498,552	1.53	30.60	\$0	\$1,260	\$1,800	\$3,060	4.0
High Efficiency Clothes Washers (HECW)	47	422,694	1.30	19.46	\$0	\$2,350	\$5,170	\$7,520	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf BuyBack) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (2,720 Sq. Ft.)	5	124,084	0.38	3.81	\$0	\$1,224	\$816	\$2,040	10.7
<b>Subtotal</b>	<b>88</b>	<b>1,045,330</b>	<b>3</b>	<b>54</b>	<b>\$0</b>	<b>\$4,834</b>	<b>\$7,786</b>	<b>\$12,620</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	55	761,677	2.34	46.75	\$4,034	\$1,961	\$9,075	\$15,070	12.9
<b>Subtotal</b>	<b>55</b>	<b>761,677</b>	<b>2</b>	<b>47</b>	<b>\$4,034</b>	<b>\$1,961</b>	<b>\$9,075</b>	<b>\$15,070</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.2
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$270	\$330	\$600	14.2
Waterless Urinals	63	2,518,861	7.73	154.60	\$0	\$0	\$25,200	\$25,200	6.5
High Efficiency Clothes Washers	3	105,087	0.32	3.23	\$0	\$300	\$240	\$540	3.4
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.0
Weather based Irrigation Controllers (WBIC)	16	1,694,425	5.20	52.00	\$0	\$6,120	\$10,200	\$16,320	6.3
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	1,377	1,794,787	5.51	27.54	\$0	\$0	\$5,508	\$5,508	2.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,468</b>	<b>6,264,942</b>	<b>19</b>	<b>244</b>	<b>\$0</b>	<b>\$6,690</b>	<b>\$41,988</b>	<b>\$48,678</b>	
<b>TOTAL</b>	<b>1,611</b>	<b>8,071,948</b>	<b>25</b>	<b>345</b>	<b>\$4,034</b>	<b>\$13,485</b>	<b>\$58,849</b>	<b>\$76,368</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	1	12,350	0.04	0.76	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	136	1,883,419	5.78	115.60	\$0	\$0	\$22,440	\$22,440	7.8
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$0	\$15,400	\$15,400	8.0
Rotating Nozzles for Pop-up Spray Heads	54	70,384	0.22	1.08	\$0	\$0	\$216	\$216	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$0	\$80	\$80	0.5
Water Wise Landscape (Turf BuyBack) (14,991 Sq. Ft.)	11	683,877	2.10	20.99	\$0	\$20,580	\$0	\$20,580	19.7
Synthetic Turf (13,174 Sq. Ft.)	15	600,987	1.84	18.44	\$0	\$3,952	\$3,952	\$7,904	8.6
<b>Subtotal</b>	<b>358</b>	<b>4,616,005</b>	<b>14</b>	<b>218</b>	<b>\$0</b>	<b>\$24,532</b>	<b>\$42,148</b>	<b>\$66,680</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	757	10,483,441	32.17	643.45	\$55,518	\$26,995	\$124,905	\$207,418	12.9
<b>Subtotal</b>	<b>757</b>	<b>10,483,441</b>	<b>32</b>	<b>643</b>	<b>\$55,518</b>	<b>\$26,995</b>	<b>\$124,905</b>	<b>\$207,418</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	266	3,683,746	11.31	226.10	\$0	\$35,910	\$43,890	\$79,800	14.2
Waterless Urinals	67	2,678,788	8.22	164.42	\$0	\$0	\$26,800	\$26,800	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	2	17,987	0.06	0.55	\$0	\$200	\$160	\$360	13.1
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.0
Weather Based Irrigation Controllers (WBIC)	39	4,130,161	12.68	126.75	\$0	\$0	\$26,091	\$26,091	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	43	56,046	0.17	0.86	\$0	\$0	\$172	\$172	2.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	3	149,566	0.46	2.30	\$0	\$0	\$180	\$180	0.8
<b>Subtotal</b>	<b>421</b>	<b>10,766,280</b>	<b>33</b>	<b>522</b>	<b>\$0</b>	<b>\$36,110</b>	<b>\$97,443</b>	<b>\$133,553</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	29	1,449,581	4.45	22.24	\$0	\$0	\$9,425	\$9,425	4.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	86	27,799,001	85.31	853.12	\$0	\$0	\$428,280	\$428,280	10.1
Synthetic Turf (163,285 Sq. Ft.)	1	7,448,921	22.86	228.60	\$0	\$0	\$122,464	\$122,464	10.7
<b>Subtotal</b>	<b>116</b>	<b>36,697,503</b>	<b>113</b>	<b>1,104</b>	<b>\$0</b>	<b>\$0</b>	<b>\$560,169</b>	<b>\$560,169</b>	
<b>TOTAL</b>	<b>1,652</b>	<b>62,563,229</b>	<b>192</b>	<b>2,487</b>	<b>\$55,518</b>	<b>\$87,637</b>	<b>\$824,665</b>	<b>\$967,820</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.7
High Efficiency Toilets (HET)	9	124,638	0.38	7.65	\$0	\$0	\$1,485	\$1,485	9.1
High Efficiency Clothes Washers (HECW)	168	1,510,906	4.64	69.55	\$0	\$0	\$18,480	\$18,480	9.3
Rotating Nozzles for Pop-up Spray Heads	110	143,374	0.44	2.20	\$0	\$0	\$440	\$440	2.3
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$160	\$80	\$240	1.7
Water Wise Landscape (Turf BuyBack) (2,682 Sq. Ft.)	3	122,351	0.38	3.75	\$0	\$5,364	\$0	\$5,364	33.5
Synthetic Turf (4,977 Sq. Ft.)	5	227,046	0.70	6.97	\$0	\$1,493	\$1,313	\$2,806	9.4
<b>Subtotal</b>	<b>302</b>	<b>2,308,315</b>	<b>7</b>	<b>98</b>	<b>\$0</b>	<b>\$7,017</b>	<b>\$22,158</b>	<b>\$29,175</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	708	8,743,625	26.83	536.66	\$51,925	\$25,247	\$42,480	\$119,652	10.4
<b>Subtotal</b>	<b>708</b>	<b>8,743,625</b>	<b>27</b>	<b>537</b>	<b>\$51,925</b>	<b>\$25,247</b>	<b>\$42,480</b>	<b>\$119,652</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	8	98,798	0.30	6.06	\$0	\$0	\$1,080	\$1,080	8.3
High Efficiency Toilets (HET)	1,140	15,787,481	48.45	969.00	\$0	\$153,900	\$188,100	\$342,000	16.5
Waterless Urinals	262	2,356,294	7.23	108.47	\$0	\$0	\$104,800	\$104,800	33.9
Conductivity Controller	9	1,888,632	5.80	28.98	\$0	\$1,575	\$5,625	\$7,200	2.9
High Efficiency Clothes Washers	5	44,967	0.14	2.07	\$0	\$1,450	\$650	\$2,100	35.6
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,425</b>	<b>20,226,158</b>	<b>62</b>	<b>1115</b>	<b>\$0</b>	<b>\$156,925</b>	<b>\$300,405</b>	<b>\$457,330</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	5	199,910	0.61	12.27	\$0	\$0	\$6,125	\$6,125	23.4
Water Brooms	7	349,899	1.07	5.37	\$0	\$0	\$2,660	\$2,660	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>12</b>	<b>549,808</b>	<b>2</b>	<b>18</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,785</b>	<b>\$8,785</b>	
<b>TOTAL</b>	<b>2,447</b>	<b>31,827,907</b>	<b>98</b>	<b>1,768</b>	<b>\$51,925</b>	<b>\$189,189</b>	<b>\$373,828</b>	<b>\$614,942</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	16	180,912	0.56	11.10	\$0	\$0	\$960	\$960	4.0
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$0	\$795	\$795	14.6
High Efficiency Clothes Washers (HECW)	177	4,879,358	14.97	224.61	\$0	\$0	\$19,470	\$19,470	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	9	1,906,228	5.85	58.50	\$0	\$1,440	\$720	\$2,160	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	10	2,118,032	6.50	65.00	\$0	\$0	\$2,400	\$2,400	0.9
<b>Subtotal</b>	<b>215</b>	<b>9,126,076</b>	<b>28</b>	<b>362</b>	<b>\$0</b>	<b>\$1,440</b>	<b>\$24,345</b>	<b>\$25,785</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	950	10,741,678	32.97	659.30	\$69,673	\$33,877	\$57,000	\$160,550	11.4
<b>Subtotal</b>	<b>950</b>	<b>10,741,678</b>	<b>33</b>	<b>659</b>	<b>\$69,673</b>	<b>\$33,877</b>	<b>\$57,000</b>	<b>\$160,550</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	260	2,939,828	9.02	180.44	\$0	\$3,900	\$35,100	\$39,000	10.1
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	2	419,696	1.29	6.44	\$0	\$0	\$1,250	\$1,250	2.3
High Efficiency Clothes Washers (HECW)	41	1,130,247	3.47	52.03	\$0	\$2,870	\$5,330	\$8,200	5.5
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	14	2,965,244	9.10	91.00	\$0	\$0	\$8,820	\$8,820	2.3
<b>Subtotal</b>	<b>317</b>	<b>7,455,015</b>	<b>23</b>	<b>330</b>	<b>\$0</b>	<b>\$6,770</b>	<b>\$50,500</b>	<b>\$57,270</b>	
<b>TOTAL</b>	<b>1,482</b>	<b>27,322,769</b>	<b>84</b>	<b>1,351</b>	<b>\$69,673</b>	<b>\$42,087</b>	<b>\$131,845</b>	<b>\$243,605</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	392	4,432,356	13.60	272.05	\$0	\$2,548	\$23,520	\$26,068	4.5
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	53	599,273	1.84	36.78	\$0	\$53	\$0	\$53	0.1
High Efficiency Clothes Washers	181	1,627,821	5.00	74.93	\$0	\$181	\$19,910	\$20,091	9.4
<b>Subtotal</b>	<b>626</b>	<b>6,659,449</b>	<b>20</b>	<b>384</b>	<b>\$0</b>	<b>\$2,782</b>	<b>\$43,430</b>	<b>\$46,212</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	2,132	24,106,587	73.98	1479.61	\$0	\$223,860	\$127,920	\$351,780	11.1
<b>Subtotal</b>	<b>2,132</b>	<b>24,106,587</b>	<b>74</b>	<b>1480</b>	<b>\$0</b>	<b>\$223,860</b>	<b>\$127,920</b>	<b>\$351,780</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	672	7,598,324	23.32	466.37	\$0	\$672	\$40,320	\$40,992	4.1
Conductivity Controller (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	52	467,661	1.44	21.53	\$0	\$0	\$13,000	\$13,000	21.2
Water Brooms	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.5
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	13	2,753,441	8.45	84.50	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>739</b>	<b>10,919,397</b>	<b>34</b>	<b>574</b>	<b>\$0</b>	<b>\$672</b>	<b>\$53,520</b>	<b>\$54,192</b>	
<b>TOTAL</b>	<b>3,497</b>	<b>41,685,434</b>	<b>128</b>	<b>2,437</b>	<b>\$0</b>	<b>\$227,314</b>	<b>\$224,870</b>	<b>\$452,184</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	214	2,419,704	7.43	148.52	\$0	\$1,391	\$12,840	\$14,231	4.5
IEUA Regional Event (ULFT)	11	124,377	0.38	7.63	\$0	\$121	\$660	\$781	4.8
IEUA Rebate Program (ULFT)	107	1,209,852	3.71	74.26	\$0	\$107	\$6,420	\$6,527	4.1
High Efficiency Clothes Washers	250	2,248,372	6.90	103.50	\$0	\$250	\$27,500	\$27,750	9.4
Pool Cover Rebates	7	119,574	0.37	1.83	\$0	\$371	\$0	\$371	2.4
<b>Subtotal</b>	<b>589</b>	<b>6,121,880</b>	<b>19</b>	<b>336</b>	<b>\$0</b>	<b>\$2,240</b>	<b>\$47,420</b>	<b>\$49,660</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,066	12,053,294	36.99	739.80	\$0	\$111,930	\$63,960	\$175,890	11.1
<b>Subtotal</b>	<b>1,066</b>	<b>12,053,294</b>	<b>37</b>	<b>740</b>	<b>\$0</b>	<b>\$111,930</b>	<b>\$63,960</b>	<b>\$175,890</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT (Tank)	5	56,535	0.17	3.47	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	1	8,993	0.03	0.41	\$0	\$0	\$250	\$250	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	3	3,128,170	9.60	148.00	\$0	\$0	\$6,000	\$6,000	1.5
<b>Subtotal</b>	<b>9</b>	<b>3,193,698</b>	<b>10</b>	<b>152</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,250</b>	<b>\$6,250</b>	
<b>TOTAL</b>	<b>1,664</b>	<b>21,368,872</b>	<b>66</b>	<b>1228</b>	<b>0</b>	<b>\$114,170</b>	<b>\$117,630</b>	<b>\$231,800</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Ontario

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	405	4,579,347	14.05	281.07	\$0	\$810	\$24,300	\$25,110	4.7
IEUA Regional Event (ULFT)	22	248,755	0.76	15.27	\$0	\$242	\$1,320	\$1,562	5.3
IEUA Rebate Program (ULFT)	201	2,272,713	6.97	139.49	\$0	\$201	\$12,060	\$12,261	4.6
High Efficiency Clothes Washers	226	2,032,528	6.24	93.56	\$0	\$226	\$24,860	\$25,086	5.7
Pool Cover Rebates	28	802,854	2.46	12.30	\$0	\$1,484	\$0	\$1,484	2.4
<b>Subtotal</b>	<b>882</b>	<b>9,936,197</b>	<b>30</b>	<b>542</b>	<b>\$0</b>	<b>\$2,963</b>	<b>\$62,540</b>	<b>\$65,503</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	512	5,789,199	17.77	355.33	\$0	\$17,408	\$30,720	\$48,128	4.2
<b>Subtotal</b>	<b>512</b>	<b>5,789,199</b>	<b>18</b>	<b>355</b>	<b>\$0</b>	<b>\$17,408</b>	<b>\$30,720</b>	<b>\$48,128</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	51	458,668	1.41	21.11	\$0	\$0	\$12,750	\$12,750	5.0
Water Brooms (Rebate)	7	349,899	1.07	5.37	\$0	\$0	\$700	\$700	1.5
Water Brooms (Distribution)	82	4,098,815	12.58	62.89	\$0	\$8,200	\$8,200	\$16,400	3.1
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>140</b>	<b>4,907,381</b>	<b>15</b>	<b>89</b>	<b>\$0</b>	<b>\$8,200</b>	<b>\$21,650</b>	<b>\$29,850</b>	
<b>TOTAL</b>	<b>1,534</b>	<b>20,632,777</b>	<b>63</b>	<b>986</b>	<b>\$0</b>	<b>\$28,571</b>	<b>\$114,910</b>	<b>\$143,481</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	537	6,071,875	18.63	372.68	\$0	\$1,074	\$32,220	\$33,294	4.7
IEUA Regional Event (ULFT)	174	1,967,423	6.04	120.76	\$0	\$1,914	\$10,440	\$12,354	5.3
IEUA Rebate Program (ULFT)	18	203,527	0.62	12.49	\$0	\$18	\$1,080	\$1,098	4.3
High Efficiency Clothes Washers	189	1,699,769	5.22	78.25	\$0	\$189	\$20,790	\$20,979	5.7
Pool Cover Rebates	29	1,246,986	3.83	19.15	\$0	\$1,537	\$0	\$1,537	2.4
<b>Subtotal</b>	<b>947</b>	<b>11,189,580</b>	<b>34</b>	<b>603</b>	<b>\$0</b>	<b>\$4,732</b>	<b>\$64,530</b>	<b>\$69,262</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	339	3,833,083	11.76	235.27	\$0	\$11,526	\$20,340	\$31,866	4.2
<b>Subtotal</b>	<b>339</b>	<b>3,833,083</b>	<b>12</b>	<b>235</b>	<b>\$0</b>	<b>\$11,526</b>	<b>\$20,340</b>	<b>\$31,866</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	5.1
Water Brooms	10	499,855	1.53	7.67	\$0	\$1,000	\$1,000	\$2,000	3.1
Pre-Rinse Spray Nozzles	141	183,780	0.56	2.82	\$0	\$0	\$7,050	\$7,050	1.5
X-Ray Film Processor (MWD CII)	2	2,085,446	6.40	32.00	\$0	\$0	\$4,000	\$4,000	1.6
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>171</b>	<b>2,930,965</b>	<b>9</b>	<b>50</b>	<b>\$0</b>	<b>\$1,000</b>	<b>\$16,550</b>	<b>\$17,550</b>	
<b>TOTAL</b>	<b>1,457</b>	<b>17,953,627</b>	<b>55</b>	<b>944</b>	<b>\$0</b>	<b>\$17,258</b>	<b>\$101,420</b>	<b>\$118,678</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary**  
**City of Ontario**  
**FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	12	20	4,826	186
<i>Shows That Teach</i>	3	5	1,432	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	2	56	611

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	9	17	\$5,850.00
<i>Landscape Design Services</i>	0	0	\$0

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$4,441.80
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$0
	2017-2018	\$2,000
	2016-2017	\$0
	2015-2016	\$0
	2014-2015	\$0
	2013-2014	\$0
	2012-2013	\$0
	2011-2012	\$0
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$0
	2007-2008	\$0
	<b>TOTAL</b>	<b>\$2,000</b>

City of Ontario  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2018-19				
National Theater for Children	12	4,826	186	\$ 12,480.00
Garden In Every School	2	56	611	\$ 8,269.44
Shows That Teach	3	1,432	N/A	\$ 2,140.00
<b>TOTAL</b>	<b>17</b>	<b>6,314</b>	<b>797</b>	<b>\$ 22,889.44</b>
FY 2017-18				
National Theater for Children	14	6,544	287	\$ 14,560.00
Garden In Every School	1	410	18	\$ 1,000.00
Shows That Teach	3	1,745	N/A	\$ 2,335.00
<b>TOTAL</b>	<b>18</b>	<b>8,699</b>	<b>305</b>	<b>\$ 17,895.00</b>
FY 2016-17				
National Theater for Children	9	3,423	139	\$ 9,360.00
Garden In Every School	1	392	3	\$ 4,500.00
Shows That Teach	7	3,870	157	\$ 3,400.00
<b>TOTAL</b>	<b>17</b>	<b>7,685</b>	<b>299</b>	<b>\$ 17,260.00</b>
FY 2015-16				
National Theater for Children	9	4,590	212	\$ 11,000.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	4	2,319	101	\$ 3,900.00
<b>TOTAL</b>	<b>13</b>	<b>6,909</b>	<b>313</b>	<b>\$ 14,900.00</b>
FY 2014-15				
National Theater for Children	9	4,399	196	\$ 9,135.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	4	1,302	50	\$ 2,900.00
<b>TOTAL</b>	<b>13</b>	<b>5,701</b>	<b>246</b>	<b>\$ 12,035.00</b>
FY 2013-14				
National Theater for Children	4	1,379	52	\$ 4,060.00
Garden In Every School	3	150	5	\$ 2,393.26
<b>TOTAL</b>	<b>7</b>	<b>1,529</b>	<b>57</b>	<b>\$ 6,453.26</b>
FY 2012-13				
<b>National Theater for Children</b>	<b>14</b>	<b>7,180</b>	<b>332</b>	<b>\$ 13,244.00</b>
Garden In Every School	3	2,497	112	\$ 4,500.00
<b>TOTAL</b>	<b>18</b>	<b>9,677</b>	<b>444</b>	<b>\$ 17,744.00</b>
FY 2011-12				
National Theater for Children	11	4919	217	\$ 10,809.59
<b>Garden In Every School</b>	<b>1</b>	<b>50</b>	<b>4</b>	<b>\$ 7,500.00</b>
<b>TOTAL</b>	<b>12</b>	<b>4969</b>	<b>221</b>	<b>\$ 18,309.59</b>
FY 2010-11				
National Theater for Children	11	5000	222	\$ 10,809.59
Garden In Every School	0	0	0	
<b>TOTAL</b>	<b>11</b>	<b>5,000</b>	<b>222</b>	<b>\$ 10,809.59</b>

City of Ontario (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	8	3520	131	\$ 7,792.00
Garden In Every School	1	849	37	\$ 2,750.00
<b>TOTAL</b>	<b>9</b>	<b>4369</b>	<b>168</b>	<b>\$ 10,542.00</b>
<b>FY 2008-09</b>				
National Theater for Children	7	2910	116	\$ 6,496.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>2910</b>	<b>116</b>	<b>\$ 6,496.00</b>
<b>FY 2007-08</b>				
National Theater for Children	6	3207	103	\$ 6,162.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>6</b>	<b>3207</b>	<b>103</b>	<b>\$ 6,162.00</b>
<b>FY 2006-07</b>				
National Theater for Children	7	3960	26	\$ 15,840.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	180	6	
<b>TOTAL</b>	<b>8</b>	<b>4140</b>	<b>32</b>	<b>\$ 15,840.00</b>
<b>FY 2005-06</b>				
National Theater for Children	9	4510	196	\$ 18,040.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	195	4	
<b>TOTAL</b>	<b>10</b>	<b>4705</b>	<b>200</b>	<b>\$ 18,040.00</b>
<b>FY 2004-05</b>				
National Theater for Children	10	4089	178	\$ 16,356.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	10	2	
<b>TOTAL</b>	<b>11</b>	<b>4099</b>	<b>180</b>	<b>\$ 16,356.00</b>
<b>FY 2003-04</b>				
Think Earth! It's Magic	1	796	39	\$ 3,184.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>1</b>	<b>796</b>	<b>39</b>	<b>\$ 3,184.00</b>
<b>FY 2002-03</b>				
Think Earth! It's Magic	1	799	31	\$ 3,196.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>1</b>	<b>799</b>	<b>31</b>	<b>\$ 3,196.00</b>
<b>2002-2019 Totals</b>	<b>179</b>	<b>81508</b>	<b>3773</b>	<b>\$ 218,111.88</b>

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Ontario	Gerstein	1		Ontario	N/A	0.12	365	198	0.38	Adjust irrigation schedule.
City of Ontario	Hus	1		Ontario	N/A	0.11	46	184	0.00	When the landscape transformation is complete refer the irrigation suggestions provided in the report.
City of Ontario	Bernstein	1		Ontario	N/A	0.03	110	57	0.12	Repair the irrigation valve that is leaking in the sideyard. Adjust the irrigaiton schedule to the one provided in the report.
City of Ontario	Ordaz	1		Ontario	N/A	0.05	37	74	0.00	When the landscape transformation is complete refer the irrigation suggestions provided in the report.
City of Ontario	Jacobs	1		Ontario	N/A	0.06	120	104	0.04	Make nessecary irrigation repairs.
City of Ontario	Braga	1		Ontario	72%	0.11	278	210	0.16	Adjust irrigation schedule to one provided. Make the recommended repairs provided.
City of Ontario	Coronado	1		Ontario	N/A	0.03	13	53	0.00	To make plant material thrive adjust irrigation schedule.
City of Ontario	Bernal	1		Ontario	62%	0.04	117	45	0.17	Make appropriate irrigation repairs highlighted in the report.
City of Ontario	Curiel	1		Ontario	N/A	0.07	136	120	0.04	Make appropriate irrigation repairs highlighted in the report.
City of Ontario	Ontario Gateway Business Park		2	Ontario	59%	3.31	5702	5060	1.48	Make irrigation repairs and adjust the irrigation schedule to the schedule provided in report.
City of Ontario	Ruiz Mexican Food, Inc		1	Ontario	N/A	0.53	N/A	893	0.00	Make the irrigation repairs shown in the report.
City of Ontario	Creekside Villiage East HOA		14	Ontario	71%	15.30	N/A	24212	0.00	Use the irrigation schedule provided in the report as a guideline.

# **SAN ANTONIO WATER COMPANY**

## **Annual Water Use Efficiency Programs Report**

### **FY 2018-2019**





# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	2	16,034	0.0	1	\$0	\$120	\$80	\$200	5.1
High Efficiency Clothes Washers (HECW)	4	44,974	0.1	2	\$0	\$300	\$340	\$640	5.8
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	11	148,415	0.5	5	\$0	\$880	\$880	\$1,760	4.8
Turf Removal (0 Sq. Ft.)	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (0 Small Sites/ 0 Large Sites)	0	N/A	N/A	N/A	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>17</b>	<b>209,423</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$1,300</b>	<b>\$1,300</b>	<b>\$2,600</b>	<b>5.4</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$3,608</b>	<b>\$0</b>	<b>\$3,608</b>	
<b>TOTAL</b>	<b>17</b>	<b>209,423</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$4,908</b>	<b>\$1,300</b>	<b>\$6,208</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	4	44,974	0.14	2	\$0	\$260	\$340	\$600	5.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	26,985	0	1	\$0	\$140	\$160	\$300	4.7
Turf Removal (0 Sq. Ft.)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (4 WBIC/ 135 Nozzles)	1	247,554	0.76	6	\$479	\$19	\$460	\$958	1.6
Residential Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>7</b>	<b>319,512</b>	<b>1</b>	<b>8</b>	<b>\$479</b>	<b>\$419</b>	<b>\$960</b>	<b>\$1,858</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>7</b>	<b>319,512</b>	<b>1</b>	<b>8</b>	<b>\$479</b>	<b>\$419</b>	<b>\$960</b>	<b>\$1,858</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	2	16,034	0.05	1	\$0	\$220	\$80	\$300	8.2
High Efficiency Clothes Washers (HECW)	5	56,218	0.17	2	\$0	\$130	\$425	\$555	4.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	1	13,492	0	0	\$0	\$0	\$80	\$80	2.6
Turf Removal (4,100 Sq. Ft.)	2	173,705	0.53	5	\$0	\$0	\$8,200	\$8,200	20.7
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (2 WBIC/0 Nozzles)	1	26,985	0.08	1	\$510	\$0	\$510	\$1,021	16.6
Residential Education, Survey, and Controller Upgrade Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	3	46,930	0.14	1	\$0	\$384	\$281	\$665	6.2
<b>Subtotal</b>	<b>14</b>	<b>333,363</b>	<b>1</b>	<b>11</b>	<b>\$510</b>	<b>\$734</b>	<b>\$9,576</b>	<b>\$10,821</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>14</b>	<b>333,363</b>	<b>1</b>	<b>11</b>	<b>\$510</b>	<b>\$734</b>	<b>\$9,576</b>	<b>\$10,821</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	17	235,463	1	14	\$0	\$444	\$1,580	\$2,024	3.9
High Efficiency Clothes Washers (HECW)	2	22,487	0.07	1	\$0	\$130	\$170	\$300	6.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (24,311 Sq. Ft.)	10	1,029,984	3	32	\$5,000	\$0	\$48,302	\$53,302	23.4
Rain Barrels	4	2,477	0.01	0.08	\$0	\$0	\$300	\$300	54.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (9 WBIC/0 Nozzles)	5	953,258	3	29	\$2,896	\$0	\$2,896	\$5,792	2.7
Landscape Transformation Program (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>38</b>	<b>2,243,668</b>	<b>7</b>	<b>76</b>	<b>\$7,896</b>	<b>\$574</b>	<b>\$53,248</b>	<b>\$61,718</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	6	53,969	0	3	\$0	\$300	\$300	\$600	4.8
High Efficiency Clothes Washers (HECW)	7	62,964	0.19	3	\$0	\$455	\$560	\$1,015	7.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	3	317,753	1	10	\$0	\$210	\$240	\$450	0.6
Turf Removal (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	8	847,340	2.60	26.00	\$0	\$0	\$600	\$600	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (20 WBIC/0 Nozzles)	9	2,118,350	7	65	\$10,561	\$0	\$10,561	\$21,122	4.3
Landscape Transformation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>33</b>	<b>3,400,375</b>	<b>10</b>	<b>107</b>	<b>\$10,561</b>	<b>\$965</b>	<b>\$12,261</b>	<b>\$23,787</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>33</b>	<b>3,400,375</b>	<b>10</b>	<b>107</b>	<b>\$10,561</b>	<b>\$965</b>	<b>\$12,261</b>	<b>\$23,787</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	1	8,993	0	1	\$0	\$50	\$50	\$100	4.8
High Efficiency Clothes Washers (HECW)	13	116,915	0.36	5	\$0	\$845	\$1,040	\$1,885	7.0
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0.01	0.04	\$0	\$4	\$8	\$12	2.0
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3	\$0	\$70	\$80	\$150	0.6
Rain Barrels	5	529,508	1.63	16.25	\$0	\$0	\$375	\$375	
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (6 WBIC/74 Nozzles)	4	651,702	2	22	\$1,843	\$0	\$1,843	\$3,686	2.5
Landscape Transformation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>26</b>	<b>1,415,627</b>	<b>4</b>	<b>47</b>	<b>\$1,843</b>	<b>\$969</b>	<b>\$3,396</b>	<b>\$6,208</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>26</b>	<b>1,415,627</b>	<b>4</b>	<b>47</b>	<b>\$1,843</b>	<b>\$969</b>	<b>\$3,396</b>	<b>\$6,208</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	6	53,961	0.17	2	\$0	\$390	\$480	\$870	7.2
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0.01	0.04	\$0	\$4	\$8	\$12	2.1
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3	\$0	\$70	\$80	\$150	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	4	651,702	2	22	\$1,598	\$260	\$1,858	\$3,716	2.6
Landscape Transformation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>13</b>	<b>814,171</b>	<b>2</b>	<b>28</b>	<b>\$1,598</b>	<b>\$724</b>	<b>\$2,426</b>	<b>\$4,748</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	18	249,276	1	15	\$1,320	\$642	\$900	\$2,862	5.1
<b>Subtotal</b>	<b>18</b>	<b>249,276</b>	<b>1</b>	<b>15</b>	<b>\$1,320</b>	<b>\$642</b>	<b>\$900</b>	<b>\$2,862</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>31</b>	<b>1,063,447</b>	<b>3</b>	<b>43</b>	<b>\$2,918</b>	<b>\$1,366</b>	<b>\$3,326</b>	<b>\$7,610</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	8	71,948	0.22	3.31	\$0	\$400	\$880	\$1,280	8.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.6
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	6	1,955,106	6.00	55.00	\$0	\$3,737	\$3,529	\$7,266	2.4
<b>Subtotal</b>	<b>15</b>	<b>2,132,955</b>	<b>7</b>	<b>62</b>	<b>\$0</b>	<b>\$4,182</b>	<b>\$4,489</b>	<b>\$8,671</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	12	166,184	0.51	10.20	\$880	\$428	\$600	\$1,908	5.5
<b>Subtotal</b>	<b>12</b>	<b>166,184</b>	<b>1</b>	<b>10</b>	<b>\$880</b>	<b>\$428</b>	<b>\$600</b>	<b>\$1,908</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>27</b>	<b>2,299,139</b>	<b>8</b>	<b>72</b>	<b>\$880</b>	<b>\$4,610</b>	<b>\$5,089</b>	<b>\$10,579</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	9	80,941	0.25	3.73	\$0	\$450	\$990	\$1,440	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (5,235 Sq. Ft.)	8	238,816	0.73	7.33	\$0	\$2,356	\$1,571	\$3,926	10.7
<b>Subtotal</b>	<b>17</b>	<b>319,758</b>	<b>1</b>	<b>11</b>	<b>\$0</b>	<b>\$2,806</b>	<b>\$2,561</b>	<b>\$5,366</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>17</b>	<b>319,758</b>	<b>1</b>	<b>11</b>	<b>\$0</b>	<b>\$2,806</b>	<b>\$2,561</b>	<b>\$5,366</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Synthetic Turf (5,235 Sq. Ft.)	2	238,816	0.73	7.33	\$0	\$2,356	\$1,571	\$3,926	10.7
<b>Subtotal</b>	<b>2</b>	<b>238,816</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$2,356</b>	<b>\$1,571</b>	<b>\$3,926</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>2</b>	<b>238,816</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$2,356</b>	<b>\$1,571</b>	<b>\$3,926</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$0	\$330	\$330	7.8
High Efficiency Clothes Washers (HECW)	9	80,941	0.25	3.73	\$0	\$0	\$990	\$990	8.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (3,750 Sq. Ft.)	3	171,072	0.53	5.25	\$0	\$6,000	\$0	\$6,000	22.9
Synthetic Turf (840 Sq. Ft.)	1	38,320	0.12	1.18	\$0	\$252	\$252	\$504	8.6
<b>Subtotal</b>	<b>15</b>	<b>318,031</b>	<b>1</b>	<b>12</b>	<b>\$0</b>	<b>\$6,252</b>	<b>\$1,572</b>	<b>\$7,824</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>15</b>	<b>318,031</b>	<b>1</b>	<b>12</b>	<b>\$0</b>	<b>\$6,252</b>	<b>\$1,572</b>	<b>\$7,824</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	4	49,399	0.15	3.03	\$0	\$0	\$240	\$240	3.7
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$0	\$165	\$165	9.1
High Efficiency Clothes Washers (HECW)	24	215,844	0.66	9.94	\$0	\$0	\$2,640	\$2,640	9.3
Rotating Nozzles for Pop-up Spray Heads	19	24,765	0.08	0.38	\$0	\$0	\$76	\$76	2.3
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$480	\$240	\$720	1.7
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (3,559 Sq. Ft.)	2	162,359	0.50	4.98	\$0	\$1,068	\$1,068	\$2,135	10.0
<b>Subtotal</b>	<b>53</b>	<b>783,919</b>	<b>2</b>	<b>29</b>	<b>\$0</b>	<b>\$1,548</b>	<b>\$4,429</b>	<b>\$5,976</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (1,200 Sq. Ft.)	1	54,743	0.17	1.68	\$0	\$360	\$360	\$720	10.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1</b>	<b>54,743</b>	<b>0</b>	<b>2</b>	<b>\$0</b>	<b>\$360.00</b>	<b>\$360.00</b>	<b>\$720.00</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>54</b>	<b>838,662</b>	<b>3</b>	<b>31</b>	<b>\$0</b>	<b>\$1,908</b>	<b>\$4,789</b>	<b>\$6,696</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

					Funding Sources (dollars)				
Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Outside Funding	IEUA	MWD	Total	Payback Period (years) <sup>(1)</sup>
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	1	11,307	0.03	0.69	\$0	\$0	\$60	\$60	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	16	441,072	1.35	20.30	\$0	\$0	\$1,760	\$1,760	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Distribution	12	2,541,638	7.80	78.00	\$0	\$0	\$2,880	\$2,880	0.9
<b>Subtotal</b>	<b>29</b>	<b>2,982,710</b>	<b>9</b>	<b>99</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,640</b>	<b>\$4,640</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>29</b>	<b>2,982,710</b>	<b>9</b>	<b>99</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,640</b>	<b>\$4,640</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	11	124,377	0.38	7.63	\$0	\$11	\$660	\$671	4.1
High Efficiency Clothes Washers	14	125,909	0.39	5.80	\$0	\$14	\$1,540	\$1,554	9.4
<b>Subtotal</b>	<b>25</b>	<b>250,286</b>	<b>1</b>	<b>13</b>	<b>\$0</b>	<b>\$25</b>	<b>\$2,200</b>	<b>\$2,225</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	4	45,228	0.14	2.78	\$0	\$420	\$240	\$660	11.1
<b>Subtotal</b>	<b>4</b>	<b>45,228</b>	<b>0.14</b>	<b>3</b>	<b>\$0</b>	<b>\$420</b>	<b>\$240</b>	<b>\$660</b>	<b>11.1</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>29</b>	<b>295,514</b>	<b>1</b>	<b>16</b>	<b>\$0</b>	<b>\$445</b>	<b>\$2,440</b>	<b>\$2,885</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	4.8
IEUA Rebate Program (ULFT)	6	67,842	0.21	4.16	\$0	\$6	\$360	\$366	4.1
High Efficiency Clothes Washers	26	233,831	0.72	10.76	\$0	\$26	\$2,860	\$2,886	9.4
Pool Cover Rebates	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>34</b>	<b>324,287</b>	<b>1</b>	<b>16</b>	<b>\$0</b>	<b>\$54</b>	<b>\$3,340</b>	<b>\$3,394</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.0</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>34</b>	<b>324,287</b>	<b>1</b>	<b>16</b>	<b>\$0</b>	<b>\$54</b>	<b>\$3,340</b>	<b>\$3,394</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	3.4
IEUA Rebate Program (ULFT)	25	282,676	0.87	17.35	\$0	\$25	\$1,500	\$1,525	4.5
High Efficiency Clothes Washers	25	224,837	0.69	10.35	\$0	\$25	\$2,750	\$2,775	6.0
Pool Cover Rebates	11	802,854	2.46	12.30	\$0	\$583	\$0	\$583	2.3
<b>Subtotal</b>	<b>63</b>	<b>1,332,981</b>	<b>4</b>	<b>41</b>	<b>\$0</b>	<b>\$655</b>	<b>\$4,370</b>	<b>\$5,025</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms (Rebates)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms (Distribution)	1	49,986	0.15	0.77	\$0	\$0	\$100	\$100	1.2
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1</b>	<b>49,986</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$100</b>	
<b>TOTAL</b>	<b>64</b>	<b>1,382,967</b>	<b>4</b>	<b>42</b>	<b>\$0</b>	<b>\$655</b>	<b>\$4,470</b>	<b>\$5,125</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	4	45,228	0.14	2.78	\$0	\$44	\$240	\$284	6.7
IEUA Rebate Program (ULFT)	18	203,527	0.62	12.49	\$0	\$18	\$1,080	\$1,098	4.3
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pool Cover Rebates	3	1,246,986	3.83	19.15	\$0	\$159	\$0	\$159	1.9
<b>Subtotal</b>	<b>25</b>	<b>1,495,741</b>	<b>5</b>	<b>34</b>	<b>\$0</b>	<b>\$221</b>	<b>\$1,320</b>	<b>\$1,541</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>25</b>	<b>1,495,741</b>	<b>5</b>	<b>34</b>	<b>\$0</b>	<b>\$221</b>	<b>\$1,320</b>	<b>\$1,541</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary**  
**San Antonio Water Company**  
**FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	0	0	0	0
<i>Shows That Teach</i>	0	0	0	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	0	0	0

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	1	0	\$225.00
<i>Landscape Design Services</i>	0	0	\$0

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$0.00
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$0.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$0
	2017-2018	\$0
	2016-2017	\$2,000
	2015-2016	\$2,000
	2014-2015	\$2,000
	2013-2014	\$2,000
	2012-2013	\$2,000
	2011-2012	\$2,000
	2010-2011	\$2,000
	2009-2010	\$0
	2008-2009	\$2,000
	2007-2008	\$2,000
	<b>TOTAL</b>	<b>\$18,000</b>



San Antonio Water Company  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2018-19</b>				
National Theater for Children	0	0	0	\$ -
Garden In Every School	N/A	N/A	N/A	N/A
Shows That Teach	N/A	N/A	N/A	N/A
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2017-18</b>				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2016-17</b>				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2015-16</b>				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2014-15</b>				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2013-14</b>				
National Theater for Children	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2012-13</b>				
<b>National Theater for Children</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2011-12</b>				
National Theater for Children	0	0	0	
<b>Garden In Every School</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2010-11</b>				
National Theater for Children	0	0	0	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>

San Antonio Water Company (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	0	0	0	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2008-09</b>				
National Theater for Children	0	0	0	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2007-08</b>				
National Theater for Children	0	0	0	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2006-07</b>				
National Theater for Children	0	0	0	
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2005-06</b>				
National Theater for Children	0	0	0	
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2004-05</b>				
National Theater for Children	0	0	0	
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2003-04</b>				
Think Earth! It's Magic	0	0	0	
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>FY 2002-03</b>				
Think Earth! It's Magic	0	0	0	
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>2002-2019 Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>

**FY 18/19**

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
San Antonio Water Company	Preciado	1		Upland	N/A	0.14	11	95	0.00	Make the nessecary irrigation repairs.

# CITY OF UPLAND

## Annual Water Use Efficiency Programs Report

### FY 2018-2019



# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	21	168,360	1	10	\$0	\$1,260	\$840	\$2,100	5.1
High Efficiency Clothes Washers (HECW)	43	483,473	1	21	\$0	\$3,225	\$3,655	\$6,880	5.8
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	64	863,505	3	26	\$0	\$5,120	\$5,120	\$10,240	4.8
Turf Removal (13,379 Sq. Ft.)	8	575,297	2	18	\$0	\$10,551	\$25,318	\$35,869	25.4
Rain Barrels	7	4,334	0	0	\$0	\$0	\$245	\$245	23.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (8 Small Sites/ 16 Large Sites)	24	N/A	N/A	N/A	\$12,990	\$0	\$0	\$12,990	0.0
Residential Landscape Retrofit Program (36 WBIC/ 438 Nozzles)	24	4,857,214	15	25	\$10,849	\$0	\$11,292	\$22,140	1.9
Res. Education, Survey, and Controller Upgrade Program (63 WBIC)	55	850,012	3	26	\$0	\$23,007	\$14,101	\$37,109	17.8
Residential Pressure Regulation Program	57	2,192,003	7	67	\$0	\$15,117	\$14,524	\$29,642	5.5
<b>Subtotal</b>	<b>303</b>	<b>9,994,198</b>	<b>8</b>	<b>193</b>	<b>\$23,839</b>	<b>\$58,281</b>	<b>\$75,095</b>	<b>\$157,215</b>	<b>25.4</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	146	1,170,502	4	72	\$0	\$8,760	\$5,840	\$14,600	5.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	8,408	0.03	0	\$0	\$30	\$70	\$100	4.9
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (14,038 Sq. Ft.)	2	603,634	2	19	\$0	\$12,512	\$28,076	\$40,588	27.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>150</b>	<b>1,782,545</b>	<b>5</b>	<b>91</b>	<b>\$0</b>	<b>\$24,910</b>	<b>\$33,986</b>	<b>\$58,896</b>	
<b>TOTAL</b>	<b>453</b>	<b>11,776,743</b>	<b>14</b>	<b>284</b>	<b>\$23,839</b>	<b>\$83,190</b>	<b>\$109,081</b>	<b>\$216,110</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	8	64,137	0	4	\$0	\$480	\$320	\$800	5.3
High Efficiency Clothes Washers (HECW)	43	483,473	1	21	\$0	\$2,795	\$3,655	\$6,450	5.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 30 Nozzles)	30	43,012	0	1	\$0	\$90	\$60	\$150	1.5
Weather based Irrigation Controllers (WBIC)	34	458,737	1	14	\$0	\$2,380	\$2,720	\$5,100	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	23.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$262.50 Total Cost)	50	71,698	0	1	\$0	\$163	\$100	\$263	1.5
Residential Landscape Retrofit Program (5 WBIC/ 147 Nozzles)	6	278,253	1	6	\$2,874	\$115	\$2,759	\$5,748	8.7
Residential Education, Survey, and Controller Upgrade Program (1 WBI)	1	13,492	0	0	\$0	\$592	\$113	\$705	22.1
Residential Pressure Regulation Program	13	499,931	2	15	\$0	\$3,176	\$2,817	\$5,993	5.1
<b>Subtotal</b>	<b>187</b>	<b>1,913,972</b>	<b>6</b>	<b>63</b>	<b>\$2,874</b>	<b>\$9,791</b>	<b>\$12,614</b>	<b>\$25,279</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	284	2,276,868	7	140	\$0	\$17,040	\$11,360	\$28,400	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	21	88,286	0.27	3	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (8 Apps/ 7,570 Nozzles)	7,570	10,855,077	33	167	\$0	\$15,140	\$15,140	\$30,280	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$5737.60 Total Cost)	1,587	2,068,813	6	32	\$0	\$2,564	\$3,174	\$5,738	1.2
<b>Subtotal</b>	<b>9,462</b>	<b>15,289,044</b>	<b>47</b>	<b>341</b>	<b>\$0</b>	<b>\$34,744</b>	<b>\$29,674</b>	<b>\$64,418</b>	
<b>TOTAL</b>	<b>9,649</b>	<b>17,203,016</b>	<b>53</b>	<b>403</b>	<b>\$2,874</b>	<b>\$44,535</b>	<b>\$42,288</b>	<b>\$89,696</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	24	192,411	1	12	\$0	\$1,416	\$960	\$2,376	5.4
High Efficiency Clothes Washers (HECW)	52	584,665	2	25	\$0	\$845	\$4,420	\$5,265	3.9
Rotating Nozzles for Pop-up Spray Heads	65	93,193	0	1	\$0	\$0	\$130	\$130	0.6
Weather based Irrigation Controllers (WBIC)	32	431,752	1	13	\$0	\$712	\$2,560	\$3,272	3.3
Turf Removal (36,347 Sq. Ft.)	26	1,539,913	5	47	\$0	\$0	\$72,484	\$72,484	20.6
Rain Barrels	6	3,715	0.01	0	\$0	\$0	\$450	\$450	53.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	174	249,509	1	4	\$0	\$278	\$348	\$626	1.1
Residential Landscape Retrofit Program (4 WBIC/175 Nozzles)	4	304,912	0.94	6	\$1,740	\$0	\$1,740	\$3,481	5.0
Residential Education, Survey, and Controller Upgrade Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>383</b>	<b>3,400,071</b>	<b>10</b>	<b>108</b>	<b>\$1,740</b>	<b>\$3,252</b>	<b>\$83,092</b>	<b>\$88,085</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	10	42,041	0.1	1	\$0	\$2,460	\$5,740	\$8,200	85.4
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>10</b>	<b>42,041</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$2,460</b>	<b>\$5,740</b>	<b>\$8,200</b>	
<b>TOTAL</b>	<b>393</b>	<b>3,442,112</b>	<b>11</b>	<b>110</b>	<b>\$1,740</b>	<b>\$5,712</b>	<b>\$88,832</b>	<b>\$96,285</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	197	2,728,598	8	167	\$0	\$4,157	\$19,128	\$23,285	3.9
High Efficiency Clothes Washers (HECW)	71	798,292	2	37	\$0	\$1,820	\$5,950	\$7,770	4.4
Rotating Nozzles for Pop-up Spray Heads	86	123,321	0	2	\$0	\$0	\$344	\$344	1.3
Weather based Irrigation Controllers (WBIC)	21	2,224,268	7	68	\$0	\$720	\$1,521	\$2,241	0.5
Turf Removal (246,352 Sq. Ft.)	108	10,437,195	32	320	\$0	\$0	\$464,746	\$464,746	20.1
Rain Barrels	97	60,063	0.18	1	\$0	\$0	\$7,127	\$7,127	53.6
Soil Moisture Sensor Systems	1	13,492	0.04	0.41	\$0	\$0	\$80	\$80	2.7
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	300	430,188	1	7	\$0	\$480	\$600	\$1,080	1.1
Residential Landscape Retrofit Program (79 WBIC/974 Nozzles)	52	9,764,160	30	278	\$24,225	\$0	\$24,225	\$48,451	2.2
Landscape Transformation Program (6,650 Sq. Ft.)	7	281,741	1	9	\$1,995	\$19,915	\$0	\$21,910	35.2
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>940</b>	<b>26,861,317</b>	<b>82</b>	<b>889</b>	<b>\$26,220</b>	<b>\$27,092</b>	<b>\$523,721</b>	<b>\$577,033</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	545	7,548,659	23	463	\$0	\$24,035	\$73,539	\$97,574	5.8
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,835	1	7	\$0	\$0	\$1,610	\$1,610	3.4
Rotating Nozzles for Pop-up Spray Heads	1,881	2,697,279	8	41	\$0	\$0	\$15,984	\$15,984	2.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	210	1,574,097	5	24	\$0	\$2,100	\$2,100	\$4,200	1.2
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (149,971 Sq. Ft.)	12	6,353,821	19	195	\$0	\$86,576	\$177,079	\$263,655	18.8
Soil Moisture Sensor Systems	1	0	0	0	\$0	\$0	\$980	\$980	105.4
Plumbing Flow Control	706	966,359	3	30	\$0	\$3,530	\$3,530	\$7,060	3.3
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	100	130,360	0	2	\$0	\$160	\$200	\$360	1.2
<b>Subtotal</b>	<b>3,457</b>	<b>19,482,410</b>	<b>60</b>	<b>762</b>	<b>\$0</b>	<b>\$116,401</b>	<b>\$275,022</b>	<b>\$391,423</b>	
<b>TOTAL</b>	<b>4,397</b>	<b>46,343,726</b>	<b>142</b>	<b>1,651</b>	<b>\$26,220</b>	<b>\$143,493</b>	<b>\$798,743</b>	<b>\$968,456</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	78	1,080,359	3	66	\$0	\$3,900	\$3,900	\$7,800	3.1
High Efficiency Clothes Washers (HECW)	120	1,079,381	3	50	\$0	\$7,800	\$10,200	\$18,000	7.2
Rotating Nozzles for Pop-up Spray Heads	344	448,438	1	7	\$0	\$344	\$1,376	\$1,720	1.7
Weather based Irrigation Controllers (WBIC)	10	1,059,175	3	33	\$0	\$700	\$800	\$1,500	0.6
Turf Removal (11,453 Sq. Ft.)	9	482,332	1	15	\$0	\$0	\$22,076	\$22,076	19.8
Rain Barrels	16	1,694,680	5	52	\$0	\$0	\$1,200	\$1,200	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	860	1,121,096	3	17	\$0	\$0	\$38,700	\$38,700	15.0
Residential Landscape Retrofit Program (0 WBIC/0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Landscape Transformation Program (16,550 Sq. Ft.)	19	349,039	1	11	\$0	\$22,524	\$33,100	\$55,624	69.1
<b>Subtotal</b>	<b>1,456</b>	<b>7,314,500</b>	<b>22</b>	<b>250</b>	<b>\$0</b>	<b>\$35,268</b>	<b>\$111,352</b>	<b>\$146,620</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	25	346,269	1	21	\$0	\$100	\$200	\$300	0.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,670	1	13	\$0	\$4,921	\$23,418	\$28,339	29.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (127,969 Sq. Ft.)	12	5,421,663	17	166	\$0	\$127,969	\$255,938	\$383,907	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	400	521,440	2	8	\$0	\$0	\$1,300	\$1,300	1.1
<b>Subtotal</b>	<b>441</b>	<b>6,713,041</b>	<b>21</b>	<b>209</b>	<b>\$0</b>	<b>\$132,990</b>	<b>\$280,856</b>	<b>\$413,847</b>	
<b>TOTAL</b>	<b>1,897</b>	<b>14,027,541</b>	<b>43</b>	<b>459</b>	<b>\$0</b>	<b>\$168,258</b>	<b>\$392,208</b>	<b>\$560,467</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	52	720,131	2	44	\$0	\$2,600	\$2,600	\$5,200	3.1
High Efficiency Clothes Washers (HECW)	125	1,124,186	3	52	\$0	\$8,125	\$10,625	\$18,750	7.2
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0	0	\$0	\$2	\$8	\$10	1.7
Weather based Irrigation Controllers (WBIC)	12	1,270,819	4	39	\$0	\$840	\$960	\$1,800	0.6
Rain Barrels	27	16,716	0.05	0.26	\$0	\$0	\$2,025	\$2,025	52.5
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,538	3,308,039	10	51	\$0	\$0	\$34,938	\$34,938	4.6
Residential Landscape Retrofit Program (39 WBIC/486 Nozzles)	24	4,887,765	15	138	\$12,043	\$0	\$12,043	\$24,086	2.1
Landscape Transformation Program (7,650 Sq. Ft.)	9	348,986	1.07	11	\$0	\$14,733	\$8,700	\$23,433	29.1
<b>Subtotal</b>	<b>2,789</b>	<b>11,679,249</b>	<b>36</b>	<b>335</b>	<b>\$12,043</b>	<b>\$26,300</b>	<b>\$71,899</b>	<b>\$110,242</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	27,697	0.09	2	\$0	\$100	\$200	\$300	4.7
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	51	5,400,980	17	166	\$0	\$4,921	\$23,418	\$28,339	2.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	315	2,360,790	7	72	\$0	\$3,150	\$3,150	\$6,300	1.2
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	3,917	5,105,433	16	78	\$0	\$0	\$12,730	\$12,730	1.1
<b>Subtotal</b>	<b>4,285</b>	<b>12,894,902</b>	<b>40</b>	<b>318</b>	<b>\$0</b>	<b>\$8,171</b>	<b>\$39,498</b>	<b>\$47,670</b>	
<b>TOTAL</b>	<b>7,074</b>	<b>24,574,151</b>	<b>75</b>	<b>653</b>	<b>\$12,043</b>	<b>\$34,471</b>	<b>\$111,397</b>	<b>\$157,912</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	109	980,290	3	45	\$0	\$7,085	\$9,265	\$16,350	7.5
Rotating Nozzles for Pop-up Spray Heads	1	1,303	0.004	0.02	\$0	\$1	\$4	\$5	1.7
Weather based Irrigation Controllers (WBIC)	5	529,508	2	16	\$0	\$350	\$400	\$750	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,525	3,291,095	10	51	\$0	\$0	\$34,938	\$34,938	4.8
Residential Landscape Retrofit Program	23	5,865,318	18	140	\$11,631	\$1,894	\$13,524	\$27,049	2.1
Landscape Transformation Program (2,954 Sq. Ft.)	3	134,759	0.41	4	\$861	\$2,381	\$2,869	\$6,111	20.3
<b>Subtotal</b>	<b>2,666</b>	<b>10,802,273</b>	<b>33</b>	<b>256</b>	<b>\$12,492</b>	<b>\$11,711</b>	<b>\$61,000</b>	<b>\$85,203</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	256	3,545,259	11	218	\$18,775	\$9,129	\$12,800	\$40,704	5.1
IEUA Single-Family Direct Install Prog. (HET)	633	8,766,207	27	538	\$46,424	\$22,573	\$31,650	\$100,647	5.1
<b>Subtotal</b>	<b>889</b>	<b>12,311,465</b>	<b>38</b>	<b>756</b>	<b>\$65,199</b>	<b>\$31,702</b>	<b>\$44,450</b>	<b>\$141,351</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0	0	0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	27	2,859,343	9	88	0	\$1,474	\$4,140	\$5,614	0.9
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	200	1,498,915	5	23	0	\$2,000	\$2,000	\$4,000	1.2
Air-Cooled Ice Machine	0	0	0	0	0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0	0	0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	5,300	6,908,041	21	106	0	\$0	\$17,225	\$17,225	1.1
<b>Subtotal</b>	<b>5,527</b>	<b>11,266,298</b>	<b>35</b>	<b>217</b>	<b>\$0</b>	<b>\$3,474</b>	<b>\$23,365</b>	<b>\$26,840</b>	
<b>TOTAL</b>	<b>9,082</b>	<b>34,380,037</b>	<b>106</b>	<b>1,228</b>	<b>\$77,691</b>	<b>\$46,887</b>	<b>\$128,815</b>	<b>\$253,394</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	130	1,169,153	3.59	53.82	0	0	11,050	11,050	4.5
Rotating Nozzles for Pop-up Spray Heads	31	40,406	0.12	0.62	0	62	93	155	1.8
Weather Based Irrigation Controllers (WBIC)	11	1,164,917	3.58	35.75	0	495	880	1,375	0.6
FreeSprinklerNozzles.com Program	10,624	13,849,446	42.50	212.48	0	0	32,250	32,250	1.1
Residential Landscape Retrofit Program	5	1,303,600	4.00	35.00	0	3,262	3,053	6,315	2.3
<b>Subtotal</b>	<b>10,801</b>	<b>17,527,523</b>	<b>54</b>	<b>338</b>	<b>0</b>	<b>3,819</b>	<b>47,326</b>	<b>51,145</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	36	498,552	1.53	30.60	2,640	1,284	1,800	5,724	5.5
IEUA Single-Family Direct Install Prog. (HET)	794	10,995,842	33.75	674.90	58,232	28,314	39,700	126,246	5.5
<b>Subtotal</b>	<b>830</b>	<b>11,494,394</b>	<b>35</b>	<b>706</b>	<b>60,872</b>	<b>29,598</b>	<b>41,500</b>	<b>131,970</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
PH Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	0	117	600	717	3.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
FreeSprinklerNozzles.com Program	2,000	11,730,636	36.00	360.00	0	0	26,000	0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>2,001</b>	<b>11,836,538</b>	<b>36</b>	<b>363</b>	<b>0</b>	<b>117</b>	<b>26,600</b>	<b>717</b>	
<b>TOTAL</b>	<b>13,632</b>	<b>40,858,454</b>	<b>125</b>	<b>1,406</b>	<b>60,872</b>	<b>33,534</b>	<b>115,426</b>	<b>183,832</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	13	180,033	0.55	11.05	0	455	650	1,105	4.0
High Efficiency Clothes Washers (HECW)	229	2,059,509	6.32	94.81	0	0	19,465	19,465	6.2
Rotating Nozzles for Pop-up Spray Heads	247	321,941	0.99	4.94	0	494	741	1,235	2.5
Weather Based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	0	225	400	625	0.0
Synthetic Turf (694 Sq. Ft.)	1	31,664	0.10	0.97	0	312	208	521	10.7
FreeSprinklerNozzles.com Program	430	560,548	1.72	8.60	0	0	32,250	32,250	37.6
Residential Landscape Retrofit Program	17	4,562,600	14.00	117.00	0	11,287	8,831	20,118	2.9
<b>Subtotal</b>	<b>942</b>	<b>8,245,802</b>	<b>25</b>	<b>254</b>	<b>0</b>	<b>12,773</b>	<b>62,545</b>	<b>75,319</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	117	1,620,294	4.97	99.45	8,581	4,172	5,850	18,603	7.5
<b>Subtotal</b>	<b>117</b>	<b>1,620,294</b>	<b>5</b>	<b>99</b>	<b>8,581</b>	<b>4,172</b>	<b>5,850</b>	<b>18,603</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	30	415,460	1.28	25.50	0	1,050	1,500	2,550	4.0
Waterless Urinals	5	199,910	0.61	12.27	0	250	1,000	1,250	0.0
PH Conductivity Controller	1	209,848	0.64	3.22	0	500	1,750	2,250	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	0	480	1,200	1,680	10.4
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>37</b>	<b>931,119</b>	<b>3</b>	<b>44</b>	<b>0</b>	<b>2,280</b>	<b>5,450</b>	<b>7,730</b>	
<b>TOTAL</b>	<b>1,096</b>	<b>10,797,216</b>	<b>33</b>	<b>397</b>	<b>8,581</b>	<b>19,226</b>	<b>73,845</b>	<b>101,652</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	56	775,525	2.38	47.60	0	1,960	2,800	4,760	4.0
High Efficiency Clothes Washers (HECW)	63	566,590	1.74	26.08	0	3,150	6,930	10,080	11.6
Rotating Nozzles for Pop-up Spray Heads	35	45,619	0.14	0.70	0	70	140	210	3.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (8,348 Sq. Ft.)	4	380,829	1.17	11.69	0	3,757	2,504	6,261	10.7
<b>Subtotal</b>	<b>158</b>	<b>1,768,563</b>	<b>5</b>	<b>86</b>	<b>0</b>	<b>8,937</b>	<b>12,374</b>	<b>21,311</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	4	55,395	0.17	3.40	293	143	660	1,096	12.9
<b>Subtotal</b>	<b>4</b>	<b>55,395</b>	<b>0</b>	<b>3</b>	<b>293</b>	<b>143</b>	<b>660</b>	<b>1,096</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	198	2,742,036	8.42	168.30	0	26,730	32,670	59,400	14.2
Waterless Urinals	22	879,602	2.70	53.99	0	0	8,800	8,800	6.5
High Efficiency Clothes Washers	29	260,811	0.80	8.00	0	2,900	2,320	5,220	13.1
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	22	2,329,835	7.15	71.50	0	1,680	14,014	15,694	4.4
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	1,642	2,140,189	6.57	32.84	0	0	6,568	0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>1,913</b>	<b>8,352,474</b>	<b>26</b>	<b>335</b>	<b>0</b>	<b>31,310</b>	<b>64,372</b>	<b>89,114</b>	
<b>TOTAL</b>	<b>2,075</b>	<b>10,176,431</b>	<b>31</b>	<b>424</b>	<b>293</b>	<b>40,389</b>	<b>77,406</b>	<b>111,521</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	74	1,024,801	3.15	62.90	0	0	12,210	12,210	7.8
High Efficiency Clothes Washers (HECW)	155	1,393,991	4.28	64.17	0	0	17,050	17,050	8.0
Rotating Nozzles for Pop-up Spray Heads	20	26,068	0.08	0.40	0	0	80	80	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	0	0	80	80	0.5
Water Wise Landscape (Turf Buy Back) (28,677 Sq. Ft.)	21	1,308,220	4.01	40.15	0	35,878	0	35,878	17.9
Synthetic Turf (8,348 Sq. Ft.)	13	380,829	1.17	11.69	0	2,504	2,504	5,009	8.6
<b>Subtotal</b>	<b>284</b>	<b>4,239,810</b>	<b>13</b>	<b>183</b>	<b>0</b>	<b>38,382</b>	<b>31,924</b>	<b>70,307</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	339	4,694,698	14.41	288.15	24,862	12,089	55,935	92,886	12.9
<b>Subtotal</b>	<b>339</b>	<b>4,694,698</b>	<b>14</b>	<b>288</b>	<b>24,862</b>	<b>12,089</b>	<b>55,935</b>	<b>92,886</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	0	0	0	0	0.0
ULFT Tank	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	162	2,243,484	6.89	137.70	0	21,870	26,730	48,600	14.2
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	0	0	0	0	0.0
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>162</b>	<b>2,243,484</b>	<b>7</b>	<b>138</b>	<b>0</b>	<b>21,870</b>	<b>26,730</b>	<b>48,600</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	51	10,120,606	31.06	310.59	0	0	84,498	84,498	5.5
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>51</b>	<b>10,120,606</b>	<b>31</b>	<b>311</b>	<b>0</b>	<b>0</b>	<b>84,498</b>	<b>84,498</b>	
<b>TOTAL</b>	<b>836</b>	<b>21,298,599</b>	<b>65</b>	<b>919</b>	<b>24,862</b>	<b>72,341</b>	<b>199,087</b>	<b>296,291</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	27	333,443	1.02	20.47	0	0	1,620	1,620	3.7
High Efficiency Toilets (HET)	15	207,730	0.64	12.75	0	0	2,475	2,475	9.1
High Efficiency Clothes Washers (HECW)	236	2,122,463	6.51	97.70	0	0	25,960	25,960	9.3
Rotating Nozzles for Pop-up Spray Heads	143	186,387	0.57	2.86	0	0	572	572	2.3
Weather Based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	0	320	160	480	1.7
Water Wise Landscape (Turf Buy Back) (8,587 Sq. Ft.)	8	391,732	1.20	12.02	0	17,174	0	17,174	33.5
Synthetic Turf (9,919 Sq. Ft.)	11	452,496	1.39	13.89	0	2,976	2,976	5,951	10.0
<b>Subtotal</b>	<b>442</b>	<b>3,906,054</b>	<b>12</b>	<b>166</b>	<b>0</b>	<b>20,470</b>	<b>33,763</b>	<b>54,232</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	1,541	19,030,969	58.40	1,168.08	113,017	54,952	92,460	260,429	10.4
<b>Subtotal</b>	<b>1,541</b>	<b>19,030,969</b>	<b>58</b>	<b>1,168</b>	<b>113,017</b>	<b>54,952</b>	<b>92,460</b>	<b>260,429</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	0	0	0	0	0.0
ULFT Tank	1	12,350	0.04	0.76	0	0	135	135	8.3
High Efficiency Toilets (HET)	472	6,536,571	20.06	401.20	0	63,720	77,880	141,600	16.5
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	31	278,798	0.86	12.83	0	8,990	4,030	13,020	35.6
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>504</b>	<b>6,827,719</b>	<b>21</b>	<b>415</b>	<b>0</b>	<b>72,710</b>	<b>82,045</b>	<b>154,755</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL</b>	<b>2,487</b>	<b>29,764,742</b>	<b>91</b>	<b>1,749</b>	<b>113,017</b>	<b>148,132</b>	<b>208,268</b>	<b>469,416</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	56	633,194	1.94	38.86	0	0	3,360	3,360	4.0
High Efficiency Toilets (HET)	5	69,243	0.21	4.25	0	0	1,325	1,325	14.6
High Efficiency Clothes Washers (HECW)	238	6,560,945	20.13	302.02	0	0	26,180	26,180	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	2	423,606	1.30	13.00	0	320	160	480	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	109	23,086,543	70.85	708.50	0	0	26,160	26,160	0.9
<b>Subtotal</b>	<b>410</b>	<b>30,773,531</b>	<b>92</b>	<b>1,067</b>	<b>0</b>	<b>320</b>	<b>53,825</b>	<b>54,145</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	1,008	11,397,486	34.98	699.55	73,927	35,945	60,480	170,352	11.4
<b>Subtotal</b>	<b>1,008</b>	<b>11,397,486</b>	<b>35</b>	<b>700</b>	<b>73,927</b>	<b>35,945</b>	<b>60,480</b>	<b>170,352</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	0	0	0	0	0.0
ULFT Tank	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Zero Water Urinal	2	79,833	0.25	4.90	0	0	800	800	7.6
Conductivity Controller	1	209,848	0.64	3.22	0	0	625	625	2.3
High Efficiency Clothes Washers (HECW)	1	27,567	0.08	1.27	0	70	130	200	5.5
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>4</b>	<b>317,249</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>70</b>	<b>1,555</b>	<b>1,625</b>	
<b>TOTAL</b>	<b>1,422</b>	<b>42,488,266</b>	<b>128</b>	<b>1,776</b>	<b>\$73,927</b>	<b>\$36,335</b>	<b>\$115,860</b>	<b>\$226,122</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,248	14,111,173	43.31	866.11	0	8,112	74,880	82,992	4.5
IEUA Regional Event (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
IEUA Rebate Program (ULFT)	153	1,729,976	5.31	106.18	0	153	9,180	9,333	4.1
High Efficiency Clothes Washers	222	1,996,554	6.13	91.91	0	222	24,420	24,642	9.4
<b>Subtotal</b>	<b>1,623</b>	<b>17,837,703</b>	<b>55</b>	<b>1,064</b>	<b>0</b>	<b>8,487</b>	<b>108,480</b>	<b>116,967</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	930	10,515,538	32.27	645.42	0	97,650	55,800	153,450	11.1
<b>Subtotal</b>	<b>930</b>	<b>10,515,538</b>	<b>32</b>	<b>645</b>	<b>0</b>	<b>97,650</b>	<b>55,800</b>	<b>153,450</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	11	98,928	0.30	4.55	0	0	2,750	2,750	21.2
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>11</b>	<b>98,928</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2,750</b>	<b>2,750</b>	
<b>TOTAL</b>	<b>2,564</b>	<b>28,452,169</b>	<b>87</b>	<b>1,714</b>	<b>0</b>	<b>\$106,137</b>	<b>\$167,030</b>	<b>\$273,167</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
IEUA Regional Event (ULFT)	11	124,377	0.38	7.63	0	121	660	781	4.8
IEUA Rebate Program (ULFT)	126	1,424,686	4.37	87.44	0	126	7,560	7,686	4.1
High Efficiency Clothes Washers	287	2,581,131	7.92	118.82	0	287	31,570	31,857	9.4
Pool Cover Rebates	14	239,148	0.73	3.67	0	742	0	742	2.4
<b>Subtotal</b>	<b>438</b>	<b>4,369,342</b>	<b>13</b>	<b>218</b>	<b>0</b>	<b>1,276</b>	<b>39,790</b>	<b>41,066</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	981	11,092,196	34.04	680.81	0	103,005	58,860	161,865	11.1
<b>Subtotal</b>	<b>981</b>	<b>11,092,196</b>	<b>34</b>	<b>681</b>	<b>0</b>	<b>103,005</b>	<b>58,860</b>	<b>161,865</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	3	26,980	0.08	1.24	0	0	750	750	21.2
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
X-Ray Film Processor	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>3</b>	<b>26,980</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>750</b>	
<b>TOTAL</b>	<b>1,422</b>	<b>15,488,519</b>	<b>48</b>	<b>900</b>	<b>0</b>	<b>104,281</b>	<b>99,400</b>	<b>203,681</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	100	1,130,703	3.47	69.40	0	200	6,000	6,200	4.8
IEUA Regional Event (ULFT)	44	497,509	1.53	30.54	0	484	2,640	3,124	5.3
IEUA Rebate Program (ULFT)	227	2,566,696	7.88	157.54	0	227	13,620	13,847	4.6
High Efficiency Clothes Washers	244	2,194,411	6.73	101.02	0	244	26,840	27,084	5.7
Pool Cover Rebates	63	802,854	2.46	12.30	0	3,339	0	3,339	2
<b>Subtotal</b>	<b>678</b>	<b>7,192,173</b>	<b>22</b>	<b>371</b>	<b>0</b>	<b>4,494</b>	<b>49,100</b>	<b>53,594</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	116	1,311,615	4.03	80.50	0	3,944	6,960	10,904	4.2
<b>Subtotal</b>	<b>116</b>	<b>1,311,615</b>	<b>4</b>	<b>81</b>	<b>0</b>	<b>3,944</b>	<b>6,960</b>	<b>10,904</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	16	143,896	0.44	6.62	0	0	4,000	4,000	5
Water Brooms (Rebates)	17	849,754	2.61	13.04	0	1,700	1,700	3,400	3.1
Water Brooms (Distribution)	1	49,986	0.15	0.77	0	0	100	100	1.2
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0
<b>Subtotal</b>	<b>34</b>	<b>1,043,636</b>	<b>3</b>	<b>20</b>	<b>0</b>	<b>1,700</b>	<b>5,800</b>	<b>7,500</b>	
<b>TOTAL</b>	<b>828</b>	<b>9,547,424</b>	<b>29</b>	<b>472</b>	<b>0</b>	<b>\$10,138</b>	<b>\$61,860</b>	<b>\$71,998</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	100	1,130,703	3.47	69.40	0	200	6,000	6,200	4.8
IEUA Regional Event (ULFT)	39	440,974	1.35	27.07	0	429	2,340	2,769	5.5
IEUA Rebate Program (ULFT)	12	135,684	0.42	8.33	0	12	720	732	4.3
High Efficiency Clothes Washers	239	2,149,444	6.60	98.95	0	239	26,290	26,529	5.7
Pool Cover Rebates	20	1,246,986	3.83	19.15	0	1,060	0	1,060	2.1
<b>Subtotal</b>	<b>410</b>	<b>5,103,791</b>	<b>16</b>	<b>223</b>	<b>0</b>	<b>1,940</b>	<b>35,350</b>	<b>37,290</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	83	938,483	2.88	57.60	0	2,822	4,980	7,802	4.1
<b>Subtotal</b>	<b>83</b>	<b>938,483</b>	<b>3</b>	<b>58</b>	<b>0</b>	<b>2,822</b>	<b>4,980</b>	<b>7,802</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	0	0	4,500	4,500	5.0
Water Brooms	11	549,841	1.69	8.44	0	1,100	1,100	2,200	3.1
Pre-Rinse Spray Nozzles	65	84,721	0.26	1.30	0	0	3,250	3,250	0.5
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	0	0	0	0	0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>94</b>	<b>796,445</b>	<b>2</b>	<b>17</b>	<b>0.00</b>	<b>1,100.00</b>	<b>8,850.00</b>	<b>9,950.00</b>	
<b>TOTAL</b>	<b>587</b>	<b>6,838,720</b>	<b>21</b>	<b>298</b>	<b>0</b>	<b>5,862</b>	<b>49,180</b>	<b>55,042</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

**Regional Programs Summary**  
**City of Upland**  
**FY 18/19**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	4	6	1,277	68
<i>Shows That Teach</i>	1	2	490	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	1	14	155

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	28	22	\$11,250.00
<i>Landscape Design Services</i>	4	0	\$960

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2018-2019	\$3,544.20
<i>Alliance for Water Efficiency Dues</i>	2018-2019	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2018-2019	\$2,000
	2017-2018	\$0
	2016-2017	\$2,000
	2015-2016	\$0
	2014-2015	\$2,000
	2013-2014	\$0
	2012-2013	\$2,000
	2011-2012	\$0
	2010-2011	\$2,000
	2009-2010	\$0
	2008-2009	\$2,000
	2007-2008	\$2,000
	<b>TOTAL</b>	<b>\$14,000</b>

City of Upland  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2018-19</b>				
National Theater for Children	4	1,277	68	\$ 4,160.00
Garden In Every School	1	155	14	\$ 4,142.15
Shows That Teach	1	490	N/A	\$ 975.00
<b>TOTAL</b>	<b>6</b>	<b>1,922</b>	<b>82</b>	<b>\$ 9,277.15</b>
<b>FY 2017-18</b>				
National Theater for Children	4	739	35	\$ 4,160.00
Garden In Every School	1	812	32	\$ 912.30
Shows That Teach	2	839	N/A	\$ 1,360.00
<b>TOTAL</b>	<b>7</b>	<b>2,390</b>	<b>67</b>	<b>\$ 6,432.30</b>
<b>FY 2016-17</b>				
National Theater for Children	5	1,868	84	\$ 5,200.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	3	1,362	56	\$ 1,950.00
<b>TOTAL</b>	<b>8</b>	<b>3,230</b>	<b>140</b>	<b>\$ 7,150.00</b>
<b>FY 2015-16</b>				
National Theater for Children	4	1,780	70	\$ 3,850.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	2	614	23	\$ 1,700.00
<b>TOTAL</b>	<b>6</b>	<b>2,394</b>	<b>93</b>	<b>\$ 5,550.00</b>
<b>FY 2014-15</b>				
National Theater for Children	4	1,852	72	\$ 4,060.00
Garden In Every School	N/A	N/A	N/A	
Shows That Teach	0	0	0	
<b>TOTAL</b>	<b>4</b>	<b>1,852</b>	<b>72</b>	<b>\$ 4,060.00</b>
<b>FY 2013-14</b>				
National Theater for Children	5	1,315	58	\$ 5,075.00
Garden In Every School	1	80	2	\$ 992.92
<b>TOTAL</b>	<b>6</b>	<b>1395</b>	<b>60</b>	<b>\$ 6,067.92</b>
<b>FY 2012-13</b>				
<b>National Theater for Children</b>	<b>2</b>	<b>835</b>	<b>35</b>	<b>\$ 1,892.00</b>
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>2</b>	<b>835</b>	<b>35</b>	<b>\$ 1,892.00</b>
<b>FY 2011-12</b>				
National Theater for Children	1	65	3	\$ 982.69
<b>Garden In Every School</b>	<b>1</b>	<b>3,608</b>	<b>141</b>	<b>\$ 7,500.00</b>
<b>TOTAL</b>	<b>2</b>	<b>3673</b>	<b>144</b>	<b>\$ 8,482.69</b>
<b>FY 2010-11</b>				
National Theater for Children	1	770	38	\$ 982.69
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>1</b>	<b>770</b>	<b>38</b>	<b>\$ 982.69</b>

City of Upland (cont.)  
Water Education/Community Outreach Program Results  
2002-2019 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2009-10				
National Theater for Children	2	730	31	\$ 1,948.00
Garden In Every School	1	736	32	\$ 3,000.00
<b>TOTAL</b>	<b>3</b>	<b>1466</b>	<b>63</b>	<b>\$ 4,948.00</b>
FY 2008-09				
National Theater for Children	2	540	14	\$ 1,856.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>2</b>	<b>540</b>	<b>14</b>	<b>\$ 1,856.00</b>
FY 2007-08				
National Theater for Children	2	1145	37	\$ 2,054.00
Garden In Every School	1	782	67	\$ 7,776.00
<b>TOTAL</b>	<b>3</b>	<b>1927</b>	<b>104</b>	<b>\$ 9,830.00</b>
FY 2006-07				
National Theater for Children	8	3002	130	\$ 12,008.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	240	8	
<b>TOTAL</b>	<b>9</b>	<b>3242</b>	<b>138</b>	<b>\$ 12,008.00</b>
FY 2005-06				
National Theater for Children	2	890	39	\$ 3,560.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	230	6	
<b>TOTAL</b>	<b>3</b>	<b>1120</b>	<b>45</b>	<b>\$ 3,560.00</b>
FY 2004-05				
National Theater for Children	7	2911	127	\$ 11,644.00
IEUA PDA Classes	N/A	N/A	N/A	
Garden In Every School	1	485	8	
<b>TOTAL</b>	<b>8</b>	<b>3396</b>	<b>135</b>	<b>\$ 11,644.00</b>
FY 2003-04				
Think Earth! It's Magic	2	123	7	\$ 492.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>2</b>	<b>123</b>	<b>7</b>	<b>\$ 492.00</b>
FY 2002-03				
Think Earth! It's Magic	2	1327	58	\$ 5,308.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>2</b>	<b>1327</b>	<b>58</b>	<b>\$ 5,308.00</b>
<b>2002-2019 Totals</b>	<b>74</b>	<b>31602</b>	<b>1295</b>	<b>\$ 99,540.75</b>

FY 18/19

## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Prince	1		Upland	N/A	0.10	709	192	0.69	Repair the leaking irrigation valve that was found during the inspection. Input the irrigation schedule that was provided in the report.
City of Upland	Marikian	1		Upland	N/A	0.12	235	148	0.20	Repair the leaking irrigation mainline and make proper adjustments.
City of Upland	Harp	1		Upland	N/A	0.08	104	110	0.00	Repair the leaking irrigation mainline and make proper adjustments.
City of Upland	Sentes	1		Upland	N/A	0.11	299	175	0.29	Adjust irrigation controller and review irrigation design.
City of Upland	Terwilliger	1		Upland	N/A	0.10	153	145	0.02	Make necessary repairs and adjust the irrigation controller.
City of Upland	Bridge	1		Upland	N/A	0.21	129	400	0.00	Review the irrigation design provide in the report. Adjust the irrigation schedule.
City of Upland	Archer	1		Upland	N/A	0.07	77	120	0.00	Repair/ adjust the sprinklers in the front lawn. Adjust the irrigation to the one provided.
City of Upland	Cheng	1		Upland	N/A	0.1	117	169	0.00	Make proper repairs from the report.
City of Upland	Grant	1		Upland	N/A	0.09	157	176	0.00	Adjust to the irrigation schedule provided.
City of Upland	Chen	1		Upland	N/A	0.24	363	459	0.00	Make proper repairs from the report and review design suggestions.
City of Upland	Sepulveda	1		Upland	N/A	0.05	296	85	0.00	Adjust the irrigation schedule and make necessary repairs.
City of Upland	Wynn	1		Upland	N/A	0.08	189	134	0.13	Repair irrigation issues and adjust the irrigation schedule.
City of Upland	Duckett	1		Upland	N/A	0.14	198	250	0.00	Refer to the report with recommendations on turf care and watering schedule.
City of Upland	Paster	1		Upland	N/A	0.10	509	163	0.80	Make nessecary repairs highlighted in the report. Adjust the irrigation controller to the schedule provided in the report.

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## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Faber	1		Upland	N/A	0.23	276	388	0.00	Follow recommendations provided in the LEAP report.
City of Upland	Comtean	1		Upland	N/A	0.17	827	360	1.07	Repair irrigation issues shown in the report. During audit the pool was found to be a contribute to the high water bill.
City of Upland	Woodward	1		Upland		0.17	562	338	0.51	Adjust irrigation schedule to the one provided in the report. Make nessecary irrigation repairs.
City of Upland	Diess	1		Upland	N/A	0.30	707	646	0.14	Make appropriate repairs. Adjust irrigation schedule.
City of Upland	Gokli	1		Upland	53%	0.10	355	165	0.44	Adjust irrigation schedule to the information provided in the report.
City of Upland	Klitgaard	1		Upland	N/A	0.75	1710	1503	0.48	Make repiars provided in the report.
City of Upland	Von Heef	1		Upland	N/A	0.31	707	646	0.14	
City of Upland	Reynolds	1		Upland	N/A	0.07	21	153	0.00	
City of Upland	King	1		Upland	N/A	0.21	409	433	0.00	
City of Upland	Thompson	1		Upland	N/A	0.08	53	165	0.00	
City of Upland	Deamos	1		Upland	N/A	0.08	129	140	0.00	
City of Upland	Bolin	1		Upland	N/A	0.26	874	494	0.87	Repiar irrigaiton mainline and lateral line pipes.
City of Upland	Patel	1		Upland	N/A	0.26	851	489	0.83	Adjust irrigation schedule and apply for available turf removal rebates.
City of Upland	Nazaroff	1		Upland	N/A	0.10	7	145	0.00	Make appropriate repairs highlighted in the report.



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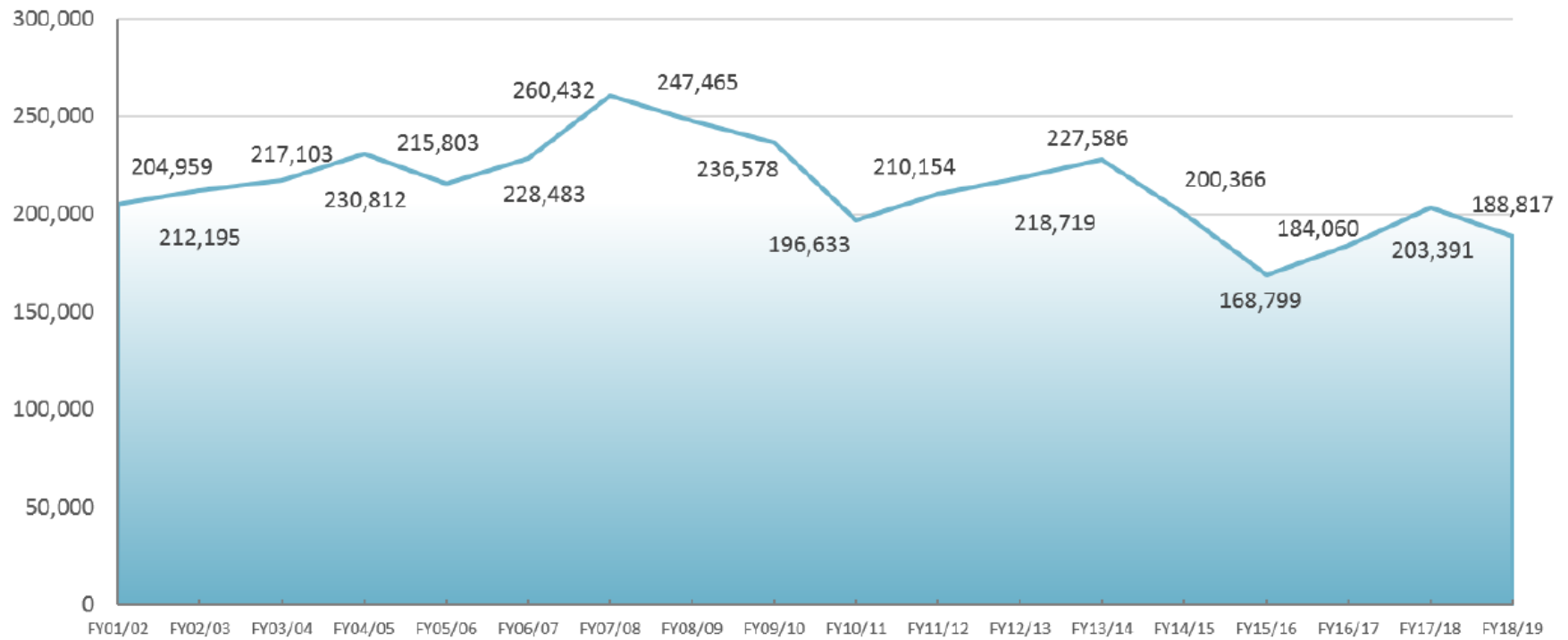
## Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Upland Hills Estates		6	Upland	N/A	8.40	32341	17156	34.91	Make all the repairs provided in the report. Adjust irrigation schedule to the one provided. Apply for the water efficiency rebates discussed.
City of Upland	Chelsea Park		2	Upland	64%	2.28	4771	3441	3.06	Make repairs provided in the report. Adjust irrigation schedule to the one provided in the report.
City of Upland	Mountain View Park		14	Upland	68%	15.00	37080	31114	13.71	Make repairs provided in the report. Adjust irrigation schedule to the one provided in the report.

# **Appendix A**

## **IEUA Water Use Summary Information Gallons Per Capita Per Day (GPCD)**

### *IEUA Member Agency Total Water Use Trends*



### ***IEUA 20x2020 Gallons Per Capita Day (GPCD) Regional Goals***

Original 2010 Baseline	Baseline (Based on average annual water demand years 1999 – 2008)	2015 Target (10% Reduction)	2020 Target (20% Reduction)
Gallons per Capita per Day (GPCD)	251	226	201

### ***Impact of Projected WUE Activities and Recycled Water Supply Projections***

	2018/19 Actual GPCD	2020 GPCD
Projected GPCD reduction from WUE Active and Passive Activities	15	29 – 46*
Projected GPCD reduction from Recycled Water Supply	29	31
TOTAL Projected GPCD Reduction	44	60 – 77*
Revised 10 Year Baseline GPCD	<b>243</b>	
Regional GPCD Target	218**	194
Regional GPCD Projected Achievement***	179	149 – 166*

\*Range represents GPCD reduction with and without Budget-based Water Rate implementation.

\*\* Value represents 2015 GPCD Target

\*\*\* 2018/19 GPCD numbers are reported actuals

## *Inland Empire Utilities Agency Current Regional GPCD Status*

Fiscal Year	GPCD without WUE & Recycled Water	Water Use Efficiency	Recycled Water	Actual GPCD*
<b><i>UWMP 2010 Baseline</i></b>				<b><i>251</i></b>
2009-10	235	6	10	225
2010-11	221	7	12	209
2011-12	234	7	15	219
2012-13	243	8	18	225
2013-14	250	9	21	229
<b><i>UWMP 2015 Target</i></b>				<b><i>218</i></b>
2014-15	219	10	21	198
2015-16	187	13	20	167
2016-17	202	14	22	180
2017-18	221	15	27	194
2018-19	208	15	29	179
<b><i>UWMP 2020 Target</i></b>				<b><i>194</i></b>
2020	226	29	31	195

# **Appendix B**

## **IEUA/CBWCD – Landscape Evaluation Audit Program Performance for Fiscal Years:**

**2007-2008**

**2008-2009**

**2009-2010**

**2010-2011**

**2011-2012**

**2012-2013**

**2013-2014**

**2014-2015**

**2015-2016**

**2016-2017**

**2017-2018**

**2018-2019**

**Prepared by Chino Basin Water Conservation District, the annual evaluations included in this section determine the potential water savings of residential and commercial landscape irrigation systems. The water savings figures reflect all the recommendations that were made for each site during the audit.**

FY 18/19 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Lapeygrade	1		Chino	N/A	0.08	184	142	0.10	Fix mixed matched valve zones with matched precipitation nozzles. Make necessary repairs shown in the report. Input irrigation schedule provided.
City of Chino	Brewer	1		Chino	63%	1.34	3285	2357	2.13	Repair the lateral line breaks in the front and back yard. Input the irrigation schedule provided in the report.
City of Chino	O'Donnell	1		Chino	N/A	0.16	602	269	0.77	Adjust the irrigaiton schedule to the one provided by the report.
City of Chino	Corvera	1		Chino	N/A	0.06	24	99	0.00	To provide adequate moisture to plant material input irrigation schedule provided in the report.
City of Chino	Galway HOA		1	Chino	71%	1.19	3951	2555	3.21	Make minor repairs. Utilize flow sensors that are being unused on site. Adjust irrigation schedules.
City of Chino Hills	Yang	1		Chino Hills	N/A	0.07	184	136	0.11	Make sure that all sprinklers have the same matched nozzings and the correct arc of throw to elimiate overspray and run off.
City of Chino Hills	Anuvat	1		Chino Hills	N/A	0.11	275	203	0.17	Make the nessecary changes that were presented in the report.
City of Chino Hills	Aris	1		Chino Hills	N/A	0.03	63	53	0.02	Participate in the irrigaiton controller upgrade program and input the irrigation schedule provided in the report.
City of Chino Hills	Lekkerker	1		Chino Hills	N/A	0.08	169	125	0.10	Repair the irrigaiton leaks found during site visist. Adjust the irrigaiton system per the report.
City of Chino Hills	Tran	1		Chino Hills	N/A	0.17	240	204	0.00	Repair the irrigation system before the conservation team can provide a proper evaluation.
City of Chino Hills	Baca	1		Chino Hills	N/A	0.14	251	227	0.06	Make the proper irrigation repairs shown in the report.
City of Chino Hills	Henmi	1		Chino Hills	N/A	0.03	113	55	0.13	Input the irrigation schedule provided.
City of Chino Hills	Rosenthal	1		Chino Hills	N/A	0.21	507	376	0.30	Make nessecary repairs highlighted in the report.
City of Chino Hills	Wu	1		Chino Hills	N/A	0.1	58	113	0.00	Adjust irrigation schedule.
City of Chino Hills	Rasshan	1		Chino Hills	N/A	0.05	95	91	0.01	Make nessecary repairs highlighted in the report.
City of Chino Hills	Ting	1		Chino Hills	N/A	0.05	41	93	0.00	Make irrigation repairs highlighted in report.
City of Chino Hills	Damerell	1		Chino Hills	N/A	0.04	114	76	0.09	Make minor repiars provided in the report and make irrigation schedule adjustments.
City of Chino Hills	Yang	1		Chino Hills	N/A	0.06	112	127	0.00	Make irrigation repairs provided in the report. Apply for available rebates.
City of Chino Hills	Matyas	1		Chino Hills	N/A	0.21	507	376	0.30	Make irrigation repairs provided in the report. Apply for available rebates.

FY 18/19 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino Hills	Han	1		Chino Hills	N/A	0.09	94	154	0.00	Adjust irrigation schedule to the one provided in the report.
City of Chino Hills	Summit Ranch HOA		27	Chino Hills	67%	29.92	37000	32689	9.91	Adjust the irrigation schedule to the one provided in the report. Make nessacary irrigation repairs.
City of Chino Hills	Sycamore Crest HOA		1	Chino Hills	57%	0.50	890	839	0.12	Make repairs highlighted in report. Refer to section on turf maintenance for suggestions.
City of Chino Hills	East Carbon Canyon Estates		3	Chino Hills	65%	4.66	8727	8552	0.40	Refer to the irrigation schedule provided in the report.
City of Chino Hills	City of Chino Hills		4	Chino Hills	N/A	5.43	4593	5435	0.00	Repair broken irrigaiton detailed in the report and adjust irrigation to schedule providee.
City of Chino Hills	City of Chino Hills		4	Chino Hills	63%	5.09	15372	9132	14.34	Make minor repairs highlighted in report. Refer to irrigation schedule provided in the report.
CVWD	Marikian	1		Alta Loma	N/A	0.07	198	141	0.13	Adjust the irrigation schedule. Redesign the backyard irrigation system to insure head to head coverage.
CVWD	Banfield	1		Rancho Cucamonga	N/A	0.09	102	46	0.13	Repair the irrigation wiring and main line.
CVWD	Castillo	1		Rancho Cucamonga	N/A	0.06	210	95	0.26	Adjust the irrigation schedule and make the proper irrigation repairs.
CVWD	Hallihan	1		Alta Loma	N/A	0.22	438	388	0.11	Adjust the irrigation schedule to the one provided in the report.
CVWD	Knight	1		Rancho Cucamonga	N/A	0.09	133	152	0.00	
CVWD	Bailey	1		Rancho Cucamonga	N/A	0.03	148	46	0.23	
CVWD	Klein	1		Rancho Cucamonga	N/A	0.05	117	110	0.02	Make nessecary irrigation repairs.
CVWD	Wen	1		Rancho Cucamonga	N/A	0.08	68	58	0.02	Make nessecary irrigation repairs.
CVWD	Gutierrez	1		Alta loma	N/A	0.3	461	532	0.00	Adjust irrigation schedule to one provided in the report. Repair irrigation valves/sprinklers in the backyard per the report.
CVWD	Wiley	1		Rancho Cucamonga	N/A	0.04	86	25	0.14	Adjust the irrigation schedule to one provided in the report. Repair irrigation valves in the backyard.
CVWD	Nelson	1		Rancho Cucamonga	N/A	0.29	813	479	0.77	Adjust irrigaiton schdule to the one that is provided in the report.
MVWD	Khosroshin	1		Montclair	N/A	0.09	237	176	0.14	Adjust the irrigation controller to the schedule provided in the report.
MVWD	Jardella	1		Montclair	N/A	0.12	269	235	0.08	Make necessary repairs and irrigation system upgrades.



FY 18/19 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Lawrence	1		Chino	N/A	0.05	58	82	0.00	Adjust the irrigation controller to the schedule provided in the report.
MVWD	Montoya	1		Montclair	N/A	0.03	38	43	0.00	Adjust the irrigation schedule to the one provided in the report.
MVWD	Ricks	1		Montclair	N/A	0.04	137	57	0.18	Make nessecary repairs shown in the report. Change irrigation schedule to the one provided.
MVWD	Lawrence	1		Chino	N/A	0.05	249	164	0.20	Adjust the irrigation schedule to the one provided in the report.
MVWD	Hildedardt	1		Chino	57%	0.18	438	256	0.42	Update the irrigation schedule to the recommended schedule. Make the minor irrigation repairs.
MVWD	Guerra	1		Montclair	N/A	0.05	57	56	0.00	Adjust system to the schedule provided with the report.
MVWD	Lu	1		Montclair	N/A	0.07	165	125	0.09	Make nessacary repairs highlighted in the report.
MVWD	Rousseve	1		Montclair	N/A	0.13	194	220	0.00	Refer to the recommendations provided in the report.
MVWD	Hacienda Estates		2	Montclair	85%	3.00	8584	3317	9.30	Adjust irriation schedule to the one provided in the report. Make nessecary repairs.
City of Ontario	Gerstein	1		Ontario	N/A	0.12	365	198	0.38	Adjust irrigation schedule.
City of Ontario	Hus	1		Ontario	N/A	0.11	46	184	0.00	When the landscape transformation is complete refer the irrigation suggestions provided in the report.
City of Ontario	Bernstein	1		Ontario	N/A	0.03	110	57	0.12	Repair the irrigation valve that is leaking in the sideyard. Adjust the irrigaiton schedule to the one provided in the report.
City of Ontario	Ordaz	1		Ontario	N/A	0.05	37	74	0.00	When the landscape transformation is complete refer the irrigation suggestions provided in the report.
City of Ontario	Jacobs	1		Ontario	N/A	0.06	120	104	0.04	Make nessecary irrigation repairs.
City of Ontario	Braga	1		Ontario	72%	0.11	278	210	0.16	Adjust irrigation schedule to one provided. Make the recommended repairs provided.
City of Ontario	Coronado	1		Ontario	N/A	0.03	13	53	0.00	To make plant material thrive adjust irrigation schedule.
City of Ontario	Bernal	1		Ontario	62%	0.04	117	45	0.17	Make appropriate irrigation repairs highlighted in the report.
City of Ontario	Curiel	1		Ontario	N/A	0.07	136	120	0.04	Make appropriate irrigation repairs highlighted in the report.
City of Ontario	Ontario Gateway Business Park		2	Ontario	59%	3.31	5702	5060	1.48	Make irrigation repairs and adjust the irrigation schedule to the schedule provided in report.

FY 18/19 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Ontario	Ruiz Mexican Food, Inc		1	Ontario	N/A	0.53	N/A	893	0.00	Make the irrigation repairs shown in the report.
City of Ontario	Creekside Village East HOA		14	Ontario	71%	15.30	N/A	24212	0.00	Use the irrigation schedule provided in the report as a guideline.
SAWC	Preciado	1		Upland	N/A	0.14	11	95	0.00	Make the nessecary irrigation repairs.
City of Upland	Prince	1		Upland	N/A	0.10	709	192	0.69	Repair the leaking irrigation valve that was found during the inspection. Input the irrigation schedule that was provided in the report.
City of Upland	Marikian	1		Upland	N/A	0.12	235	148	0.20	Repair the leaking irrigation mainline and make proper adjustments.
City of Upland	Harp	1		Upland	N/A	0.08	104	110	0.00	Repair the leaking irrigation mainline and make proper adjustments.
City of Upland	Sentes	1		Upland	N/A	0.11	299	175	0.29	Adjust irrigation controller and review irrigation design.
City of Upland	Terwilliger	1		Upland	N/A	0.10	153	145	0.02	Make necessary repairs and adjust the irrigation controller.
City of Upland	Bridge	1		Upland	N/A	0.21	129	400	0.00	Review the irrigation design provide in the report. Adjust the irrigation schedule.
City of Upland	Archer	1		Upland	N/A	0.07	77	120	0.00	Repair/ adjust the sprinklers in the front lawn. Adjust the irrigation to the one provided.
City of Upland	Cheng	1		Upland	N/A	0.1	117	169	0.00	Make proper repairs from the report.
City of Upland	Grant	1		Upland	N/A	0.09	157	176	0.00	Adjust to the irrigation schedule provided.
City of Upland	Chen	1		Upland	N/A	0.24	363	459	0.00	Make proper repairs from the report and review design suggestions.
City of Upland	Sepulveda	1		Upland	N/A	0.05	296	85	0.00	Adjust the irrigation schedule and make necessary repairs.
City of Upland	Wynn	1		Upland	N/A	0.08	189	134	0.13	Repair irrigation issues and adjust the irrigation schedule.
City of Upland	Duckett	1		Upland	N/A	0.14	198	250	0.00	Refer to the report with recommendations on turf care and watering schedule.
City of Upland	Paster	1		Upland	N/A	0.10	509	163	0.80	Make nessecary repairs highlighted in the report. Adjust the irrigation controller to the schedule provided in the report.
City of Upland	Faber	1		Upland	N/A	0.23	276	388	0.00	Follow recommendations provided in the LEAP report.
City of Upland	Comtean	1		Upland	N/A	0.17	827	360	1.07	Repair irrigation issues shown in the report. During audit the pool was found to be a contribute to the high water bill.

## Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Woodward	1		Upland		0.17	562	338	0.51	Adjust irrigation schedule to the one provided in the report. Make nessecary irrigation repairs.
City of Upland	Diess	1		Upland	N/A	0.30	707	646	0.14	Make appropriate repairs. Adjust irrigation schedule.
City of Upland	Gokli	1		Upland	53%	0.10	355	165	0.44	Adjust irrigation schedule to the information provided in the report.
City of Upland	Klitgaard	1		Upland	N/A	0.75	1710	1503	0.48	Make repiars provided in the report.
City of Upland	Von Heef	1		Upland	N/A	0.31	707	646	0.14	
City of Upland	Reynolds	1		Upland	N/A	0.07	21	153	0.00	
City of Upland	King	1		Upland	N/A	0.21	409	433	0.00	
City of Upland	Thompson	1		Upland	N/A	0.08	53	165	0.00	
City of Upland	Deamos	1		Upland	N/A	0.08	129	140	0.00	
City of Upland	Bolin	1		Upland	N/A	0.26	874	494	0.87	Repiar irrigaiton mainline and lateral line pipes.
City of Upland	Patel	1		Upland	N/A	0.26	851	489	0.83	Adjust irrigation schedule and apply for avaiible turf removal rebates.
City of Upland	Nazaroff	1		Upland	N/A	0.10	7	145	0.00	Make appropriate repairs highlighted in the report.
City of Upland	Upland Hills Estates		6	Upland	N/A	8.40	32341	17156	34.91	Make all the repairs provided in the report. Adjust irrigation schedule to the one provided. Apply for the water efficiency rebates discussed.
City of Upland	Chelsea Park		2	Upland	64%	2.28	4771	3441	3.06	Make repairs provided in the report. Adjust irrigation schedule to the one provided in the report.
City of Upland	Mountain View Park		14	Upland	68%	15.00	37080	31114	13.71	Make repairs provided in the report. Adjust irrigation schedule to the one provided in the report.

## Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Berger	1		Chino	N/A	0.07	179	149	0.01	Fix mixed matched valve zones with matched precepitation nozzles. Elimate turf on side of house where sprinkler coverage is poor. Input irrigation schedule provided.
City of Chino	Marchesi	1		Chino	N/A	0.10	76	168	0.00	Install two new rotors to help with coverage in front yard. This will allow for shorter run times and less run off. Remove thatch in turf areas to allow for more oxygen and plant health
City of Chino	Huang	1		Chino	N/A	0.05	41	115	0.00	Repair broken sprinklers included in report. Front yard needs sprinkler spacing adjustments for better coverage. Reduce run off by inputing the porvided schedule.
City of Chino	Yennie	1		Chino	N/A	0.01	101	47	0.02	Repair all leaks that are shown in the report. Upgrade irrigation systetm to achieve proper irrigation uniformity.
City of Chino	Tham	1		Chino	N/A	0.07	328	111	0.25	Repair the lateral line breaks in the front and back yard. Input the irrigation schedule provided in the report.
City of Chino	Brown	1		Chino	N/A	0.08	268	136	0.18	Repair all the irrigation issues provided in the report
City of Chino	Radocinski	1		Chino	N/A	0.02	26	39	0.00	Repair broken pipe in the front yard detailed in the report. Repair drip valve in front yard. Adjust irrigation schedule to the one provided in the report
City of Chino Hills	Makela	1		Chino Hills	N/A	0.08	196	170	0.06	Installation of a pressure regulator will limit overspary and misting. Input provided schedule for accurate watering durations
City of Chino Hills	Hori	1		Chino Hills	N/A	0.12	65	145	0.00	Repair all nessecary breaks in system.
City of Chino Hills	Doyle	1		Chino Hills	N/A	0.10	456	259	0.60	Input provided schedule for accurate watering durations. Repair all nessecary breaks in the system.
City of Chino Hills	Lombardo	1		Chino Hills	N/A	0.11	221	198	0.05	Make sure that all sprinklers have the same matched nozzings and the correct arc of throw to elimiate overspray and run off.
City of Chino Hills	George Filart	1		Chino Hills	N/A	0.03	114	72	0.10	Property overwatered. Apply the schedule provided.
City of Chino Hills	Jeff Huang	1		Chino Hills	N/A	0.05	20	83	0.00	Repair Irrigation Timer and field wiring. Repair all broken sprinklers to stop water waste.
City of Chino Hills	Bhatia	1		Chino Hills	N/A	0.03	80	42	0.09	Repair Irrigation Timer and field wiring. Repair all broken sprinklers to stop water waste.
City of Chino Hills	Kasubha	1		Chino Hills	N/A					
City of Chino Hills	Salamat	1		Chino Hills	N/A	0.05	99	90	0.01	Repair broken irrigation valves, piping, and sprinkler heads that were presented in the report
City of Chino Hills	Pots	1		Chino Hills	N/A	0.09	445	153	0.39	Adjust irrigation schedule to the one provided in the report.
City of Chino Hills	Dake	1		Chino Hills	N/A	0.57	414	603	0.00	Adjust irrigation schedule to the one provided in the report. Make minor repairs found during the eval.
City of Chino Hills	Ramos	1		Chino Hills	51%	0.02	73	26	0.06	Adjust irrigation schedule to the one provided in the report. Make minor repairs found during the eval.

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino Hills	Carriage Hills HOA	14 (CII)		Chino Hills	65%	15.00	17147	13274	8.90	Installation of pressure regulators to help with high pressure. Installation of flow sensors to stop waste from irrigation breaks. Input the irrigation schedule that was put together in the report.
City of Chino Hills	City of Chino Hills Public Works	4 (CII)		Chino Hills	71%	5.81	9415	9138	0.37	Adjust the irrigation to the one provided in the report
City of Chino Hills	City of Chino Hills Public Works	4 (CII)		Chino Hills	69%	5.28	5385	7065	0.00	Repair broken irrigaiton detailed in the report and adjust irrigation to schedule providee
City of Chino Hills	City of Chino Hills Public Works	1 (CII)		Chino Hills	71%	2.72	3585	3458	0.17	Repair broken irrigaiton detailed in the report and adjust irrigation to schedule providee
City of Chino Hills	City of Chino Hills Public Works	4 (CII)		Chino Hills	71%	5.44	10599	7908	3.60	Make irrigation repairs presented in the report and adjust irrigation schedule to one provided
City of Chino Hills	City of Chino Hills Public Works	1 (CII)		Chino Hills	65%	1.05	860	1185	0.00	Make irrigation repairs presented in the report and adjust irrigation schedule to one provided
City of Chino Hills	City of Chino Hills Public Works	1 (CII)		Chino Hills	70%	2.84	3395	3531	0.00	Make irrigation repairs presented in the report and adjust irrigation schedule to one provided
City of Chino Hills	City of Chino Hills Public Works	1 (CII)		Chino Hills	67%	0.82	1127	1117	0.01	Make irrigation repairs presented in the report and adjust irrigation schedule to one provided
City of Chino Hills	City of Chino Hills Public Works	1 (CII)		Chino Hills	70%	0.69	866	859	0.01	Make irrigation repairs presented in the report and adjust irrigation schedule to one provided
City of Chino Hills	City of Chino Hills Public Works	2 (CII)		Chino Hills	57%	3.70	4825	5020	0.00	Repair broken irrigaiton detailed in the report and adjust irrigation to schedule providee
CVWD	Duke	1		Alta Loma	N/A	0.13	96	95	0.00	Adjust irrigation schedule to one provided. Maintain the mulch layer in front yard to help with water infiltration
CVWD	Richter	1		Rancho Cucamonga	N/A	0.07	149	112	0.05	Repair irrigation breaks in front and backyard. Adjust irrigation schedule to one provided.
CVWD	Turner	1		Fontana	N/A	0.04	5	14	0.00	Adjust irrigation schedule to one provided. Maintain the mulch layer in front yard to help with water infiltration
CVWD	Jones	1		Alta Loma	N/A	0.13	99	192	0.00	Adjust irrigation schedule to one provided in the report. Repair irrigation valves/sprinklers in the backyard per the report
CVWD	Rodriguez	1		Rancho Cucamonga	N/A	0.07	11	105	0.00	Adjust the irrigation schedule to one provided in the report. Repair irrigation valves in the backyard
CVWD	Management	1 (CII)		Rancho Cucamonga	N/A	1.28	2227	1569	0.88	
Fontana Water Co.	Campbell	1		Fontana	N/A	0.04	149	77	0.16	Make nessecary irrigation repairs to eliminate water waste.
MVWD	Brayfield	1		Chino	61%	0.11	210	246	0.00	Repair all broken irrigation and installation of new sprinklers to improve DU. Input irrigation schedule prescribed in report.
MVWD	Colombo	1		Montclair	N/A	0.09	192	140	0.12	Installation of a irrigation timer will allow for water managemnet in the front yard. Refer to irriagtion schedule provided in report.
MVWD	Montoya	1		Chino	N/A	0.20	154	250	0.00	Improve irrigation coverage to limit run off. Install a irrigaiton controler to prevent overwatering through the practice of manual watering
MVWD	Lawson	1		Chino	N/A	0.67	1223	822	0.92	Repair broken equipment highlighted in the report. Input irrigation schedule provided in report.
MVWD	Preciado	1		Montclair	N/A	0.03	128	46	0.19	Adjust system to the schedule provided with the report

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Fletcher	1		Montclair	N/A	0.09	24	81	0.00	Repair the irrigation controllers in the front and backyard. Repair irrigation valves in the front yard to water effectively
MVWD	Hoggart	1		Montclair	N/A	0.07	66	99	0.00	Make minor repairs shown in the report. Adjust irrigation schedule to the one provided in the report.
MVWD	Global Link Distribution		1	Montclair	N/A	0.40	704	405	0.40	Repair the master valve to allow the irrigation system will operate properly. Input the irrigation schedule provided in the report.
City of Ontario	Hernandez	1		Ontario	N/A	0.08	347	127	0.50	Increase uniformity by revising sprinkler layout. Make nessecary repairs presented in the report. Use water guide provided.
City of Ontario	Leung	1		Ontario	N/A	0.11	401	175	0.11	Adjust irrigation schedule to one provided. Make the recommended repairs provided.
City of Ontario	Gomez Angel	1		Ontario	No Test	0.08	84	101	0.00	fix broken sprinklers, unclog sprinklesr, make sure there is head to head coverage, too many sprinklers in turf area, fix tilted sprinklers, fix leaking valve
City of Ontario	Hamilton	1		Ontario	65%	0.12	296	236	0.14	Adjust curruent irrigaiton schedule to the schedule provided in the LEAP report.
City of Ontario	Villa Park Landscape - Reyes		7	Ontario	68%	8.03	31612	10185	49.19	decrease run times, fix broken and tilted sprinklers, use taller risers, convert planter material to drip
City of Ontario	Philips Oral Healthcare		1	Ontario	N/A	0.47	1136	559	1.33	Repair minor irrigation issues provided in the report. Refer to the irrigation schedule provided because overwatering was the greatest issue at the site.
City of Ontario	Philips Oral Healthcare		1	Ontario	N/A	0.47	1136	559	1.33	Repair minor irrigation issues provided in the report. Refer to the irrigation schedule provided because overwatering was the greatest issue at the site.
City of Ontario	West Valley Vector Control		1	Ontario	N/A	0.18	126	56	0.07	Make nessecary repairs and adjsut irrigation schedule to one provided. Also, installation of battery timers to the valves being used as manuel will allow for management
San Antonio Water Co.	Darwish	1		Upland	N/A					
San Antonio Water Co.	Polk	1		Upland	N/A					
San Antonio Water Co.	Woodward	1		Upland	N/A	0.24	376	365	0.02	Input reccomoneded irrigation schedule. Make repairs shown in the report.
San Antonio Water Co.	Abraham	1		Upland	N/A	0.13	167	198	0.00	Input reccomoneded irrigation schedule. Make repairs shown in the report.
City of Upland	Knight	1		Upland	No Test	0.06	105	99	0.01	Adjust irrigation schedule to the recommendations provided in the report.
City of Upland	Garcia	1		Upland	62%	0.06	108	101	0.02	Make nessecary repairs shown in the report. Make sure that all irrigation valves have matching sprinkler nozzles to increase DU.
City of Upland	Nicholes	1		Upland	N/A	0.08	313	159	0.35	High pressure and over spray was found throughout the property. Install a proper pressure regulator to avoid water waste.
City of Upland	Elis	1		Upland	N/A	0.09	162	181	0.00	Repair the broken sprinklers and drip line shown in the report. Water was found hitting the sidewalk because of high pressure.
City of Upland	Gonzalez	1		Upland	N/A	0.08	195	144	0.11	Repair leaking irrigation drip lines. Install proper arced nozzles in areasa. Input irriagation schedule provided in the report,
City of Upland	Mowjood	1		Upland	N/A					
City of Upland	Zbinden	1		Upland	N/A					

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City of Upland	Watkins	1		Upland	N/A	0.31	788	543	0.25	Adjust irrigation schedule to the one provided in the report. Make proper irrigaiton adjustments to the system to improve distribution uniformity.
City of Upland	Contreas	1		Upland	N/A	0.03	350	39	0.34	Repair the major breaks in the irrigaiton system before water conservation practices can be realized.
City of Upland	Sanchez	1		Upland	N/A	0.09	166	142	0.00	Make nesscary repairs in the backyard to eliminate water waste. Input the irrigaiton schedule provided in the report
City of Upland	Newlin	1		Upland	N/A	0.10	321	156	0.14	Make the minor repairs listed in the report. Input the irrigation schedule provided in the report
City of Upland	Zimmer	1		Upland	N/A	0.06	260	89	0.15	Make nessecary repairs listed in the report. Input the irrigation schedule provided in the report..
City of Upland	Reid	1		Upland	N/A	0.23	303	352	0.00	Make nessecary repairs listed in the report. Input the irrigation schedule provided in the report..
City of Upland	Ho	1		Upland	N/A	0.27	598	406	0.44	Make nessecary repairs listed in the report. Input the irrigation schedule provided in the report..
City of Upland	Padilla	1		Upland	N/A	0.01	107	47	0.04	Make nessecary repairs listed in the report. Input the irrigation schedule provided in the report..
City of Upland	Moyses	1		Upland	N/A	0.46	1044	692	0.81	Make nessecary repairs listed in the report. Input the irrigation schedule provided in the report..
City of Upland	Goldman	1		Upland	N/A	0.11	290	174	0.27	Repair the irrigation leak per the report. Adjust the irrigation schedule to report
City of Upland	Wong	1		Upland	N/A	0.15	393	247	0.20	Refer to irrigation schedule for water savings. Make repairs that are presented in the report.
City of Upland	Moncayo	1		Upland	N/A	0.17	472	300	0.40	Adjust irrigaiton schedule to one provided. Repair irrigaiton valve in backyard that was leaking continuously causing water bill to increase
City of Upland	Barnes	1		Upland	N/A	0.07	128	86	0.10	Refer to irrigation schedule and lawn care guide provided
City of Upland	Barnes	1		Upland	N/A	0.15	433	192	0.55	Make nessecary repairs provided in the report. Adjust irrigation schedule to fix city regulations and plant health
City of Upland	Robles	1		Upland	N/A	0.12	235	175	0.08	Make minor repairs presented in the report
City of Upland	Wallace	1		Upland	N/A	0.18	618	256	0.48	Refer to the irrigation schedule for front and back yard
City of Upland	Lecour	1		Upland	N/A	0.14	184	176	0.01	Make nessecary repairs provided in the report. Adjust irrigation schedule to fix city regulations and plant health
City of Upland	Tatera	1		Upland	N/A	0.15	415	250	0.22	Refer to irrigation schedule for water savings. Make repairs that are presented in the report.
City of Upland	Ingram	1		Upland	N/A	0.12	227	190	0.09	Repair wiring in the backyard. Adjust irrigation to the schedule provided in the report.
City of Upland	Goodman	1		Upland	N/A	0.12	569	235	0.46	Fix minor irrigaiton breaks located in the front yard. Adjust irrigation schedule to one provided in the report
City of Upland	Reyes	1		Upland	N/A	0.10	121	185	0.00	Repair the pipe breaks located in the frontyard. After repairs are made, adjust the irrigation schedule to the one provided in the report.
City of Upland	Management	1 (CII)		Upland	N/A	0.64	2393	808	3.64	Repair irrigation per the report and input the schedule prvided by the report

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City of Chino	Gonzaga	1		Chino	59%	0.03	132	49	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Cyndi	1		Chino	N/A	0.04	245	185	0.03	Repair all leaks that are shown in the report. Upgrade irrigation system to achieve proper irrigation uniformity.
City of Chino	Annie	1		Chino	N/A	0.01	101	47	0.02	Repair all leaks that are shown in the report. Upgrade irrigation system to achieve proper irrigation uniformity.
City of Chino Hills	Linden	1		Chino Hills	No Test	0.06	40	68	0.00	Separate planter and turf material, convert planters to drip, fix tilted and broken sprinklers, use correct nozzles, move sprinklers to improve coverage
City of Chino Hills	Lopez	1		Chino Hills	71%	0.10	84	127	0.00	add sprinklers in corners to reduce overspray, use VANs where needed, use sprinklers with a lower trajectory, adjust sprinklers to reduce runoff
City of Chino Hills	Cheryl	1		Chino Hills	N/A	0.04	198	138	0.14	Make sure all the nozzles are matching in each irrigation zone. Adjust timer to recommended durations per the report.
City of Chino Hills	Christian	1		Chino Hills	55%	0.52	1025	965	0.31	Repair all irrigation breaks shown on the report. Adjust all valve to the recommended runtimes provided by the report.
CVWD	Navarro	1		Rancho Cucamonga	53%	0.04	108	56	0.12	fix tilted sprinklers, use nozzles with a lower trajectory, use VANs when needed, aerate soil, adjust and add sprinklers
CVWD	Camestra	1		Rancho Cucamonga	65%	0.09	88	113	0.00	Use side strip nozzles, improve DU
CVWD	Domena	1		Rancho Cucamonga	No Test	0.16	94	196	0.00	Separate planter and turf material onto separate stations, keep rotors and spray on separate stations, fix broken nozzle, use taller risers
CVWD	Gordon	1		Rancho Cucamonga	67%	0.11	76	141	0.00	Separate drip and spray irrigation onto separate stations, adjust sprinklers to reduce overspray, add sprinklers to improve coverage
CVWD	Mayol	1		Rancho Cucamonga	No Test	0.04	111	46	0.15	get pressure regulator, remove sprinklers, use VANs, fix broken sprinklers
CVWD	Knauer	1		Alta Loma	62%	0.12	69	143	0.00	Adjust sprinklers, fix broken sprinklers, separate planter and turf material, separate rotors and spray type sprinklers, add sprinklers to improve coverage
CVWD	Baer	1		Alta Loma	No Test	0.18	170	220	0.00	Fix broken sprinklers, add sprinklers to improve DU, cap unnecessary sprinklers, convert planters to drip or microspray, adjust sprinklers, replace valve
CVWD	Toole	1		Alta Loma	No Test	0.18	172	227	0.00	fix broken sprinklers, use VANs where needed, replace rotors with spray in small areas, cap unnecessary sprinklers, adjust sprinkler run times.
CVWD	Lawrence	1		Rancho Cucamonga	48%	0.08				overspray, adjust nozzles, use VANs when needed, replace solenoid on one of the valves, fix broken sprinkler, add sprinklers, use correct nozzle type
CVWD	Paopradith	1		Alta Loma		0.08	233	301	0.00	overspray, adjust nozzles, use VANs when needed, replace solenoid on one of the valves, fix broken sprinkler, add sprinklers, use correct nozzle type
CVWD	Modereger	1		Rancho Cucamonga	53%	0.05	46	44	0.00	Improve DU by changing sprinkler placement. Raise sprinklers that have sunken. Change timer to proposed watering schedule.
CVWCD	Kyle	1		Alta Loma	55%	0.17	409	349	0.28	Repair all irrigation related issues through the report. Adjust irrigation controller to the recommended schedule provided in the report
MVWD	Gray	1		Chino	No Test	0.12	285	148	0.31	reduce station run times for spray type sprinklers in turf area, move sprinkler up so not blocked by wall, adjust rotors
MVWD	Rodriguez	1		Montclair	42%	0.03	84	101	0.00	aerate soil, improve head to head coverage by using nozzles with a further reach, fixing broken nozzles



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MVWD	Roger	1		Montclair	N/A	0.09	254	194	0.08	Adjust current schedule to the schedule provided in the report. Review the proposed irrigation upgrades in the report.
MVWD	Zepeda	1		Montclair	N/A	0.05	134	104	0.01	Adjust current schedule to the schedule provided in the report. Review the proposed irrigation upgrades in the report.
MVWD	Patrick	1		Montclair	N/A	0.09	300	240	0.10	Adjust current schedule to the schedule provided in the report. Review the proposed irrigation upgrades in the report.
Fontana Water Co.	Inzunza	1		Fontana	No Test	0.05	33	58	0.00	Redesign layout of sprinklers, fix low and tilted sprinkler, add sprinklers to improve coverage, lower pressure regulator so pressure is not too low
Fontana Water Co.	Islas	1		Fontana	26%	0.05				adjust sprinklers to reduce overspray, add sprinkler in dry areas to improve head to head coverage, separate drip and spray, irrigate planter and turf material on separate stations
Fontana Water Co.	Ortega	1		Fontana		0.10	92	96	0.00	Increase DU by adjusting sprinkler placement for proper head to head coverage. Stay with one sprinkler type per zone.
City of Ontario	Rosas	1		Ontario	No Test	0.06	32	76	0.00	Fix broken sprinklers, add sprinklers and change layout to improve coverage, cap unnecessary sprinklers, use pressure regulator
City of Ontario	Reyes	1		Ontario	No Test	0.04	68	46	0.05	use VANs where needed, use taller risers, adjust sprinklers so they spray in the right direction, convert planter to drip, fix broken sprinklers, adjust pressure regulator for irrigation, move some sprinklers to improve coverage
City of Ontario	Gomez	1		Ontario	No Test	0.08	84	101	0.00	fix broken sprinklers, unclog sprinklers, make sure there is head to head coverage, too many sprinklers in turf area, fix tilted sprinklers, fix leaking valve
Ontario	Margaret	1		Ontario	65%	0.12	296	236	0.14	Adjust current irrigation schedule to the schedule provided in the LEAP report.
City of Ontario	Villa Park Landscape		7	Ontario	68%	8.03	31612	10185	49.19	decrease run times, fix broken and tilted sprinklers, use taller risers, convert planter material to drip
San Antonio Water Co.	Reinhart	1		Upland	No Test	0.16	198	202	0.00	use sprinklers with larger radius to improve head to head coverage, use mulch in planters, fix broken sprinklers, cap unnecessary sprinklers.
City of Upland	Welch	1		Upland	No Test	0.06	28	72	0.00	Keep planter and turf material separate, use VANs when needed, use correct arc angle nozzles, keep bubblers and spray on separate stations, use drip or microspray in small planters
City of Upland	Castillo	1		Upland	No Test	0.1	328	127	0.46	Reduce overspray, replace brass heads, fix broken sprinklers, cap unnecessary sprinklers, add sprinklers to improve coverage
City of Upland	Golden	1		Upland	57%	0.11	155	141	0.03	Add sprinklers to improve coverage, adjust sprinklers to reduce overspray, separate planter and turf material, replace valves, use VANs where needed, use mulch in planters
City of Upland	White	1		Upland		0.05	545	68	1.10	Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
City of Upland	Angellotti	1		Upland		0.05	23	57	0.00	Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
City of Upland	Bui	1		Upland		0.06	192	190	0.00	Fix any leaks or breaks, separate layout and turf material on two different stations, improve layout of sprinklers, cap unnecessary sprinklers and emitters

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City of Chino	Mariela	1		Chino	No Test	0.02	276	29	0.57	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Visser	1		Chino	No Test	0.05	1652	60	3.66	Fix any broken lines, heads, or valves, convert rotors to mp rotators, standardize all stations to one sprinkler type, improve sprinkler layout, mulch planters
City of Chino	Basile	1		Chino	No Test	0.09	159.00	114	0.10	Upgrade brass heads, replace broken sprinklers, reduce overspray, install backflow preventer.
City of Chino	Perez	1		Chino	58%	0.07	29	82	0.00	Improve DU in backyard by adding sprinklers, adjust rotors in front to reduce overspray, use one type of sprinkler, use mulch
City of Chino	Cypress Creek HOA		1	Chino	48%	1.64	3971	2017	4.49	Improve DU, fix broken lines and nozzles, adjust sprinklers, cut plants to avoid blockage, use taller risers where needed
City of Chino	Ivy	1		Chino	No Test	1.07	2505	1320	2.72	Use mulch, cut back on watering days
City of Chino Hills	McCarthy	1		Chino Hills	89%	0.07	160	90	0.16	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Bhatia	1		Chino Hills		0.03	80	42	0.09	Participate in all nozzle upgrade programs, fix any broken lines or heads, improve DU
City of Chino Hills	Carbajal	1		Chino Hills		0.05	51	66	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Patel	1		Chino Hills		0.12	90	142	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Cortez	1		Chino Hills		0.08	13	98	0.00	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Sorrentino	1		Chino Hills	No Test	0.07	80	82	0.00	Fix broken lines and heads, participate in all nozzle and rebate programs, use VANs for curved areas, adjust sprinklers to reduce overspray
City of Chino Hills	Tagatac	1		Chino Hills	No Test	0.05	132	57	0.17	Improve DU, use taller risers and cut away turf around sprinklers, Standardize all stations to one sprinkler type, separate shady and sunny microclimates onto separate stations, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Cao	1		Chino Hills	No Test	0.07	68	83	0.00	separate planter and turf material, remove turf in front yard, fix any broken sprinklers or nozzles, fix tilted sprinklers, fix high pressure, use variable arc nozzles where needed
City of Chino Hills	Arcot	1		Chino Hills	63%					add some sprinklers for better coverage, use mulch, convert planter to microspray, adjust sprinklers to reduce overspray
CVWD	De La Cruz	1		Fontana	No Test	0.06	17	68	0.00	Participate in rebate and nozzle programs, improve DU, cap unnecessary sprinklers, cover valves, reduce overspray by adjusting sprinklers
CVWD	Barndollar	1		Rancho Cucamonga	No Test	0.04	131	45	0.20	Use side strip nozzles, improve DU
CVWD	Giordano	1		Rancho Cucamonga		0.05	242	57	0.42	Put different plant material on separate stations, fix any leaks, convert planter to microspray, participate in nozzle programs
CVWD	Hodge	1		Rancho Cucamonga		0.11	230	140	0.21	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Ji	1		Rancho Cucamonga	No Test	0.07	-22	89	0.00	No test. Improve DU, improve layout of sprinklers, mulch planters, use side strip nozzles in parkways, replace leaking valves

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CVWD	Chavez	1		Rancho Cucamonga	No Test	0.03	200	38	0.37	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Adrianzen	1		Rancho Cucamonga	No Test	0.02	90	20	0.16	Repair broken and leaking sprinklers, clean clogged sprinklers, cap unnecessary sprinklers, make adjustments to reduce overspray, convert planters to microspray,
CVWD	Rowles	1		Fontana	20%	0.03	89	33	0.13	Improve DU, adjust layout of sprinklers, improve head to head coverage, use VAN for curved areas, cap unnecessary sprinklers
CVWD	Tabares	1		Rancho Cucamonga	No Test	0.04	125	47	0.18	Unclog sprinklers, fix tilted sprinkler, aerate soil, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Urquizu	1		Rancho Cucamonga	52%	0.24	175	298	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, add sprinklers to improve distribution uniformity, adjust sprinklers, install check valves
CVWD	Huang	1		Rancho Cucamonga	69%	0.12	97	154	0.00	Participate in rebate and nozzle programs, improve DU, cap unnecessary sprinklers, fix broken lines and heads, adjust sprinklers to reduce overspray
CVWD	Brown	1		Rancho Cucamonga	No Test	0.18	240	227	0.03	Standardize all stations to planter or turf material, participate in all nozzle upgrade programs, fix any broken lines or heads, adjust layout of sprinklers, use variable arc nozzles when needed.
CVWD	Caney	1		Rancho Cucamonga	No Test	0.13	133	156	0.00	fix any broken lines or heads and valves, keep sprinkler types separate, install check valves, change out brass sprinklers for newer, plastic ones, turn sprinklers down, use pressure regulator
CVWD	Muljadi	1		Rancho Cucamonga	No Test	0.05	6	58	0.00	Clean clogged sprinklers, adjust sprinklers to reduce overspray, use VANS where needed, make sure wires are connected so station turns on, fix leaking valve
MVWD	Garces	1		Montclair	No Test	0.07	178	89	0.20	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Sugermen	1		Montclair	No Test	0.10	197	128	0.16	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Snow	1		Montclair	No Test	0.03	86	44	0.10	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Morales	1		Montclair	No Test	0.03	20	38	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Noperi	1		Montclair	No Test	0.04	210	53	0.36	Repair line break, use only one type of sprinkler, raise low sprinklers
MVWD	Valenzuela	1		Montclair	No Test	0.20	206	243	0.00	Improve DU, add sprinklers, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Flores	1		Montclair	No Test	0.04	149	47	0.23	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add more stations/valves to help with low pressure.
MVWD	Hinojosa	1		Montclair	No Test	0.18	228	218	0.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, use taller risers for low sprinklers
MVWD	Do	1		Chino	No Test	0.12	122	146	0.00	Improve DU, standardize all stations to one sprinkler type, participate in nozzle upgrade programs, fix any broken lines or heads.

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Ross	1		Chino	No Test	0.11	282	134	0.34	Cap unnecessary sprinklers, standardize all stations to one sprinkler type, replace impact with rotors, adjust sprinkler to reduce overspray
MVWD	Wang	1		Chino	No Test	0.26	0	323	0.00	Fix any broken lines or heads, replace leaking valves, cap unnecessary sprinklers, decrease watering time for planter material, participate in all nozzle upgrade programs, adjust sprinklers to reduce overspray
MVWD	Sanchez	1		Montclair	No Test	0.05	49	66	0.00	Fix any broken lines or heads, cap unnecessary sprinklers, fix tilted sprinklers, repair leaking valves, use mulch in planters, adjust sprinklers to reduce overspray
MVWD	Venegas	1		Chino	60%	0.22	402	269	0.31	Fix line breaks, reduce minutes in planters, reduce irrigation days, fix any broken sprinklers, adjust sprinklers to reduce overspray, use mulch, convert planters to microspray
MVWD	Castlerock Villas Apartments		1	Montclair	No Test	2.17	4863	2673	5.03	Correct the watering schedule, adjust arc patterns, repair broken sprinklers. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Yakout	1		Fontana	No test	0.02	76	19	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Murphy	1		Fontana	No Test	0.37	320	460	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Jackson	1		Fontana	65%	0.08	181	101	0.18	Improve DU, install pressure regulator, Participate in all nozzle upgrade programs, fix any broken lines or heads, fix caps on capped sprinklers.
Fontana Water Co.	Arias	1		Fontana	No Test	0.12	181	145	0.08	Improve DU and head to head coverage with rotors, cover and repair valves, fix tilted sprinklers.
Fontana Water Co.	Black	1		Fontana	66%	0.06	22	71	0.00	Improve DU and head to head coverage, fix tilted sprinklers, use VANs where needed, fix any broken lines or sprinklers, convert planters to microspray, adjust layout, use sprinklers with a shorter radius
Fontana Water Co.	Cheney	1		Fontana	No Test	0.08	146	96	0.11	Fix broken sprinklers, adjust sprinklers, use VANs where needed, replace missing emitters on drip line, use taller risers
City of Ontario	Jauregui	1		Ontario	No Test	0.05	217	59	0.36	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Pohlman	1		Ontario	No Test	0.04	60	51	0.02	Standardize all stations to one sprinkler type, convert impact rotors to mp rotators, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Thompson	1		Ontario	No Test	0.11	155	132	0.05	Add sprinklers to improve DU, use taller risers in planters, separate planter and parkway into separate stations.
City of Ontario	Arredondo	1		Ontario	64%	0.15	364	185	0.41	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, convert turf in parkway to planter, use high pressure compensating nozzles, fix solenoid on valve
City of Ontario	Ramos	1		Ontario	No Test	0.13	0	155	0.00	Improve layout of sprinklers, use mulch in planters, fix any broken lines or heads.
City of Ontario	Coggiola	1		Ontario	No Test	0.06	11	69	0.00	Fix any broken lines or heads, adjust sprinklers, separate turf and planter material, add sprinklers to improve distribution uniformity

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City of Ontario	Marrs	1		Ontario	No Test	0.03	78	35	0.10	Improve head to head coverage, fix tilted sprinklers, fix broken and leaky sprinklers, add sprinklers to improve DU, cap unnecessary sprinklers, separate planter and turf material onto separate stations
City of Ontario	Shea Properties		7	Ontario	No Test	8.05	24218	9918	32.83	
City of Ontario	Briggs	1		Ontario	62%	0.07	586	166	1	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
San Antonio Water Co.	Waller	1		Upland	No Test	0.16	707	195	1.11	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
City of Upland	Allmazan	1		Upland	No Test	0.12	245	153	0.21	Correct tilted sprinklers, repair leaking sprinklers, check microspray regularly
City of Upland	Andersen	1		Upland	43%	0.08	159	103	0.13	Improve DU, switch to microspray or drip in planter to avoid overspray, use pressure regulator, add and adjust layout of sprinklers to improve DU
City of Upland	Klotzsche	1		Upland	72%	0.09	103	104	0.00	Adjust height of valves, convert standard spray to mp rotators to keep sprinkler type uniform, add mulch to planters, remove section of turf or change layout of sprinkler.
City of Upland	Sanchez	1		Upland	No Test	0.15	271	185	0.20	Fix any leaks or breaks, separate plant and turf material on two different stations, improve layout of sprinklers, cap unnecessary sprinklers and emitters
City of Upland	Johnson	1		Upland	50%	0.11	411	137	0.63	Improve DU, switch to microspray or drip in planter to avoid overspray, separate planter and turf material onto separate stations, turn down and adjust sprinklers to reduce overspray, fix any leaks or broken sprinklers
City of Upland	Wade	1		Upland	No Test	0.07	56	81	0.00	Fix leaking sprinklers and valve, connect wires correctly so station turns on with controller, add sprinklers to improve coverage, aerate soil, use VANs where needed

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City of Chino	Orihuela	1		Chino	No Test	0.03	47	33	0.03	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Guerra	1		Chino	No Test	0.12	389	146	0.56	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Sandrik	1		Chino	No Test	0.06	192	68	0.28	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Campos	1		Chino	0.55	0.12	Unknown	Unknown	Unknown	Upgrade brass heads, replace broken sprinklers, reduce overspray, install backflow preventer.
City of Chino	Anker	1		Chino	0.38	0.12	34	147	0	Increase available pressure, use only one type of sprinkler per zone, reduce spray radius to prevent overspray, separate turf and shrubs on individual stations
City of Chino	Venegas	1		Chino	0.55	0.08	Unknown	Unknown	Unknown	Add sprinkler to increase efficiency, reduce lawn thatch, repair and unclog sprinklers, use pressure regulator
City of Chino	Gariador	1		Chino	0.16	0.2	709	250	1.05	Cut back plants to allow sprinklers to irrigate properly, repair stuck and leaking rotors, reduce overspray.
City of Chino	Keulian	1		Chino	No Test	0.04	46	47	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Garibay	1		Chino	0.61	0.24	335	299	0.08	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Anker	1		Chino	0.68	0.1	49	118	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Everman	1		Chino	0.63	0.12	186	147	0.09	Cut back plants to allow sprinklers to irrigate properly, repair stuck and leaking rotors, reduce overspray.
City of Chino	Henderson	1		Chino	No Test	0.02	73	30	0.1	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Gonzalez	1		Chino	0.64	0.23	229	278	0	Cut back plants to allow sprinklers to irrigate properly, repair stuck and leaking rotors, reduce overspray.
City of Chino	Wiess	1		Chino	No Test	0.07	138	83	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Braviroff	1		Chino	No Test	0.14	316	176	0.32	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Zwick	1		Chino	No Test	0.06	65	68	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Roque	1		Chino	No Test	0.09	74	110	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Ellis	3		Chino	72%	4.44	12592	5468	16.36	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

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City of Chino Hills	Garvin	1		Chino Hills	No Test	0.03	7	36	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Duran	1		Chino Hills	No Test	0.07	183	86	0.22	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Patel	1		Chino Hills	No Test	0.10	122	120	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Saputra	1		Chino Hills	No Test	0.04	53	45	0.02	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Lin	1		Chino Hills	No Test	0.31	295	381	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Vasquez	1		Chino Hills	No Test	0.15	112	181	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Kirk	1		Chino Hills	No Test	0.04	25	56	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Zaporte	1		Chino Hills	No Test	0.03	146	33	0.26	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Oakes	1		Chino Hills	No Test	0.87	776	1066	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Chou	1		Chino Hills	No Test	0.04	180	53	0.29	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Chou	1		Chino Hills	No Test	0.03	121	39	0.19	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Keung	1		Chino Hills	No Test	0.02	22	26	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Marem	1		Chino Hills	24%	0.06	31	74	0.01	New customer. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Bean	1		Chino Hills	No test	0.05	131	68	0.14	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Hilbbert	1		Chino Hills	57%	0.07	143	82	0.14	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Chen	1		Chino Hills	No Test	0.347658402	410	337	0.167599754	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Linden	1		Chino Hills	No test	0.096694215	250	119	0.300761203	Cut back plants blocking sprinklers, fix broken sprinklers, reduce watering times.
City of Chino Hills	Pirruccello	1		Chino Hills	0.71	0.056932966	89	70	0.043621854	Convert planters to microspray, reduce overspray, repair broken sprinklers.

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City of Chino Hills	Pickett	1		Chino Hills	39%	0.15	174	190	0.00	Replace brass heads, repair broken and leaking sprinklers, use check valves, cut back plant material, use taller sprinkler risers, cap redundant sprinklers, use pressure regulator.
City of Chino Hills	Seebalac	1		Chino Hills	9%	0.02	Unknown	Unknown	Unknown	Cut back plant material, repair leaking and broken sprinklers, replace missing nozzles, reduce overspray, use variable-arc nozzles for curved areas, cap unnecessary sprinklers, reconnect missing microspray lines
City of Chino Hills	Dillingham	1		Chino Hills	No Test	0.10	120	118	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Irani	1		Chino Hills	51%	0.05	147	64	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Hagenson	1		Chino Hills	No Test	0.09	382	112	0.62	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Neal	1		Chino Hills	No Test	0.05	169	57	0.26	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Warner	1		Chino Hills	56%	0.15	484	180	0.70	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Kolar	1		Chino Hills	No Test	0.06	82	75	0.02	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Gillis	1		Chino Hills	No Test	0.05	150	68	0.19	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Smith	1		Chino Hills	No Test	0.18	115	102	0.03	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Grant	1		Chino Hills	No Test	0.12	280	147	0.31	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Scott	1		Chino Hills	No Test	0.05	38	60	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Benson	1		Chino Hills	No Test	0.09	193	105	0.20	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Linder	1		Chino Hills	No Test	0.07	200	82	0.27	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Lee	1		Chino Hills	No Test	0.29	294	361	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Oakridge HOA		4	Chino Hills	No Test	4.708080808	9226	5803	7.858821363	Repair broken sprinklers and lines, cut back plant material or raise sprinklers above shrubs, upgrade to weather sensor enabled controllers.
City of Chino Hills	Canyon Hills HOA		21	Chino Hills	No Test	22.76170799	25158	18035	16.35360344	Cap redundant sprinklers, repair broken lines and sprinklers, cut back plant material blocking sprinkler arc, match rotors to slope angle.
City of Chino Hills	Hampton Manor HOA		1	Chino Hills	No Test	1.06	7600	1310	14.44112953	Reduce overspray, lower pressure, cap redundant sprinklers, reduce times on stations in shade.



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CVWD	Robinson	1		Rancho Cucamonga	No Test	0.08	336	98	0.55	Move blocked sprinklers, increase DU, use correct nozzles.
CVWD	Hasan	1		Rancho Cucamonga	No Test	0.11	417	140	0.64	Turn down bubblers, lower overspray, correct tilted sprinklers, cap redundant sprinklers
CVWD	Lapointe	1		Rancho Cucamonga	No Test	0.15	358	185	0.40	Reduce overspray, change sprinkler layout, use variable-arc nozzles on curved areas, flush out sprinklers.
CVWD	Gordon	1		Rancho Cucamonga	No Test	0.13	362	162	0.46	Cap redundant sprinklers, aerate soil on slopes, fix broken sprinkler line.
CVWD	Lemos	1		Rancho Cucamonga	No Test	0.12	312	147	0.38	Use sprinklers with the same PR on each stations, use variable-arc nozzles for curved edges, flush out sprinklers.
CVWD	Martino	1		Rancho Cucamonga	0.42	0.087878788	200	108	0.211221608	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Dooley	1		Rancho Cucamonga	No Test	0.18379247	391	227	0.376525476	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Rodriguez	1		Rancho Cucamonga	0.48	0.060789715	107	74	0.075764273	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Roriguez	1		Rancho Cucamonga	No Test	0.082736455	383	102	0.64514426	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Cox	1		Rancho Cucamonga	0.37	0.12	234	154	0.18	Cut back plant material, use taller risers for low sprinklers, use vans for curved areas, use sidestrips on narrow areas.
CVWD	Just	1		Rancho Cucamonga	No Test	0.03	122	42	0.18	Repair broken and leaking sprinklers, clean clogged sprinklers, keep turf and shrubs on separate stations, use pressure regulator
CVWD	Stafford	1		Rancho Cucamonga	No Test	0.04	45	27	0.04	Replace brass sprinklers, use pressure regulator, use check valves, repair leaking sprinklers, reduce overspray
CVWD	Liu	1		Rancho Cucamonga	0.32	0.27	718	334	0.88	Use only one sprinkler type per zone, repair broken and leaking sprinklers, cap unnecessary sprinklers, cut back plant material
CVWD	Kapoor	1		Rancho Cucamonga	0.33	0.06	107	78	0.07	Install pressure regulator, cut back plant material, repair broken and leaking sprinklers, repair valve, clean clogged sprinklers,
CVWD	Lee	1		Alta Loma	No Test	0.58	249	309	0	Reduce the number of sprinklers on station 1 and add a valve, reduce overspray, install pressure regulator, repair broken and leaking sprinklers, correct tilted sprinklers, use vans on curved areas, replace brass heads, reduce thatch, keep turf and shrubs on separate stations
CVWD	Glascott	1		Alta Loma	No Test	0.23	441	230	0.48	Repair broken and leaking sprinklers, clean clogged sprinklers, cap unnecessary sprinklers, make adjustments to reduce overspray, fix tilted sprinklers, Cut back plant material, use taller risers for low sprinklers or relocate to reduce blockage.
CVWD	Quintal	1		Ontario	No Test	0.15	420	159	0.60	Repair broken and leaking sprinklers, clean clogged sprinklers, cap unnecessary sprinklers, make adjustments to reduce overspray, fix tilted sprinklers, Cut back plant material, use taller risers for low sprinklers or relocate to reduce blockage.

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CVWD	Kowalewski	1		Rancho Cucamonga	15%	0.27	435	333	0.23	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Banuelos	1		Rancho Cucamonga	46%	0.06	164	80	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Wepplo	1		Rancho Cucamonga	No Test	0.21	905	262	1.48	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Wepplo	1		Rancho Cucamonga	No Test	0.20	1102	250	1.96	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Cobalt	1		Rancho Cucamonga	No Test	0.34	302	416	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Bryan	1		Rancho Cucamonga	80%	0.17	707	215	1.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Young	1		Rancho Cucamonga	No Test	0.25	512	304	0.48	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Rawlings	1		Rancho Cucamonga	No Test	0.06	96	70	0.06	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Hehamen	1		Rancho Cucamonga	No Test	0.05	300	68	0.53	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Costas	1		Rancho Cucamonga	No Test	0.09	401	105	0.68	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Olson	1		Rancho Cucamonga	No Test	0.15	394	185	0.48	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Cheung	1		Rancho Cucamonga	No Test	0.03	125	35	0.21	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Green	1		Rancho Cucamonga	No Test	0.17	125	215	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Leber	1		Rancho Cucamonga	No Test	0.03	87	40	0.11	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Foothill	1		Rancho Cucamonga	54%	0.82	4316	1017	7.39	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Office	1		Rancho Cucamonga	0.36	0.545224977	1984	672	3.012203806	Fix broken sprinklers, use lower PR sprinklers or bubblers on shrubs, flush out sprinklers often
CVWD	Meadowood Village HOA		7	Rancho Cucamonga	No Test	8.03	13380	9903	7.98	Plan drawn up for multi-phase turf removal
CVWD	De Beers Watch Bands		1	Rancho Cucamonga	No Test	0.14	595	169	0.98	Repair broken and leaking sprinklers, repair leaking valves, reduce overspray, use vans on curved areas, clean clogged sprinklers, cut back plant material

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Sandrik	1		Chino	No Test	0.055991736	192	68	0.284689994	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Thorp	1		Montclair	No Test	0.1	231	127	0.37	Repair line break, use only one type of sprinkler, raise low sprinklers
MVWD	Huffman	1		Ontario	No Test	0.14	323	170	0.35	Use only one type of sprinkler, separate plant material, use vans on round areas, turn down sprinkler radius, raise low sprinklers, use microspray on planter
MVWD	Walker	1		Montclair	0.62	0.089279155	307	110	0.452289748	Install pressure regulator, use correct heads, replace brass heads, repair leaking sprinklers
MVWD	Carson	1		Montclair	0.63	0.068411387	148	84	0.146936771	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add more stations/valves to help with low pressure.
MVWD	Hsu	1		Montclair	0.23	0.056198347	67	68	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Williams	1		Montclair	0.67	0.04651056	237	57	0.413259669	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Newton	1		Montclair		0.03859045	39	46	0	Make sure microspray tubing is attached, reduce overspray, repair broken nozzles
MVWD	Ponce	1		Montclair	0.45	0.162052342	520	200	0.734683855	Reduce overspray, correct tilted sprinklers, use VANS for curved edges
MVWD	Penado	1		Montclair		0.042470156	320	53	0.613001842	Use taller risers for low sprinklers, cut back plant material, use a pressure regulator, reduce sprinkler radius, repair leaking sprinklers, use vans on curved areas,
MVWD	Tarango	1		Montclair	0.67	0.066184573	62	82	0	Cap unnecessary sprinklers, reduce sprinkler radius, install pressure regulator, repair leaking valve, convert planter to microspray, repair broken and leaking sprinklers
MVWD	Guerra	1		Montclair		0.046418733	127	57	0.160712093	Replace bad valve, cut back plant material, repair leaking sprinklers, replace brass heads, reduce sprinkler radius
MVWD	Rodriguez	1		Montclair	0.32	0.057644628	44	72	0	Correct tilted sprinklers, install pressure regulator, repair leaking valve
MVWD	Flores	1		Montclair		0.09				Use one type of sprinkler per station, replace brass heads, adjust sprinklers so they're irrigating plant material only, adjust spray radius, cap unnecessary emitters
MVWD	Curtis	1		Montclair	0.47	0.1				Fix leaks and breaks to increase available pressure, correct tilted sprinklers, use check valves, repair leaking valve, clean and fix rotor that isn't rotating, clean clogged sprinklers, replace missing sprinkler nozzle
MVWD	Anderson	1		Montclair	0.66	0.05				Replace missing nozzles, reduce sprinkler radius, adjust sprinklers so they're irrigating only plant material, use correct nozzles on corners, clean clogged sprinklers

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Roman	1		Montclair	No Test	0.06	234	72	0.37	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Camara	1		Montclair	No Test	0.09	67	117	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Owens	1		Montclair	No Test	0.02	137	29	0.25	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Ledesma	1		Montclair	No Test	0.04	228	56	0.39	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Stofferahn	1		Chino	No Test	0.15	520	184	0.77	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Landin	1		Montclair	No Test	0.08	2	94	0	New customer, No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	David	1		Montclair	No Test	0.05	62	68	0	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Bowman	1		Montclair	No Test	0.04	419	47	0.85	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Capetillo	1		Montclair	No Test	0.08	102	101	0	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Celio	1		Montclair	No Test	0.07	98	91	0.02	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Vazir	1		Montclair	No Test	0.07	113	91	0.05	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Galindo	1		Montclair	No Test	0.11	260	133	0.29	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Diaz	1		Montclair	No Test	0.15	47	176	0	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Gluck	1		Chino	No Test	0.19	392	235	0.36	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Strikeforce Softball		1	Chino (Unincorporated)	No Test	0.642102847	1049	792	0.590042971	Correct the watering schedule, adjust arc patterns, repair broken sprinklers. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Nerchain	1		Fontana	No Test	0.07	0	82	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Le	1		Fontana	No Test	0.09	106	104	0	
Fontana Water Co.	Roebuck	1		Fontana	No Test	0.09	185	104	0.19	

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Fontana Water Co.	Morrison	1		Fontana	No Test	0.03	108	44	0.15	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Neemuchwala	1		Ontario	No Test	0.07	0	82	0	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Angel	1		Ontario	No Test	0.02	9	27	0	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Huffman	1		Ontario	No Test	0.13	439	159	0.64	Reduce pressure, reduce overspray, use VANS on curved edges.
City of Ontario	Murillo	1		Ontario		0.06	155	74	0.185966851	Repair broken sprinklers, correct sprinkler layout, repair rear irrigation valve
City of Ontario	Gerstein	1		Ontario	0.6	0.38	534	464	0.16	Use only one type of sprinkler per station, keep turf and shrubs on individual stations, use microspray in planters, repair or replace broken sprinklers, install an additional valve for shaded areas, plants and reduce watering times
City of Ontario	Watkins	1		Ontario	0.33	0.06	47	68	0	Cut back plant material, repair leaking and broken sprinklers, clean clogged sprinklers,
City of Ontario	Kooiman	1		Ontario	No Test	0.09	313	114	0.46	Install pressure regulator, repair leaking sprinkler, replace nozzles with precision spray, use rotators for large areas,
City of Ontario	Barragan	1		Ontario	No Test	0.14	298	206	0.21	Install pressure regulator, separate plant materials to be irrigated on individual valves
City of Ontario	Perez	1		Ontario	No Test	0.07	215	86	0.3	Reduce sprinkler radius, use only one sprinkler type per station, replace brass nozzles, use check valves, clean clogged sprinklers
City of Ontario	Munos	1		Ontario	No Test	0.09	113	77	0.08	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Reyes	1		Ontario	0.49	0.08	159	99	0.14	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Sneed	1		Ontario	No Test	0.07	454	84	0.85	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Sandoval	1		Ontario	No Test	0.08	67	101	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Rannis	1		Ontario	No Test	0.06	165	69	0.22	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Wilson	1		Ontario	No Test	0.04	260	55	0.47	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Kyle	1		Ontario	No Test	0.07	110	86	0.06	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Chiu	1		Ontario	No Test	0.04	0	53	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.

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City of Ontario	Aguilera	1		Ontario	No Test	0.01	24	18	0.01	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Bradshaw	1		Ontario	No Test	0.04	165	48	0.27	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Novosel	14		Ontario	0.52	15.27	35341	18817	37.94	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Grace Yokley Middle School		8	Ontario	No Test	8.91	22255	10979	25.89	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Mountain View Elementary		4	Ontario	No Test	4.79	12018	5903	14.04	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Creek View Elementary		6	Ontario	No Test	7.37	16891	9083	17.93	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	First Edition HOA		1	Ontario	No Test	2.19	19642	2699	38.9	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Ranch View Elementary		3	Ontario		3.65	11426	4501	15.9	
City of Ontario	Gallegos	1		Ontario		0.84	2796	1033	4.05	
City of Ontario	De	3		Ontario	No Test	3.76	6447	4627	4.18	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Schwab	1		Ontario	No Test	1.72	-4066	2122	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
San Antonio Water Co.	Menerey	1		Upland	No Test	0.19	359	236	0.28	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Baur	1		Upland	No Test	0.23	725	274	1.04	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Hibbard	1		Upland	No Test	0.09	201	113	0.2	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Araujo	1		Upland	No Test	0.21	943	262	1.56	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Sheard	1		Upland	No Test	0.14	199	168	0.07	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Bricker	1		Upland	No Test	0.07	127	81	0.11	Correct tilted sprinklers, repair leaking sprinklers, check microspray regularly
City of Upland	Ritchie	1		Upland	No Test	0.04	140	51	0.2	Repair leaking sprinklers, reduce overspray,
City of Upland	Gonzales	1		Upland	0.28	0.1	216	118	0.224996931	Reduce overspray, replace brass heads, change sprinkler layout in back yard,
City of Upland	Brotzman	1		Alta Loma		0.261271809	211	161	0.114794352	Convert shrub irrigation to microspray, use only one type of sprinkler for each station, repair broken and leaking sprinklers, turn GPM down on bubblers, install pressure regulator,
City of Upland	Franz	1		Upland	0.45	0.145431589	462	199	0.603818293	Repair leaking sprinklers, raise low sprinklers, use correct nozzles, adjust sprinklers to irrigate only turf material, use vans on curved areas, cut back plant material
City of Upland	Richmond	1		Upland		0.127318641	351	157	0.445402087	Correct tilted sprinklers, install pressure regulator, use only one type of sprinkler, cut back plant material, repair leaking sprinklers, repair leaking valves, use 180s instead of sidestrips, raise low sprinklers
City of Upland	Anderson	1		Upland	0.41	0.06				Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
City of Upland	Hessabi	1		Upland	No Test	0.07	154	83	0.16	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Upland	Engles	1		Upland	No Test	0.04	185	55	0.3	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Upland	Water Facilities Authority		1	Upland	0.28	0.095730028	216	118	0.224996931	Repair torn drip line, reduce overspray, make sure sprinkler types are uniform,
City of Upland	Mountain Villas HOA		1	Upland	0.5	1.95	661	2406	9.65	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Lopez	1		Chino	NA	0.10	74	119	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Rhodes	1		Chino	68%	0.12	171	127	0.10	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Hu	1		Chino Hills	NA	0.06	55	76	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Huang	1		Chino Hills	NA	0.26	403	322	0.19	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Saccone	1		Chino Hills	No test	0.11	81	134	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Bryant	1		Chino Hills	65%	0.23	162	282	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads.
City of Chino Hills	Rogers	1		Chino Hills	36%	0.14	160	169	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads.
City of Chino Hills	Donald	1		Chino Hills	No test	0.18	85	220	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads.
City of Chino Hills	Surdam	1		Chino Hills	No test	0.25	162	304	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads.
City of Chino Hills	Spohn	1		Chino Hills	57%	0.07	228	90	0.32	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads. Install pressure regulator.
City of Chino Hills	Wilsey	1		Chino Hills	42%	0.13	273	162	0.25	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads. Install pressure regulator.
City of Chino Hills	Spencer	1		Chino Hills	75%	0.08	133	101	0.07	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads. Install pressure regulator.
City of Chino Hills	Phan	1		Chino Hills	No Test	0.03	90	35	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, participate in rebates, fix any broken lines or heads. .
City of Chino Hills	Hampton Court HOA		1	Chino Hills	No Test	1.44	4733	1774	6.79	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Marsden	1		Alta Loma	60%	0.30	672	365	0.57	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Balderrama	1		Rancho Cucamonga	74%	0.15	787	185	1.38	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Courey	1		Rancho Cucamonga	68%	0.33	609	412	0.45	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.



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CVWD	San Miguel	1		Rancho Cucamonga	NA	0.10	117	125	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Read	1		Rancho Cucamonga	No test	0.08	NA	101	0.00	New customer, no history for this customer. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Jones	1		Fontana	64%	0.06	216	72	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Spohn	1		Rancho Cucamonga	55%	0.44	672	536	0.31	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Murti	1		Montclair	39%	0.03	252	44	0.20	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Ajmal	1		Montclair	51%	0.12	228	150	0.18	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add more stations/valves to help with low pressure.
MVWD	Flores	1		Montclair	NA	0.08	133	105	0.06	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add more stations/valves to help with low pressure.
MVWD	Gonzalez	1		Montclair	62%	0.11	104	60	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Maxwell	1		Montclair	48%	0.09	376	115	0.60	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Hoggatt	1		Montclair	71%	0.09	139	116	0.05	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Robbins	1		Chino	No test	0.30	491	368	0.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Hicks	1		Montclair	48%	0.07	134	89	0.10	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add more stations/valves to help with low pressure.
MVWD	Chang	1		Montclair	51%	0.05	269	60	0.48	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Perez	1		Montclair	No Test	0.04	159	45	0.26	Fix any broken lines or heads. Adviced on weed control. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Lupe	1		Montclair	60%	0.10	260	120	0.32	Fix any broken lines or heads. Adviced on weed control. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Butz	1		Montclair	No Test	0.19	5	235	0.00	Fix any broken lines or heads. Adviced on weed control. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Cust. Not been living in property for entire year, not enough water usage history.

FY 13/14 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Flores	1		Montclair	No test	0.07	120	90	0.07	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Castillo	1		Montclair	46%	0.07	325	91	0.54	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Fuentes	1		Montclair	53%	0.08	351	98	0.58	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Fernandez	1		Montclair	No Test	0.10	145	118	0.06	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Ortiz	1		Montclair	No Test	0.13	53	159	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Foster	1		Chino	No Test	0.21	349	261	0.20	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add irrigation controller to his irrigation system.
MVWD	Agundez	1		Chino	No Test	0.11	133	140	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Orozco	1		Montclair	68%	0.05	23	58	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Guzman	1		Montclair	No Test	0.04	67	44	0.05	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads. Add irrigation controller to his irrigation system.
Fontana Water Co.	Green	1		Fontana	NA	0.02	144	50	0.21	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Powell	1		Fontana	No Test	0.04	0	55	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Quinlan	1		Fontana	No Test	0.19	180	235	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Lee	1		Fontana	31%	0.10	449	118	0.76	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	West	1		Fontana	No Test	0.09	110	114	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Rovere	1		Fontana	No Test	0.10	303	127	0.40	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Thompson	1		Fontana	No Test	0.11	173	132	0.09	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 13/14 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Ontario	Freeman	1		Ontario	91%	0.06	251	77	0.10	DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Perez	1		Ontario	No Test	0.18	0	226	0.00	No test done, no water history available. DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Raymond	1		Ontario	84%	0.13	136	156	0.00	DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Martinez	1		Ontario	No Test	0.08	51	103	0.00	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Duran	1		Ontario	58%	0.09	110	113	0.01	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Coxen	1		Ontario	No test	0.12	101	60	0.00	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Gomez	1		Ontario	No test	0.09	182	115	0.15	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Ariza	1		Ontario	No test	0.09	279	120	0.39	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Ochoa	1		Ontario	No Test	0.05	130	68	0.07	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Mason	1		Ontario	No Test	0.12	120	148	0.00	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Ortiz	1		Ontario	No test	0.01	132	127	0.01	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Munoz	1		Ontario	67%	0.06	74	74	0.00	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Thomas	1		Ontario	No Test	0.06	107	74	0.08	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Farkas	1		Ontario	43%	0.08	96	100	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Cotter	1		Ontario	No Test	0.03		31	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Garza	1		Ontario	No Test	0.11	529	140	0.89	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Oakmont Greystone Industrial Park O.A.		1	Ontario	62%	0.76	2102	941	2.67	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, make adjustments to nozzles.

FY 13/14 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Ontario	Oakmont Greystone Industrial Park O.A.		1	Ontario	68%	0.82	1637	1011	1.44	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Oakmont Greystone Industrial Park O.A.		1	Ontario	No test	1.53	4432	1888	5.84	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Gerardi	1		Upland	No Test	0.29	474	359	0.26	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
City of Upland	Runner	1		Upland	58%	0.30	811	366	1.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Yamamoto	1		Upland	61%	0.28	524	347	0.41	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Wenger	1		Upland	41%	0.12	460	147	0.72	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Chapman	1		Upland	16%	0.15	715	190	1.21	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Cobbs	1		Upland	No test	0.28	1071	340	1.68	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Schulteis	1		Upland	No test	0.12	373	60	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Shiba	1		Upland	No test	0.33	914	404	1.17	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Sperly	1		Upland	69%	0.17	348	213	0.31	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Bertotto	1		Upland	No Test	0.31	772	377	0.91	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.No test, too many issues with distribution.
City of Upland	Knudtson	1		Upland	No Test	0.18	240	227	0.05	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.No test, too many issues with distribution.

FY 12/13 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Berndt	1		Chino	53%	0.08	108	102	0.01	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Stare	1		Chino Hills	No Test	0.35	53	428	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Hardman	1		Chino Hills	44%	0.46	351	569	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Redsar	1		Rancho Cucamonga	NA	0.05	28	63	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Lopez	1		Rancho Cucamonga	44%	0.04	99	46	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Peltz	1		Rancho Cucamonga	57%	0.17	104	211	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Jebbia	1		Rancho Cucamonga	68%	0.20	353	244	0.25	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Gibbons	1		Rancho Cucamonga	NA	0.30	389	362	0.06	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Pasquarelli	1		Alta Loma	61%	0.07	171	86	0.20	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Minor	1		Rancho Cucamonga	56%	0.08	154	58	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Coppi	1		Alta Loma	47%	0.25	514	306	0.52	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Snook	1		Rancho Cucamonga	NA	0.26			0.31	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Dudziak	1		Rancho Cucamonga	30%	0.43	1777	523	2.47	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Flores	1		Rancho Cucamonga	42%	0.07	199	88	0.25	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Buquet	1		Rancho Cucamonga		0.02	204	29	0.40	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Markland	1		Rancho Cucamonga		0.10	141	126	0.03	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Spetnagel	1		Rancho Cucamonga		0.04	252	44	0.49	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Dudziak	1		Rancho Cucamonga	30%	0.43	1777	523	2.47	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 12/13 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Payne	1		Ontario	69%	0.09	409	103	0.70	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Mackie	1		Rancho Cucamonga	39%	0.14	510	168	0.79	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Lim	1		Rancho Cucamonga	No Test	0.81	343	998	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Park	1		Rancho Cucamonga		3.25	12476	4007	19.44	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Bibeau	1		Rancho Cucamonga	57%	0.12	145	148	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Perales	1		Rancho Cucamonga	60%	0.05	201	60	0.33	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Seirafi	1		Rancho Cucamonga	63%	0.18	272	220	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Lee	1		Rancho Cucamonga	62%	0.35	474	430	0.10	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Skuse	1		Alta Loma		0.23	661	283	0.87	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Shih	1		Rancho Cucamonga		0.07	135	89		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	La	1		Rancho Cucamonga	59%	0.17	259	208	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Olsavsky	1		Rancho Cucamonga	63%	0.05	56	58	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Buquet	1		Rancho Cucamonga	57%	1.15	5074	1422	8.38	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Velasco	1		Fontana	44%	0.03	109	30	0.18	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Rodriguez	1		Fontana		0.03	189	40	0.34	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Anklam	1		Chino	56%	0.24	124	288	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Torok	1		Chino	49%	0.38	1141	455	1.57	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Chapman	1		Chino	53%	0.73	1341	883	1.05	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 12/13 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Khosroshahin	1		Montclair	NA	0.11	418	126	0.53	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Gonzalez	1		Montclair	No Test	0.11	195	138	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Sombara	1		Montclair	54%	0.15	185	177	0.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Valencia	1		Montclair	No Test	0.03	54	39	0.03	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Ponce	1		Ontario	No Test	0.04	325	45	0.73	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Cohen	1		Upland	NA	0.14	504	166	0.57	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Cohen	1		Upland	NA	0.14	504	166	0.57	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Cohen	1		Upland	NA	0.14	504	166	0.57	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Patel	1		Upland	NA	1.20	2352	1475	2.01	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Goetz	1		Upland	No Test	0.39	566	486	0.18	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Brandt	1		Upland	47%	0.54	1545	666	2.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Bastian	1		Upland	61%	0.05	424	68	0.82	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 11/12 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Schnelle	1		Chino	74%	0.06	153	69	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Leila	1		Chino	N/A	0.05	66	67	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Robert	1		Chino	43%	0.09	173	104	0.29	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Dianna	1		Chino	51%	0.06	105	80	0.06	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Sandel	1		Chino Hills	No Test	0.06	N/A New Owner	77	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Parc Place HOA		1	Chino Hills	67%	1.46	2008	1290	1.65	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Venegas	1		Chino Hills	No Test	0.01	0	0	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Fabis	1		Alta Loma	No Test	0.08	244	96	0.34	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Sarvari	1		Rancho Cucamonga	47%	0.05	70	62	0.02	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Afkhami	1		Rancho Cucamonga	65%	0.16	727	198	1.21	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Hamai	1		Rancho Cucamonga	54%	0.14	485	174	0.71	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Hartman	1		Rancho Cucamonga	64%	0.05	83	66	0.04	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Birch	1		Fontana	No Test	0.10	231	118	0.26	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Ponds	1		Rancho Cucamonga	No Test	0.06	113	69	0.10	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Howard	1		Rancho Cucamonga	No Test	0.04	89	140	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Woodside HOA		1	Rancho Cucamonga	60%	1.02	5652	1264	10.07	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Gerdes	1		Rancho Cucamonga	NA	0.37	422	447	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU



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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Lerette	1		Rancho Cucamonga	NA	0.08	65	96	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Lopez	1		Montclair	63%	0.27	423	329	0.22	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	MVWD Plant 1		1	Montclair	57%	0.30	422	104	0.73	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 2		1	Montclair	53%	0.15	345	161	0.42	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 10		1	Montclair	No Test	0.00	18	24	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 16		1	Montclair	75%	2.45	3,841	4,258	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 16		1	Montclair	75%	1.00	3,841	4,258	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 19		1	Montclair	51%	0.15	167	157	0.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 31		1	Montclair	No Test	0.09	1,438	104	3.06	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD Plant 32		1	Montclair	No Test	0.03	91	39	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD		1	Montclair	No Test	0.09	227	104	0.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD		1	Montclair	No Test	0.27	199	337	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	MVWD		1	Montclair	No Test	0.09	82	114	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	MVWD		1	Montclair	50%	0.44	502	317	0.49	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Brannan	1		Montclair	79%	0.09	279	105	0.40	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Garcia	1		Montclair	55%	0.15	495	190	0.70	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Herrera	1		Montclair	63%	0.05	88	64	0.06	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Gulizia	1		Pomona	No Test	0.07	59	82	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

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MVWD	Mozanquites	1		Montclair	71%	0.07	187	89	0.22	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Omni	1		Montclair	51%	0.14	395	170	0.52	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Sandra	1		Chino	52%	0.22	405	264	0.32	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Stephanie	1		Montclair	N/A	0.24	474	300	0.40	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Jose	1		Montclair	64%	0.08	213	93	0.32	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Rosa	1		Chino	NA	0.32	913	396	1.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Marcelo	1		Ontario	56%	0.09	263	104	0.37	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Reynoso	1		Montclair	41%	0.06	105	76	0.07	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Lerette	1		Montclair	NA	0.07	65	83	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Wolf	1		Fontana	62%	0.46	735	572	0.37	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Thomas	1		Fontana	55%	0.13	280	156	0.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Costco		1	Fontana	No Test	0.68	6917	833	13.97	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Tommy	1		Fontana	47%	0.03	159	39	0.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Joyce	1		Fontana	57%	0.15	340	187	0.35	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Southern California Bindery		1	Fontana	NA	0.24	417	293	0.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Southern California Bindery		1	Fontana	NA	0.22	688	270	0.96	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Amer	1		Fontana	66%	0.03	68	34	0.08	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Magana	1		Fontana	57%	0.04	53	46	0.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

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SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Ontario	Anthony Munoz Park - Soccer Park		1	Ontario	Waiting for additional info from City	2.00	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Anthony Munoz Park - Soccer Park		1	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Archibald Underpass		1	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	De Anza Park - Soccer Field		1	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Eculid Median - Francis to Philadelphia		1	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Eculid Median - Francis to Philadelphia		1	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Eculid Median - Francis to Philadelphia		1	Ontario	Waiting for additional info from City	3.36	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Jepson	1		Ontario	No Test	0.18	493	224	0.62	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Mountain Vista HOA		1	Ontario	66%	0.42	1355	512	1.76	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Alvarado	1		Ontario	70%	0.06	93	71	0.05	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Thompson	1		Ontario	63%	0.11	308	131	0.24	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	J W Mitchell LLC		1	Ontario	52%	0.39	2228	479	4.02	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Coca-Cola		1	Ontario	51%	2.11	4960	2602	5.41	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Hassanzadeh	1		Upland	65%	0.19	More info needed	More info needed	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Abraham	1		Upland	55%	0.15	31	184	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Carney	1		Upland	No Test	0.39	166	479	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
San Antonio Water Co.	Gamboa	1		Upland	No Test	0.35	606	516	0.21	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

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San Antonio Water Co.	McKernan	1		Upland	No Test	0.20	429	251	0.41	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Christiansen	1		Upland	No Test	0.40	472	419	0.12	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
San Antonio Water Co.	Coglietti	1		Upland	58%	0.29	798	46	1.04	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - City Hall		1	Upland	59%	0.33	1681	298	3.18	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	City of Upland - Library		1	Upland	59%	0.90	952	821	0.30	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Shane	1		Upland	No Test	0.02	38	19	0.04	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	2.49	13721	8619	11.71	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	City of Upland - Green Belt Park		1	Upland	60%	1.00	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

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City of Upland	City of Upland - Green Belt Park			Upland	60%	0.39	Same site as above	Same site as above	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Sylvia	1		Upland	39%	0.20	619	242	0.87	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Amardeep	1		Upland	NA	0.06	0	70	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Lowe	1		Upland	59%	0.25	370	305	0.15	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
IEUA (Counts as 6 Audits)	IEUA Carbon Canyon		6	Chino	64%	6.66	No Meter	8210	N/A - sites are not metered	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
IEUA	IEUA Composting Facility		1	Rancho Cucamonga	61%	1.43	No Meter	1760	N/A - sites are not metered	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
IEUA (Counts as 8 Audits)	IEUA RP-1		8	Ontario	58%	8.67	No Meter	10682	N/A - sites are not metered	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
IEUA	IEUA RP-2		1	Chino	42%	0.44	No Meter	535	N/A - sites are not metered	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
IEUA (Counts as 4 Audits)	IEUA RP-4		4	Rancho Cucamonga	No Test	4.99	No Meter	3489	N/A - sites are not metered	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
IEUA (Counts as 2 Audits)	IEUA RP-5		2	Chino	53%	3.17	No Meter	3904	N/A - sites are not metered	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

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City of Chino	Chaffey College - Chino		1	Chino	59%	2.63	4,717	3,237	3.40	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Navarro	1		Chino	42%	0.09	77	113	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Chino Hills	Morad	1		Chino Hills	69%	0.30	788	365	0.97	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Quezada	1		Chino Hills	38%	0.07	132	87	0.10	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Rios	1		Chino Hills	65%	0.36	742	442	0.69	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Chino Hills	Sautter	1		Chino Hills	62%	0.13	105	159	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Araín	1		Chino Hills	66%	0.24	836	289	1.26	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Saadalla	1		Chino Hills	55%	0.13	218	140	0.18	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Chino Hills	Khademi	1		Chino Hills	63%	0.69	696	840	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Kurdi	1		Chino Hills	55%	0.86	1,814	1,060	1.73	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Chino Hills	East Carbon Canyon HOA		1	Chino Hills	53%	3.70	14,248	4,564	22.23	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Williams	1		Rancho Cucamonga	48%	0.07	375	82	0.67	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Dona Merced Elementary		1	Rancho Cucamonga	62%	2.04	4224	2509	3.94	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Green	1		Rancho Cucamonga	50%	0.23	484	346	0.32	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Cucamonga Middle School		1	Rancho Cucamonga	64%	11.96	521125	22156	17.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Central Elementary School		1	Rancho Cucamonga	68%	3.73	5046	4598	1.03	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Coyote Canyon Elementary		1	Rancho Cucamonga	66%	4.29	13627	6092	17.30	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Vinters Grove Community		1	Rancho Cucamonga	72%	3.30	12774	3026	22.38	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

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CVWD	Musser	1		Rancho Cucamonga	64%	5.51	13663	6791	22.66	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Valle Vista Elementary School		1	Rancho Cucamonga	64%	4.79	2837	3216	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Roth	1		Rancho Cucamonga	71%	0.15	307	190	0.27	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Myers	1		Rancho Cucamonga	No Test	0.09	165	103	0.14	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Chaffey College - Fontana		1	Fontana	60%	1.11	3628	1365	5.20	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Fontana Water Co.	Romeo	1		Fontana	56%	0.36	0	443	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Stanley Black & Decker		1	Rialto	71%	2.69	9019	3318	13.09	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Ayala	1		Montclair	36%	0.07	36	83	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Alcaraz	1		Chino	56%	0.11	456	140	0.73	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Selim	1		Chino	52%	0.35	1,534	430	2.53	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Walker	1		Montclair	63%	0.05	106	60	0.11	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Lopez	1		Montclair	35%	0.36	90	60	0.07	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Martinez	1		Montclair	No Test	0.03	6	38	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Dew	1		Montclair	No Test	0.05	433	48	0.88	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Aguiar	1		Montclair	56%	0.06	150	72	0.17	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	O'Neal	1		Montclair	No Test	0.10	91	151	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Aguilar	1		Chino	63%	0.22	508	268	0.55	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Craig	1		Montclair	55%	0.06	122	72	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 10/11 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Thomson	1		Montclair	56%	0.09	308	108	1.11	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Jones	1		Montclair	No Test	0.08	440	99	0.78	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Zepeda	1		Montclair	68%	0.04	111	50	0.14	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Vazir	1		Montclair	55%	0.08	362	102	0.60	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Blanco	1		Montclair	No Test	0.06	197	78	0.27	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Calderon	1		Montclair	56%	0.09	340	111	0.53	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Diego	1		Montclair	41%	0.02	345	25	0.73	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Navarro	1		Ontario	62%	0.13	341	159	0.42	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Cuthbertson	1		Ontario	No Test	0.07	10	81	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Dorion	1		Ontario	64%	0.12	141	146	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Akzo	1		Ontario	54%	0.16	513	171	0.79	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Parkwood HOA		1	Ontario	60%	2.64	7310	3152	9.55	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
San Antonio	Life Bible Fellowship Church		1	Upland	62%	1.63	1753	2007	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
San Antonio Water Co.	Waller	1		Upland	55%	0.20	691	277	0.96	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
San Antonio Water Co.	Richards	1		Upland	47%	0.17	130	179	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
San Antonio Water Co.	Gratton	1		Upland	48%	0.19	785	229	1.28	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Kroll	1		Upland	61%	0.07	206	92	0.26	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.



FY 10/11 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Binkley	1		Upland	45%	0.24	665	301	0.84	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Horoshak	1		Upland	56%	0.17	709	208	1.15	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Draper	1		Upland	56%	0.22	827	269	1.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Moyes	1		Upland	42%	0.45	1121	560	1.29	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Shepherd	1		Upland	50%	0.13	308	165	0.33	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Francis	1		Upland	71%	0.14	424	175	0.57	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Hinkle	1		Upland	59%	0.14	440	178	0.60	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Prince	1		Upland	No Test	0.07	457	91	0.77	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Traficante	1		Upland	63%	0.07	129	91	0.09	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Velto	1		Upland	53%	0.13	496	162	0.77	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Olsen	1		Upland	57%	0.29	710	360	0.80	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Sanchez	1		Upland	No Test	0.20	483	251	0.53	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Anderson	1		Upland	46%	0.07	403	85	0.73	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Clark	1		Upland	52%	0.23	706	284	0.97	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Gramajo	1		Upland	57%	0.21	526	265	0.60	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Korcek	1		Upland	59%	0.19	640	238	0.92	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

FY 10/11 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Mt View Free Methodist Church		1	Upland	51%	0.48	1992	586	3.23	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Maynard	1		Upland	60%	0.13	273	156	0.27	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Fudge	1		Upland	53%	0.15	151	185	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

FY 09/10 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Nan	1		Chino	62%	0.03	11	36	0.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	American Pacific	1		Chino	54%	0.38	1,380	540	1.4	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Chino Valley Fire District #63		1	Chino	70%	0.20	841	287	1.3	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Park Place Chino HOA (North Section)		1	Chino	45%	0.39	1,725	482	2.9	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	City of Chino - Carolyn Owens Community Center		1	Chino	55%	0.29	2,323	360	4.5	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - City Yard		1	Chino	55%	1.17	2,673	1,647	2.4	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - Civic Center		1	Chino	69%	2.52	7,682	3,551	9.5	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - Community Building		1	Chino	54%	1.07	2,240	1,471	1.8	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	City of Chino - Human Services/Chino Valley Fire District # 61		1	Chino	48%	0.81	1,891	1,134	1.7	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - Teen Center		1	Chino	No Test	0.07	213	64	0.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	City of Chino - Cypress Trails Park		1	Chino	67%	6.48	7,749	9,134	0.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - Heritage Park		1	Chino	52%	6.75	13,201	9,513	8.5	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - Mountain View Park		1	Chino	54%	6.71	19,344	9,458	22.7	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	City of Chino - Walnut Park		1	Chino	58%	4.04	5,645	5,691	0.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino Hills	Swingle	1		Chino Hills	30%	0.10	49	119	0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Butterfield Fire Station (Chino Valley Fire District #62)		1	Chino Hills	No Test	0.58	571	511	0.14	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Chino Valley Fire Department Training Center		1	Chino Hills	43%	0.47	895	665	0.53	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

FY 09/10 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino Hills	Chino Valley Fire District Station #66		1	Chino Hills	54%	0.39	1,206	547	1.51	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Chino Valley Fire District #64		1	Chino Hills	No Test	1.18	809	1,035	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Cuthbertson	1		City of Ontario	No Test	0.07	10	81	0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Dorion	1		City of Ontario	64%	0.12	141	146	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Mission Woods		1	City of Ontario	58%	1.63	9,498	2,000	17.21	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Portofino		1	City of Ontario	42%	1.49	8,524	1,833	15.36	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Stoneridge Court		1	City of Ontario	41%	2.08	2,568	2,202	0.84	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Mallorca HOA		1	Upland	65%	2.67	10182	3757	14.75	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Astadurian	1		Upland	60%	0.68	1589	839	1.72	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Astadurian	1		Upland	No Test	0.07	8	60	0	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Astadurian	1		Upland	No Test	0.11	12	101	0	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Astadurian	1		Upland	No Test	0.08	9	67	0	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Ellis	1		Upland	No test	0.19	364	232	0.30	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Peltier	1		Upland	61%	0.49	964	598	0.84	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Rasool	1		Upland	65%	0.46	1792	569	2.81	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Thielo	1		Upland	No	0.75	741	656	0.20	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Vagenas	1		Upland	60%	1.95	5447	2404	6.99	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Warren	1		Upland	65%	0.32	965	391	1.32	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Watte	1		Upland	79%	0.22	988	269	1.65	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.

FY 09/10 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	St Peter & St Paul Catholic Churh		1	Rancho Cucamonga	56%	1.19	4,250	1,461	3.4	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Golden Oak Park- City of Rancho Cucamonga		1	Rancho Cucamonga	66%	3.99	7,388	5,618	5.7	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Hermosa Park- City of Rancho Cucamonga		1	Rancho Cucamonga	71%	8.62	15,320	10,620	10.8	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Old Town Park - City of Rancho Cucamonga		1	Rancho Cucamonga	73%	3.30	6,497	4,070	5.6	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
CVWD	Spruce Park - City of Rancho Cucamonga		1	Rancho Cucamonga	52%	3.00	7,322	3,699	8.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	West Greenway Park - City of Rancho Cucamonga		1	Rancho Cucamonga	62%	4.07	11,169	5,729	12.5	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
CVWD	Chaffey College - Rancho Cucamonga		1	Rancho Cucamonga	60%	31.92	63,961	39,336	56.54	Install Weather Based System, Participate in all nozzle upgrade program
CVWD	St Peter & St Paul Catholic House		1	Rancho Cucamonga	62%	0.285629017	661	352	0.71	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Fontana Water Company	Chaffey College - Fontana		1	Fontana	60%	1.11	3628	1365	5.20	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	ALJ INVESTMENT CO LLC		1	Montclair	55%	0.17	1,766	210	3.57	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Borgia/Maestri		1	Montclair	55%	0.16	1,304	193	2.55	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Girl Scouts - Spanish Trails		1	Montclair	65%	0.17	797	237	1.29	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Montclair Plaza		1	Montclair	57%	0.14	23,718	5,726	41.31	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Montclair Plaza Sears		1	Montclair	56%	0.22	1,943	309	3.75	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Pomona Valley Customs		1	Montclair	52%	0.24	1,329	336	2.28	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	City of Montclair - Fire Station #1		1	Montclair	55%	0.24	932	291	1.47	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	City of Montclair - Fire Station #2		1	Montclair	20%	0.03	267	44	0.51	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 09/10 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Applegate HOA		1	Ontario	55%	0.08	558	102	1.05	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Helena Court HOA		1	Montclair	55%	0.24	2,524	366	4.95	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Essex Park	1		Montclair	63%	2.57	4,293	3,169	2.58	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Mac Arthur Park		1	Montclair	63%	1.88	4,596	2,646	4.48	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Anderson	1		Chino	52%	0.37	267	527	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Anderson	1		Chino	47%	2.19	2,185	2,535	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Fur	1		Montclair	No Test	0.08	259	157	0.23	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Sahagian	1		Chino	73%	0.35	811	434	0.87	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

FY 08/09 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Amberwood Apartments		1	Chino	60%	2.18	14,506	4,848	22.0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Calvary Chapel of Chino Hills		1	Chino	76%	1.73	6,521	4,002	5.8	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Chino Pacific Warehouse		1	Chino	57%	1.66	1,640	1,722	0.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Chino Valley YMCA		1	Chino	60%	0.92	2,187	2,041	0.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Envision Plastics		1	Chino	55%	0.3	1,485	657	1.9	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Genstar Technologies		1	Chino	43%	0.47	1,527	1,045	1.1	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Inland Hills Church		1	Chino	63%	5.89	22,552	13,041	21.9	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	La Cuesta HOA		1	Chino	60%	0.63	1,206	1,395	0.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Prime Development		1	Chino	72%	0.37	1,086	503	1.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Ramona Chino Property LLC Sieroty Co. Inc		1	Chino	57%	0.43	1,822	965	2.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Ramona Village Assoc.		1	Chino	53%	1.78	6,756	3,945	6.5	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Royal Palm Ranch		1	Chino	46%	2.3	8,918	5,097	8.8	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Sieroty Co. Inc		1	Chino	50%	0.16	641	369	0.6	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Sieroty Co. Inc		1	Chino	44%	0.38	1,021	849	0.4	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Sieroty Co. Inc		1	Chino	53%	0.32	1,344	453	2.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	United Electric Supply Company		1	Chino	50%	0.25	1,815	559	2.9	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Versa Technology Inc.		1	Chino	68%	1.54	3,403	3,420	0.0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

**FY 08/09 Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Almac Felt Co		1	Chino	58%	0.19	628	279	0.8	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	American Custom Golf Cars Inc		1	Chino	No Test	0.22	1,527	320	2.7	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Caliagua		1	Chino	No Test	0.05	219	73	0.33	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Crystal Lane Community Association		1	Chino	76%	4.6	16,302	6,557	22.4	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Free Free USA Inc		1	Chino	60%	0.09	356	132	0.5	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Imaginary Fiberglass		1	Chino	70%	0.23	233	325	0.0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	International House of Pancakes		1	Chino	40%	0.1	609	160	1	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Park East II		1	Chino	57%	2.8	3,964	4,056	0	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Seasons Senior Villas		1	Chino	63%	0.29	1,617	422	2.7	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Shaefer Roswell HOA		1	Chino	61%	1.82	5,928	2,566	7.7	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	The Gardens		1	Chino	42%	0.36	1,509	516	2.46	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Park Townhomes		1	Chino	47%	1.8	6,140	2,555	8.2	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Chino Womens Prison		1	Corona	46%	23	71,667	39,221	90.00	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Cypress Creek HOA		1	Chino	68%	1.56	5,836	2,194	8.40	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	First United Reformed Church		1	Chino	55%	1.05	4,117	1,484	6.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Foresome, LLC		1	Chino	59%	0.45	1,873	640	2.80	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Franklin Webster Square Asn.		1	Chino	51%	0.53	2,723	745	4.50	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	JG Construction		1	Chino	59%	0.2	1,194	284	2.10	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler



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City of Chino	Kumar Industries		1	Chino	66%	0.28	1,558	388	2.70	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Howe	1		Chino	50%	0.18	239	278	0.00	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Parkside Village		1	Chino	60%	0.95	2,940	1,337	3.70	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Best Western Pine Wood		1	Chino	58%	0.48	1,423	689	1.68	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	PMN, LLC		1	Chino	54%	0.57	2,702	1,903	1.80	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Adobe Springs		1	Chino	59%	1.68	4159	2367	4.12	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Childrens World #129		1	Chino	48%	0.30	2314	427	4.34	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Hampshire Village		1	Chino	43%	1.06	5852	1488	10.03	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Park East III		1	Chino	50%	7.07	14769	9953	11.06	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Saddlewood HOA		1	Chino	60%	1.72	2982	2423	1.28	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Sieroty Co. Inc-Chino Bertolini		1	Chino	31%	0.20	493	227	0.61	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino Hills	Orakridge HOA		1	Chino Hills	72%	9.60	12,106	8,090	9.2	Install Weather Based System, Participate in all nozzle upgrade program
City of Chino Hills	Carbon Canyon I HOA		1	Chino Hills	56%	11.25	13,163	7,928	12.03	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Carbon Canyon I HOA		1	Chino Hills	56%	11.25	13,163	7,928	12.03	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Carbon Canyon I HOA		1	Chino Hills	56%	11.25	13,163	7,928	12.03	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Carbon Canyon I HOA		1	Chino Hills	56%	11.25	13,163	7,928	12.03	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino Hills	Rolling Ridge La Park		1	Chino Hills	62%	2.61	8547	3676	11.19	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

FY 08/09 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III**

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City of Ontario	Ceder Point HOA		1	City of Ontario	65%	2.90	11,602	4,211	16.9	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Cypress Park		1	City of Ontario	60%	3.20	8,166	4,568	8.2	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Del Rancho Park		1	City of Ontario	55%	4.30	7,336	6,070	2.9	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Ontario	Euclid Median, State St south to Mission Blvd		1	City of Ontario	67%	1.70	2,383	2,475	0	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Kimball Park		1	City of Ontario	51%	5.50	7,713	7,734	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Mountain Village Town Homes		1	City of Ontario	55%	0.20	1,562	646	2.1	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Ranch Park		1	City of Ontario	60%	1.70	3,949	2,480	3.3	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Ontario	TSEC Investments		1	City of Ontario	70%	0.13	1,618	178	3.3	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Chaffey High School Chaffey Joint Union High School District		1	Ontario	56%	24.38	29,115	34,348	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Corona Elementary Ontario-Montclair School District		1	Ontario	63%	3.80	9,862	5,438	10.17	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Del Norte Elementary Ontario-Montclair School District		1	Ontario	63%	5.00	10,344	7,043	7.58	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Mt Zion Baptist Church		1	Ontario	51%	0.17	405	242	0.37	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Park Vista HOA		1	Ontario	58%	1.72	3,567	2,424	2.62	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Vina Danks Middle School Ontario-Montclair School District		1	Ontario	60%	4.26	10,043	n/a	10.80	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Vineyard School Ontario-Montclair School District		1	Ontario	46%	3.87	n/a	n/a	n/a	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Ontario	Haven Business Park		1	Ontario	54%	1.39	2594	1958	1.46	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

## Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Ontario	First Assembly of God Church - Ontario		1	Ontario	57%	0.31	1402	432	2.23	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Papakonstatinon	1		Upland	68%	0.05	155	81	0.17	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Steece	1		Upland	57%	0.03	372	44	0.75	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Brody	1		Upland	No Test	0.04	278	173	0.24	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Upland N Hills HOA		1	Upland	60%	2.10	6,871	4,680	5.0	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Chang	1		Upland	78%	0.12	624	265	0.82	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Home Depot #1083		1	Upland	70%	1.00	6,768	1,405	12.30	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Northwood Upland Apartments II		1	Upland	60%	5.05	12,640	7,112	12.70	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Pepperdale Condo Association		1	Upland	42%	0.97	3,230	1,369	4.30	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Pres-Mountain Grove LP		1	Upland	60%	0.78	7,418	1,100	14.50	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Villa Montelena HOA		1	Upland	78%	1.68	12,153	2,378	22.47	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Kennedy	1		Upland	45%	0.23	896	395	1.15	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Mountain View Park		1	Upland	65%	2.7	9,188	3,784	12.42	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Mountain View Park		1	Upland	65%	2.7	9,188	3,784	12.42	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Mountain View Park		1	Upland	65%	2.7	9,188	3,784	12.42	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Mountain View Park		1	Upland	65%	2.7	9,188	3,784	12.42	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
City of Upland	Rancho Monte Vista		1	Upland	55%	2.53	7710	3564	9.52	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

## Landscape Evaluation Audit Program

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CVWD	Amberly Place HOA		1	Rancho Cucamonga	62%	0.76	2,946	1,073	4.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Cimarron Oaks VI		1	Ontario	56%	2.60	14,005	3,752	23.5	Participate in nozzle upgrade programs
CVWD	Cushing	1		Alta Loma	50%	0.07	355	295	0.1	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Figoni	1		Alta Loma	66%	0.05	49	71	0.0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Haskvitz	1		Rancho Cucamonga	No Test	0.11	278	173	0.2	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Mission Village Apartments/RDM Management, Inc.		1	Rancho Cucamonga	55%	1.09	2,113	2,426	0.0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Niagara Bottling Company		1	Ontario	75%	0.63	4,458	891	8.2	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Ontario Condos		1	Ontario	60%	0.72	9,828	1,618	18.8	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	West Gate HOA		1	Rancho Cucamonga	58%	1.46	3,230	2,061	6.6	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Cross and Crown Lutheran Church		1	Rancho Cucamonga	61%	0.58	1,148	816	0.76	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
CVWD	La Serena HOA		1	Rancho Cucamonga	55%	3.50	11,159	4,944	14.28	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Laing First Edition HOA		1	Rancho Cucamonga	54%	1.20	3,353	1,739	3.71	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Orchard Meadows HOA		1	Rancho Cucamonga	58%	3.17	8,296	4,470	8.79	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Villas at Terra Vista HOA		1	Rancho Cucamonga	69%	0.98	3,628	1,377	5.17	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Kolejka	1		Rancho Cucamonga	52%	0.16	542	219	0.74	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
CVWD	First Assembly of God Church - Rancho Cucamonga		1	Rancho Cucamonga	63%	1.49	3701	2096	3.69	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

## Landscape Evaluation Audit Program

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CVWD	LDS Church Baseline		1	Rancho Cucamonga	53%	1.76	2435	2776	-0.78	Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU, Standardize all stations to one sprinkler type.
CVWD	LDS Church Etiwanda		1	Rancho Cucamonga	53%	4.45	7824	6268	3.57	Install Weather Based System, Participate in all nozzle upgrade program
CVWD	LDS Church Haven		1	Rancho Cucamonga	57%	0.96	2470	1356	2.56	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
CVWD	Camacho	1		Alta Loma	52%	0.21	413	295	0.27	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Fontana Water Company	Sieroty Co - 10681		1	Fontana	68%	0.52	855	727	0.29	Install Weather Based System, Participate in all nozzle upgrade program
Fontana Water Company	Sieroty Co. Inc- Tony's Express		1	Fontana	57%	0.46	4172	642	8.11	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Cimarron Oaks II		1	Montclair	48%	6.75	36,449	14,980	12.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Greentree Garden HOA		1	Montclair	50%	2.11	3,261	4,680	5.0	Participate in nozzle upgrade programs
MVWD	Montclair Townhomes HOA		1	Montclair	55%	2.3	8,013	5,097	6.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Monterey Manor Mobile Home Park		1	Montclair	32%	1.29	6,010	2,854	7.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Peachwood Estates		1	Pomona	60%	3.9	10,613	8,584	4.6	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Rose	1		Chino	57%	0.21	294	474	0.0	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Bethany Baptist Church		1	Chino	55%	0.59	2,292	826	3.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Vodvarka	1		Montclair	66%	0.09	217	130	0.19	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Auer	1		Chino	50%	0.11	2,272	427	4.2	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Towncenter Estates		1	Montclair	56%	1.63	6,370	2,306	9.3	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

## Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	D & C Investment Properties		1	Montclair	No Test	0.10	650	152	1.10	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	D & C Investment Properties		1	Montclair	No Test	0.10	321	152	0.40	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	D & C Investment Properties		1	Montclair	No Test	0.10	551	152	1.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Laird Properties LLC		1	Montclair	53%	0.26	705	364	0.80	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Montclair Police Dept		1	Montclair	60%	2.40	4,896	3,080	4.20	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Monte Vista Elementary Ontario-Montclair School District		1	Montclair	56%	3.20	12,268	7,484	11.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Ontario Inn		1	Montclair	42%	1.00	2,334	137	5.10	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Kingsley Elementary Ontario-Montclair School District		1	Montclair	53%	3.50	5,964	7,793	4.20	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Buena Vista Elementary-Montclair School District		1	Montclair	58%	0.66	611	930	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Vernon Middle School Ontario-Montclair School District		1	Montclair	54%	5.30	12,268	7,484	11.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Chino Basin Conservation District		1	Montclair	50%	0.539	2403	760	3.77	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Martinez	1		Chino	48%	0.161	632	227	0.93	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Helena Gardens HOA		1	Montclair	No Test	2.071	1685	1459	0.52	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Jafra Cosmetics		1	Montclair	No Test	0.085	86	73	0.03	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Montclair Town Center LLC		1	Montclair	54%	1.082	7124	1524	12.86	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

## Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Valley Christian Church		1	Chino	27%	5.07	11508	11268	0.51	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Yorba Court/Owen Court Associates, Inc.		1	Chino	42%	0.41	132	923	0.91	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Chino Venture		1	Chino	45%	0.56	1415	1247	0.38	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Albers		1	Chino	32%	0.52	2238	1172	2.45	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Chino	Beckman Coulter Inc.		1	Chino	75%	0.87	2017	1946	0.16	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Mountain Green Shopping Center/Pan Pacific Retail Properties		1	Upland	55%	0.88	6960	1968	11.5	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads
City of Upland	Upland Country Village/H W L Properties		1	Upland	54%	0.84	5827	1784	9.3	Install Weather Based System, Participate in all nozzle upgrade program
City of Upland	Parc Chateau HOA		1	Upland	60%	4.36	16239	10123	14.1	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Arrow Park Townhomes HOA		1	Upland	47%	1.22	10866	2718	18.7	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
City of Upland	Mountain Villas Complex		1	Upland	38%	0.85	9174	1895	17.4	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Costco		1	Montclair	62%	1.12	11006	2490	7.50	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Target		1	Montclair	50.00%	1.34	8554	2971	8.50	Participate in nozzle upgrade programs
MVWD	Cambridge Park Townhome Apts		1	Montclair	38%	2.52	16000	1686	32.85	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Metro Honda		1	Montclair	24.00%	0.11	4628	1469	7.26	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Somerset Apartments		1	Chino	44%	2.6	3489	5644	Under Budget	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

## Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	CII	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Borders Books & Music		1	Montclair	68%	0.52	3365	1160	5.07	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Mission Tiki Drive-In		1	Pomona	35%	2.51	13753	5583	18.78	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads
MVWD	Soto	1		Pomona	35%	0.09	228	206	0.05	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Calvary Chapel of the Chino Valley		1	Chino	48%	0.98	6014	2185	8.79	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Cobblestone Village HOA		1	Montclair	55%	1.06	6406	2343	9.32	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Augusta Homes		1	Montclair	49%	4.83	15496	10711	10.98	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Kingsley Grove HOA		1	Montclair	57%	0.99	8275	3490	10.98	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU



# **Appendix C**

## **Residential Pressure Regulation Program**



## **Residential Pressure Regulating Program Participation Contract**

The undersigned ("Participant") is interested in reducing water consumption and promoting the efficient use of water on the property located at \_\_\_\_\_ ("Property"). The Inland Empire Utilities Agency ("IEUA") and \_\_\_\_\_ ("Retail Agency") have agreed to assist the Participant by providing a Residential Pressure Regulating Program ("Program"). It is the Participant's option to implement all or part of the recommendations made by the contractor, EcoTech Services Inc., as a result of the Program. IEUA, the Retail Agency, and EcoTech Services Inc., collectively shall be referred to as "the Parties."

### **Program Services**

- Step 1: Initial assessment of Home Pressure
- Step 2: Evaluate existing Pressure Regulating Valve (PRV) for operational efficiency or install a new PRV if one does not exist;
- Step 3: Adjust existing PRV if applicable;
- Step 4: Repair and maintenance existing PRV if the device can be repaired;
- Step 5: Replace PRV in the event it has failed and cannot be repaired;
- Step 6: One-year warranty on newly installed PRV from the date of installation which includes, equipment, parts, and labor, and
- Step 7: Site follow-up for up to one-year from date of installation, as needed.

### **Participant Requirements**

The Participant hereby agrees to allow representatives from EcoTech Services Inc., the Retail Agency, or the IEUA to enter the Property for the following purposes:

- Performing the Program Services as outlined above; and,
- Taking photos throughout the project.

- The Participant authorizes public display of project area before and after photographs, and/or video for the purpose of promoting water use efficiency and the Program.

The Participant hereby agrees to allow EcoTech Services Inc., to perform the Program Services as described above.

The Participant hereby agrees that any modifications made by the Participant to the PRV after project completion will be at the sole discretion, risk, and cost to the Participant.

The Participant hereby agrees that after twelve (12) months any and all problems related to the PRV and/or the installed equipment must be handled solely by the Participant and/or the manufacturer of the installed equipment. Appropriate documentation will be left with the Participant for this purpose.

The Participant hereby agrees that water use records will be reviewed for the period of at least twelve (12) months prior to the Program and at least sixty (60) full months following the project completion to determine water use patterns. The data will be provided by the Retail Agency and compiled into a report to be shared among the Program partners, including the IEUA, Metropolitan Water District of Southern California (MWD), and other retail agencies participating in the Program. Personal information, addresses, or account numbers will be held confidential and not released to any firm or entity. To the best of each member agency's ability, personal information, addresses and/or account numbers are held confidential. Customer information is never sold or openly distributed. By participating in this Program, personal information provided on program forms/documents may be legally subject to disclosure to requesting parties pursuant to the California Public Records Act.

The Participant is responsible for ensuring that the Program Services provided are in full compliance with local municipal codes and ordinances. The Participant accepts full liability associated with compliance with all local municipal codes and ordinances.

The Participant hereby agrees to fully-cooperate with representatives from EcoTech Services Inc., the Retail Agency, and IEUA for the goals of the program. Should the Parties determine that Participant is being uncooperative with meeting the program goals, the Retail Agency and/or IEUA may elect to terminate the Contract in writing prior to the installation of the new PRV. In this event, all restoration efforts shall be at the sole cost of Participant.

The Participant recognizes that participation in the Program is voluntary and does not constitute any representation or promise of any cost savings or results of any nature whatsoever.

#### **Participant Maintenance Requirements**

- Have home pressure checked once a year to ensure the PRV is working properly;

As this is a "no-cost" program, the Participant is not eligible for any further rebate incentives for any equipment installed through the Program.

The Participant hereby agrees to release, defend, indemnify, protect, and hold harmless IEUA, MWDSC, the Retail Agency, and EcoTech Services Inc., as well as their respective board members, officers and employees, directors, administrators, assigns, representatives, successors, and agents (each an “Indemnatee” and collectively the “Indemnitees”) from and against any and all claims, demands, damages, debts, liabilities, obligations, contracts, contracts, causes of action, suits, and costs of whatever nature, character, or description, whether known or unknown, anticipated or unanticipated, asserted or established (collectively “Claims”), arising out of, in connection with, and/or relating to the Property, and/or the Program, and/or this Contract and the reasonable exercise by Indemnitees of the rights granted herein, and/or any and all acts or omissions of the Participant and/or his/her agents, contractors, consultants, and employees; provided, however, that Participant's duty to indemnify and hold harmless shall not include any Claims directly resulting from the sole negligence or willful misconduct of the Indemnitees, in performing the work or services of the Program.

The Participant, on behalf of himself/herself and his/her descendants, ancestors, dependents heirs, executors, administrators, agents, servants, employees, representatives, assigns, and successors, hereby fully releases and discharges the Indemnitees from any and all Claims which the Participant and his/her above-mentioned successors now have or may hereafter have or claim to have against the Indemnitees arising out of, in connection with, and/or relating to the Property, the Program, this Contract and the reasonable exercise by Indemnitees of the rights granted herein; specifically excluding, however, Claims directly resulting from the sole negligence or willful misconduct of the Indemnitees.

The Participant hereby specifically waives the provisions of Section 1542 of the California Civil Code, which provides that “A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THE RELEASE WHICH IF KNOWN TO HIM MUST HAVE MATERIALLY AFFECTED HIS SETTLEMENT WITH THE DEBTOR.” This is a full release by Participant and his/her above-mentioned successors of any and all Claims that may arise against any of the Indemnitees regarding the above, whether such Claims are currently known, unknown, foreseen, or unforeseen. The Participant understands and acknowledges the significance and consequence of such specific waiver of Section 1542, and hereby assumes full responsibility for any resulting liabilities.

Participant understands that the newly installed PRV must be kept in-place and maintained for a minimum of two (2) years or Participant may be subject to a penalty fee charged on their respective water bill.

Participant further represents and warrants that he/she is the Property Owner and is duly authorized to execute this Contract and bind the Property in the manner set forth herein.

---

Participant/Owner Address

---

Participant/Owner Printed Name

---

EcoTech Technician

---

Participant/Owner Signature

---

Date

           ***I agree that the results from my participation in the Residential Pressure Regulating***  
***Initials*** ***Program can be reviewed and discussed with (name and title listed below):***

---

***Name and title of person to be included in the discussion of the results of this Project***

**For questions, please contact:**

Inland Empire Utilities Agency (IEUA)  
(909) 993-1520  
Lisa Morgan-Perales



# RESIDENTIAL PRESSURE REDUCING PROGRAM

PARTICIPANT NAME: \_\_\_\_\_ CUSTOMER ID: \_\_\_\_\_

SERVICE ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

TECHNICIAN: \_\_\_\_\_ ASSESSMENT DATE: \_\_\_\_\_ PRV SERVICE DATE: \_\_\_\_\_

## PRV INFORMATION

LOCATION	EXISTING MODEL	EXISTING PSI	REPAIR KIT MODEL	NEW PRV MODEL INSTALLED	PRV SIZE	POST-SERVICE PSI

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## CUSTOMER CONFIRMATION

PLEASE CHECK

☐

TECHNICIAN PROVIDED  
PARTICIPATION AGREEMENT

☐

TECHNICIAN PROVIDED  
PRV TRAINING

☐

TECHNICIAN PROVIDED  
PRESSURE GAUGE

I (property owner or representative name) \_\_\_\_\_ hereby affirm that EcoTech Services, Inc. (EcoTech) has completed the approved upon work as part of Inland Empire Utilities Agency (IEUA) Residential Pressure Reducing Program (Program). By signing this document I acknowledge that EcoTech has properly installed and commissioned the water-saving equipment offered by the Program. Any changes to plumbing or additional work from this point forward is considered new work and will require a cost estimate to be written and agreed upon between the Property Owner or Representative and EcoTech.

The product warranty covers manufacturer defects for products installed. The labor warranty covers workmanship for work provided by EcoTech technicians. The product and labor warranties do not cover plumbing troubleshooting or work.

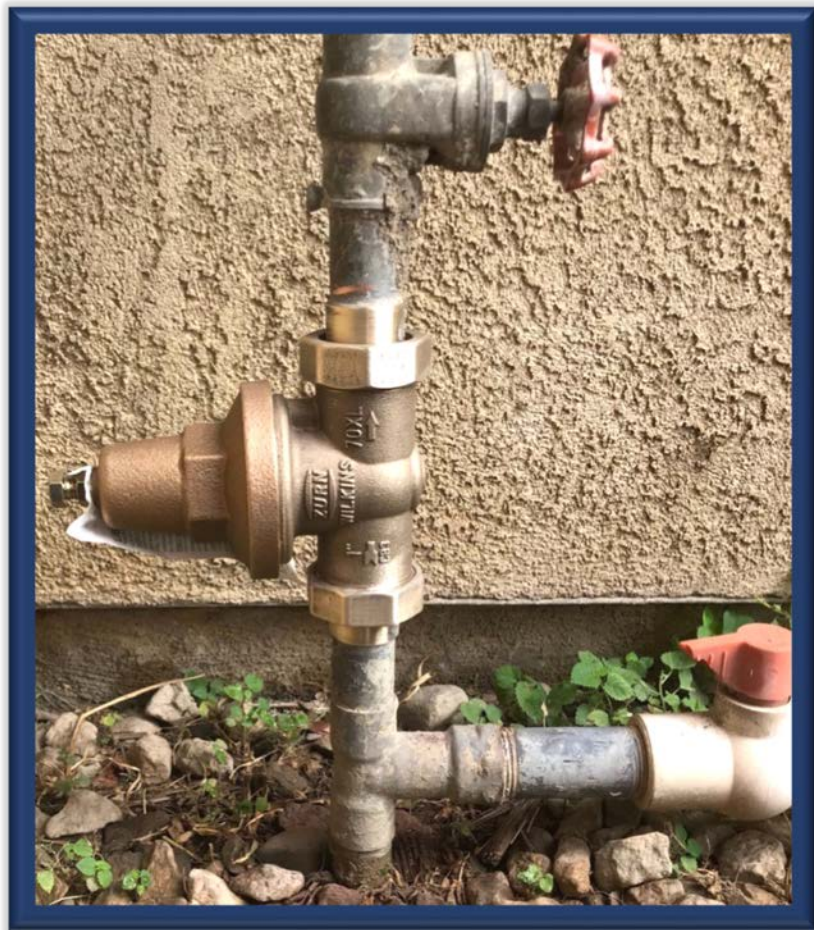
DATE \_\_\_\_\_

PARTICIPANT SIGNATURE \_\_\_\_\_



**EcoTech Services, Inc.**

2143 S. MYRTLE AVE, MONROVIA, CA 91016 | 626.335.1500









# **Appendix D**

## **Turf Removal Program**

## Turf Removal Program Summary Report (FY 2018-2019)

### Applications

Total Submitted	336
Approved	62
Approval Ratio	18%

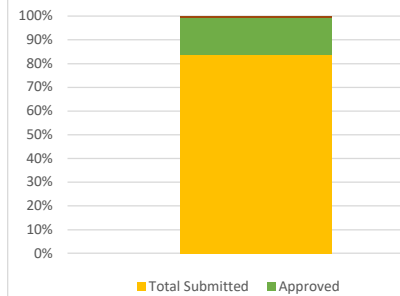
### Turf Removal

Total Square-Feet Requested	95,701
Total Square-Feet Removed	91,058
Total Square-Feet Removal Rate	95%

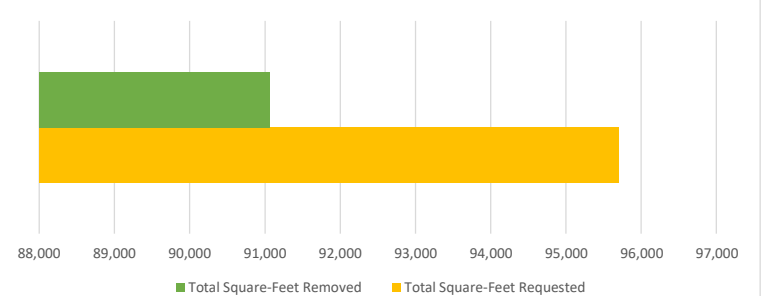
### Rebates

Total Requested	\$251,592.50
Approved	\$240,369.00
Approval Ratio	96%

Applications Submitted vs Approved



Turf Removal Requested vs Removed



## Residential vs. Commercial Turf Removal

Total Residential Application Submitted:	285
Total Residential Applications Approved:	57
Total Residential Sq. Ft. Turf Removed:	71,257
Total Residential Rebates Paid:	\$182,492.00

Total Commercial Application Submitted:	51
Total Commercial Applications Approved:	5
Total Commercial Sq. Ft. Turf Removed:	19,801
Total Commercial Rebates Paid:	\$57,877.00

## Turf Removal Statistics

	Residential			Commercial		
	Applications Submitted	Applications Approved	Approval Ratio	Applications Submitted	Applications Approved	Approval Ratio
CITY OF CHINO	17	3	18%	0	0	N/A
CITY OF CHINO HILLS	25	2	8%	16	0	N/A
CITY OF ONTARIO	28	4	14%	7	0	N/A
CITY OF UPLAND	41	8	20%	12	2	17%
CVWD	117	31	26%	5	3	60%
FONTANA WATER COMPANY	28	3	11%	6	0	N/A
MONTE VISTA WD	29	6	21%	6	0	N/A
TOTAL	285	57	17%	52	5	38%

## Rebate Statistics

	Residential			Commercial		
	Rabate Requested	Rabate Paid	Pay to Request Ratio	Rabate Requested	Rabate Paid	Pay to Request Ratio
CITY OF CHINO	\$13,888.00	\$13,824.00	100%	\$0.00	\$0.00	N/A
CITY OF CHINO HILLS	\$3,006.00	\$3,006.00	100%	\$0.00	\$0.00	N/A
CITY OF ONTARIO	\$14,252.00	\$13,622.00	96%	\$0.00	\$0.00	N/A
CITY OF UPLAND	\$37,990.00	\$35,869.00	94%	\$40,588.00	\$40,588.00	100%
CVWD	\$99,657.00	\$92,222.00	93%	\$17,289.00	\$17,289.00	100%
FONTANA WATER COMPANY	\$5,895.00	\$5,625.00	95%	\$0.00	\$0.00	N/A
MONTE VISTA WD	\$19,027.50	\$18,324.00	96%	\$0.00	\$0.00	N/A
TOTAL	\$193,715.50	\$182,492.00	96%	\$57,877.00	\$57,877.00	100%



# Residential Turf Replacement Program

## About the Program

This new Metropolitan program rewards landscape designs that incorporate water-saving plants, technology, irrigation systems and hardware. The result may be a beautiful bee-butterfly-and-bird-attracting landscape that is sustainable and can save a significant amount of water. Rebates start at \$2 per square foot and may be more depending on additional local water agency incentives.

## Eligibility

- A maximum of 5,000 square feet of turf removed per home is eligible for funding each fiscal year.
- The project must have a minimum of 250 square feet of turf removed in the front or back yard, or if the entire front yard is less than 250 square feet, all turf must be removed.
- There is a limit of one application per home per year.
- Areas which have already had turf removed are not eligible.
- Eligible areas for transformation include front yards and back yards.

## Program Requirements

A simple landscape plan must be included with your application to illustrate the intended landscape transformation.

The completed project area must be covered by at least three plants per 100 square feet.

Three inches of mulch must surround all plants. Mulch/rock/decomposed granite must cover any bare spaces within project area (no bare soil allowed).

### The use of organic materials is recommended.

Converted areas must be designed to capture rainfall through infiltration into soil or on-site storage for reuse. Infiltration and rainwater capture techniques can include: rain gardens, rain barrels, cisterns, berms, swales or grades. Selected method should allow infiltration or capture of runoff and not channel to impervious surfaces. Projects must meet all local and regional requirements.



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

[bewaterwise.com](http://bewaterwise.com)<sup>®</sup>





# Program Requirements

Every day  
is a chance to  
save water.



The project must include at least one of the following components:

**RAIN GARDENS** – a rain garden is a planted depression or a hollow that allows rainwater runoff the opportunity to be absorbed from impervious urban areas, like roofs, driveways, walkways, parking lots and compacted lawn areas. This reduces rain runoff by allowing storm water to soak into the ground instead of flowing into storm drains and surface waters, causing erosion, water pollution, flooding and diminished groundwater.

**ROCK GARDENS** – a rock garden features large or decorative rocks and incorporates plants that are particularly adapted for growth in tight spaces, hillsides or well-drained soils. Garden plants grow between the rocks and are typically low-growing and drought-tolerant.

**DRY RIVER BEDS** – a dry river bed or dry stream design slows heavy runoff flows from rainfall and minimize erosion. It is made up of a shallow swale that is lined with varying sizes of stones. Large stones help withstand a serious downpour and anchor the other stones in the dry bed, slowing storm water runoff. In a garden, the careful placement of water-worn stones, or river slicks, along a swale can be aesthetically pleasing, providing ideal places for select plants to grow.

**SWALES** – swales are shallow ditches that have gently sloping sides. A swale relies on gravity to move water and is designed to direct water where you want it to go, such as flower or vegetable gardens. They can be used to limit runoff as well as to trap silt and pollutants typically found in surface water runoff.

**BERMS** – berms are mounds of earth with sloping sides that are located between areas of approximately the same elevation. Berms direct or redirect drainage to keep water from quickly flowing off the property.

**GRADES** – Surface grading of an area allows water to collect and flow to a lower elevation or desired location. Regardless of surface characteristics, when it comes to drainage, slope is the most important issue to consider. For efficient drainage, paved surfaces should have a minimum 1-percent slope. Turf or landscaped areas should have a minimum slope of 2 percent.

**RAIN BARREL/CISTERNS** – rain barrels and cisterns are storage units that capture runoff water from a catchment area such as a rooftop. Cisterns are essentially large-scale rain barrels. Rain barrels and cisterns must be connected to properly installed rain gutters and downspouts. The property must have existing gutters throughout the entire perimeter of the roof for adequate water collection, as well as also existing downspouts. Rain barrels and cisterns must be properly installed and meet all local and regional requirements. Existing rain barrels and cisterns qualify provided they have been properly installed.



Irrigation modification or conversion is required for all projects:

- Convert over-head sprays to drip, micro-spray, bubblers, or rotating nozzles, whichever is applicable; or
- Cap sprinkler heads or remove irrigation equipment and hand-water instead

**Not allowed:** synthetic turf or any plant that appears to be turf. This rule applies because installation is often verified by photographs.

The consumer has 180 days to complete the project and is responsible for complying with all applicable laws, codes, policies, covenants, conditions and restrictions. Receipts will be requested, but not required.

## Program Recommendations

- How-to videos can help guide your transformation
- We recommend the installation of a smart controller
- Check "Gardening with California Natives" on [bewaterwise.com](http://bewaterwise.com) for a list of helpful resources

## Questions

Please contact [socalwatersmart.com](http://socalwatersmart.com) (operators are available to answer questions in several languages) at 888.376.3314.



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

P.O. Box 54153, Los Angeles, CA  
90054-0153

[bewaterwise.com](http://bewaterwise.com)



@mwdh2o

[mwdh2o.com](http://mwdh2o.com)



**SoCal Water\$mart** is a region-wide program brought to you by the Metropolitan Water District of Southern California. Local water agencies may offer other incentive program opportunities. Rebates will be issued on a first-come, first-served basis until funding is exhausted.





# Commercial, Institutional & Industrial Turf Replacement Program

## About the Program

This new Metropolitan program rewards landscape designs that incorporate water-saving plants, technology, irrigation systems and hardware. The end result is a showcase for water efficiency as well as financial savings. Rebates start at \$2 per square foot and may be more depending on additional local water agency incentives.



## Eligibility

- Projects must have a minimum of 250 square feet of turf removed, or if the entire site is less than 250 square feet, all turf must be removed.
- A maximum of 50,000 square feet of turf per project site is eligible for funding each fiscal year.
- There is a limit of 1 application per site per year.
- Proposed project areas irrigated with recycled water are eligible unless exempted by the Metropolitan member agency.

## Program Requirements

The completed project area must be covered by at least three plants per 100 square feet.

Three inches of mulch must surround all plants. Mulch/rock/decomposed granite must cover any bare spaces within project area (No bare soil allowed). The use of organic materials is recommended.

The converted area must be designed to capture rainfall through infiltration or on-site storage for reuse. Infiltration and rainwater capture techniques can include rain gardens, rain barrels, cisterns, berms, swales or grades.

Selected methods should allow infiltration or capture of runoff and not channel to impervious surfaces. It also must meet all local and regional requirements.



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

[bewaterwise.com](http://bewaterwise.com)<sup>®</sup>





# Program Requirements

Every day  
is a chance to  
save water.



The project must include at least one of the following components:

**RAIN GARDENS** – a rain garden is a planted depression or a hollow that allows rainwater runoff the opportunity to be absorbed from impervious urban areas, like roofs, driveways, walkways, parking lots and compacted lawn areas. This reduces rain runoff by allowing storm water to soak into the ground instead of flowing into storm drains and surface waters, causing erosion, water pollution, flooding and diminished groundwater.

**ROCK GARDENS** – a rock garden features large or decorative rocks and incorporates plants that are particularly adapted for growth in tight spaces, hillsides or well-drained soils. Garden plants grow between the rocks and are typically low-growing and drought-tolerant.

**DRY RIVER BEDS** – a dry river bed or dry stream design slows heavy runoff flows from rainfall and minimize erosion. It is made up of a shallow swale that is lined with varying sizes of stones. Large stones help withstand a serious downpour and anchor the other stones in the dry bed, slowing storm water runoff. In a garden, the careful placement of water-worn stones, or river slicks, along a swale can be aesthetically pleasing, providing ideal places for select plants to grow.

**SWALES** – swales are shallow ditches that have gently sloping sides. A swale relies on gravity to move water and is designed to direct water where you want it to go, such as flower or vegetable gardens. They can be used to limit runoff as well as to trap silt and pollutants typically found in surface water runoff.

**BERMS** – berms are mounds of earth with sloping sides that are located between areas of approximately the same elevation. Berms direct or redirect drainage to keep water from quickly flowing off the property.

**GRADES** – Surface grading of an area allows water to collect and flow to a lower elevation or desired location. Regardless of surface characteristics, when it comes to drainage, slope is the most important issue to consider. For efficient drainage, paved surfaces should have a minimum 1-percent slope. Turf or landscaped areas should have a minimum slope of 2 percent.

**RAIN BARREL/CISTERNS** – rain barrels and cisterns are storage units that capture runoff water from a catchment area such as a rooftop. Cisterns are essentially large-scale rain barrels. Rain barrels and cisterns must be connected to properly installed rain gutters and downspouts. The property must have existing gutters throughout the entire perimeter of the roof for adequate water collection, as well as also existing downspouts. Rain barrels and cisterns must be properly installed and meet all local and regional requirements. Existing rain barrels and cisterns qualify provided they have been properly installed.



Irrigation modification or conversion is required for all projects:

- Convert over-head sprays to drip, micro-spray, bubblers, or rotating nozzles, whichever is applicable; or
- Cap sprinkler heads or remove irrigation equipment and hand-water instead

**Not allowed:** synthetic turf or any plant that appears to be turf. This rule applies because installation is often verified by photographs.

The consumer has 180 days to complete the project and is responsible for complying with all applicable laws, codes, policies, covenants, conditions and restrictions. Receipts will be requested, but not required.

## Program Recommendations

- We recommend the installation of a smart controller
- Check "Gardening with California Natives" on [bewaterwise.com](http://bewaterwise.com) for a list of helpful resources

## Questions

Please contact [socalwatersmart.com](http://socalwatersmart.com) (operators are available to answer questions in several languages) at 888.376.3314.



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OF SOUTHERN CALIFORNIA

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**SoCal Water\$mart** is a region-wide program brought to you by the Metropolitan Water District of Southern California. Local water agencies may offer other incentive program opportunities. Rebates will be issued on a first-come, first-served basis until funding is exhausted.

# **Appendix E**

## **Public Outreach, Program and Educational Materials**

- **National Theatre for Children**
- **Shows that Teach**
- **Garden In Every School**
- **IEUA Annual Special Events**
- **IEUA Water Softener Rebate Program**
- **IEUA Member Agency Public Outreach & Educational Materials**
  - **City of Chino Hills**
  - **Cucamonga Valley Water District**
  - **Fontana Water Company**
  - **Monte Vista Water District**
  - **City of Ontario**

***National Theatre for Children***

***FY 2018-2019***



Teach. Entertain. Inspire.



# the WATER PIRATES of Neverland RUN Aground



**A Final Report Prepared for**



**Winter-Spring 2019**





*I loved this assembly! My students had so much fun, talked about it for multiple days afterwards, and we have had several class discussions about these water-wise topics!*

Alyxe Barnes  
3<sup>rd</sup> Grade Teacher, Cucamonga Elementary School  
Rancho Cucamonga, CA

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## EXECUTIVE SUMMARY

During the winter and spring of 2019, The National Theatre for Children (NTC) was honored to serve students in California on behalf of Inland Empire Utilities Agency. From February 4 to March 15, NTC reached a reported 21,530 students and 922 teachers with vital information on water conservation.

Featuring live in-school performances, student playbooks, teacher guides, and digital games and activities, *The Water Pirates of Neverland: Run Aground!* engaged 50 schools and received rave reviews from California students, educators and the media.

Following is a detailed compilation of Inland Empire's *The Water Pirates of Neverland* educational program. This report includes:

Teacher Evaluation Summary: In order to evaluate *The Water Pirates of Neverland*, teachers rated elements of the program on a scale of 1-7. They gave the overall educational value a **6.68**, and **99%** reported they would like to see Inland Empire continue to offer this program to their school.

Scheduling: On behalf of Inland Empire Utilities Agency, NTC scheduled **86** performances in **50** elementary schools.

Curriculum: NTC distributed student playbooks and teacher guides to participating schools, and also made available digital games and activities custom-branded with Inland Empire Utilities Agency's logo. The print and digital materials aligned with the program's main educational points:

- The uses of water
- The importance of water
- Ways water gets polluted
- Ways to conserve water

PR and Media: The troupe of actors carried press releases approved by Inland Empire and made them available to all and any press visiting the schools.

Stakeholder Feedback: NTC received many comments from educators, such as:

*Great acting. Captain Doorknob was a riot. The kids really enjoyed the show this year. Both were great actors & very entertaining with a great message! Thank you so much. I laughed a bunch too.*

Jenn Battista, 5<sup>th</sup> Grade Teacher, Windrows Elementary School, Etiwanda, CA

Through *The Water Pirates of Neverland: Run Aground!*, we are proud to say that Inland Empire and NTC met their shared objectives: to reach 50 elementary schools in California, and to deliver a well-regarded, valuable education program on water conservation.

We hope to continue our partnership for the 2019-20 school year!



## PROGRAM OVERVIEW

Through a live performance of *The Water Pirates of Neverland: Run Aground!* by professional actors, supplemental educational materials, and digital games and activities, elementary school students were invited to engage with the basics of water conservation through storytelling, explore its significance in and out of the classroom and pass on the excitement to their families.

As part of *The Water Pirates of Neverland*, each school received:

- A 25-minute live performance on water conservation
- Student playbooks with classroom and take-home exercises
- Teacher guides that explain the program, prepare the classroom and offer curriculum-enriching exercises
- Educational digital games and activities found on [NTCplayworks.com](http://NTCplayworks.com)

*The Water Pirates of Neverland: Run Aground!* focused on the following key educational points:

- The uses of water
- The importance of water
- Ways to conserve water
- Ways water gets polluted

## DISTRIBUTOR BREAKDOWN

### Fontana Water Company

- 11 schools, 18 performances
- 4,560 students, 192 teachers



### Monte Vista Water District

- 8 schools, 15 performances
- 4,028 students, 140 teachers



### Cucamonga Valley Water District

- 7 schools, 13 performances
- 3,166 students, 172 teachers



### City of Ontario

- 12 schools, 20 performances
- 4,826 students, 186 teachers



### City of Upland

- 4 schools, 6 performances
- 1,277 students, 68 teachers



### City of Chino Hills

- 5 schools, 8 performances
- 2,198 students, 92 teachers



### City of Chino Public Works

- 3 schools, 6 performances
- 1,475 students, 72 teachers

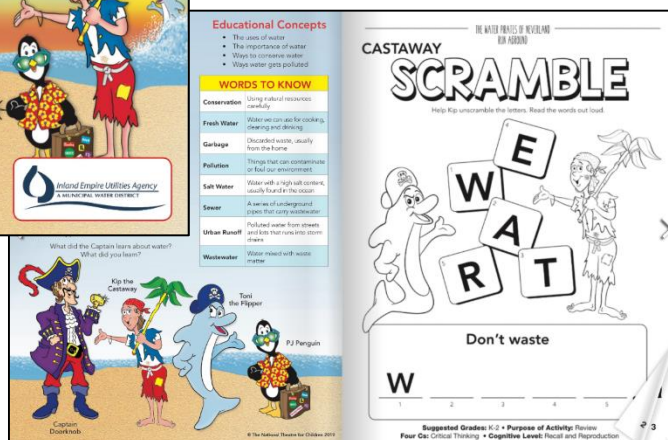
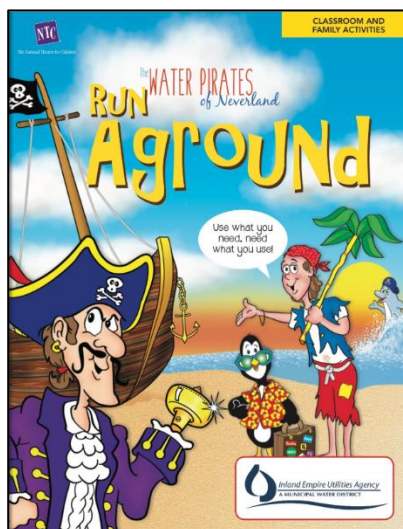




## PRINT MATERIALS

Classrooms in all participating schools received printed program enrichment materials, including:

- Student playbooks with follow-up activities for the classroom and at home
- Comprehensive teacher guides with classroom activities and additional resources



## NTCPLAYWORKS.COM

NTCplayworks.com is NTC's online digital resource for schools. Here, educators, students and parents can find educational resources, games, activities, photos, videos and e-books — all related to their program, with no special software necessary. The activities feature characters that students will recognize from the live show, and include online versions of the print curriculum.

## MEET THE ACTORS

### Winter 2019

Tour dates: February 4 – March 13, 2019

Actors: Destiny Dunn & Ricky Phillipi



### Destiny Dunn

Destiny Dunn is thrilled to be touring for the second time with The National Theatre for Children. She holds a BFA from the University of Michigan-Flint. Some of her favorite roles include Anne Sullivan from *The Miracle Worker* and Miranda from *The Tempest*.

Destiny also used to work closely with princesses at Walt Disney World in Florida!



### Ricky Phillipi

Ricky has completed five NTC tours and received his training from The Stella Adler Studio of Acting Conservatory in New York, NY. Ricky is a skilled performer and musician and enjoys playing golf, volleyball, baseball and football.



## PROGRAM EVALUATION

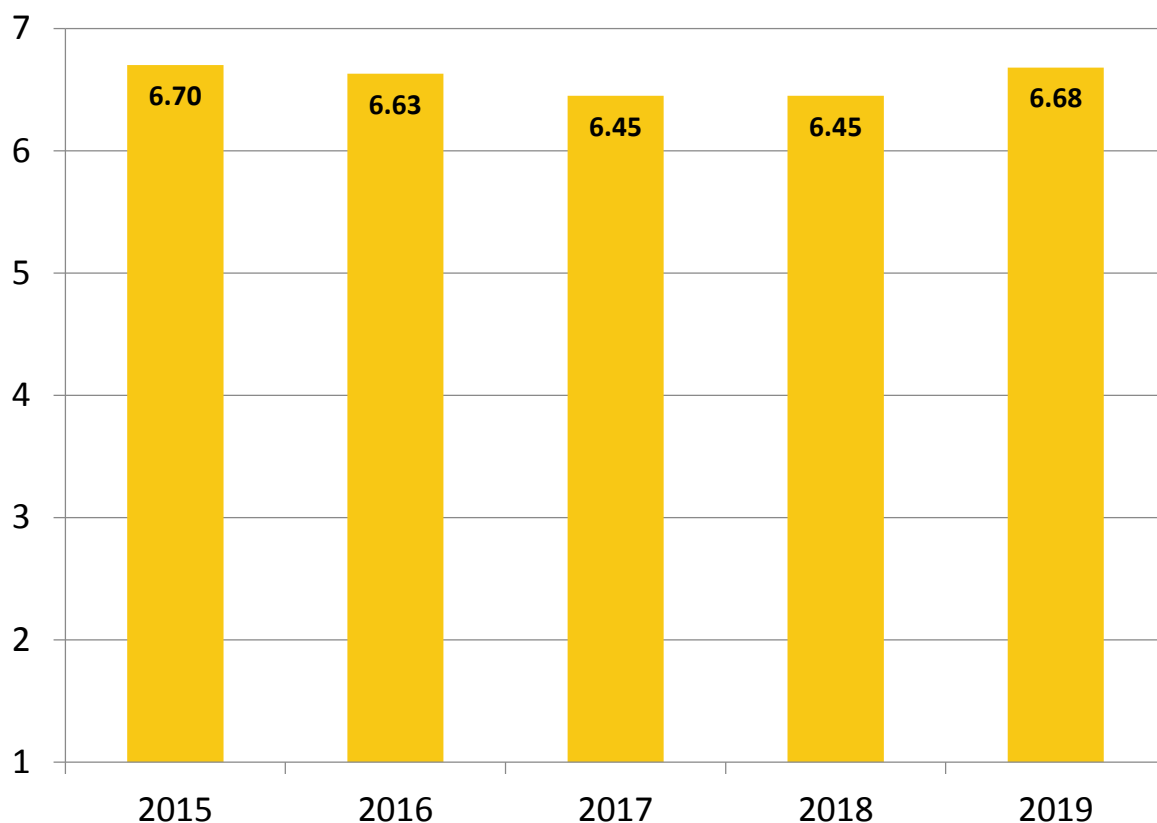


Each teacher at each participating school is asked to complete a program evaluation.

The following is a summary of these evaluations from Inland Empire Utilities Agency's program:



## OVERALL EDUCATIONAL VALUE

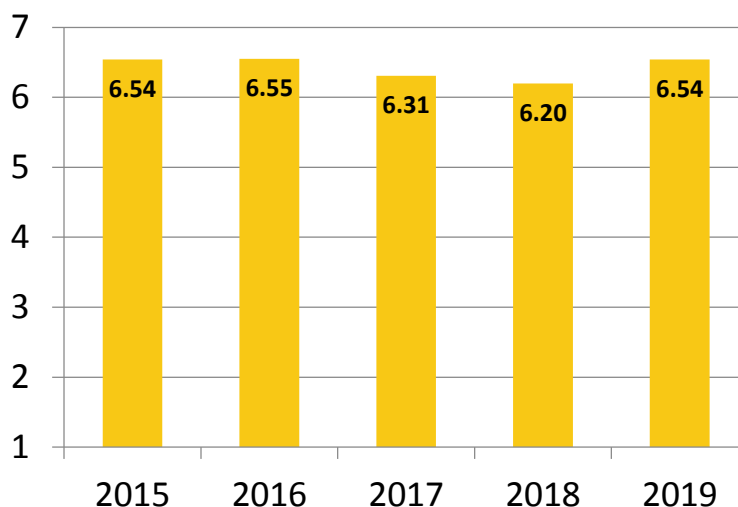


Teachers were asked to rate the overall educational value of the program based on a scale of 1 (lowest) to 7 (highest). The average score for the program was a **6.68**.

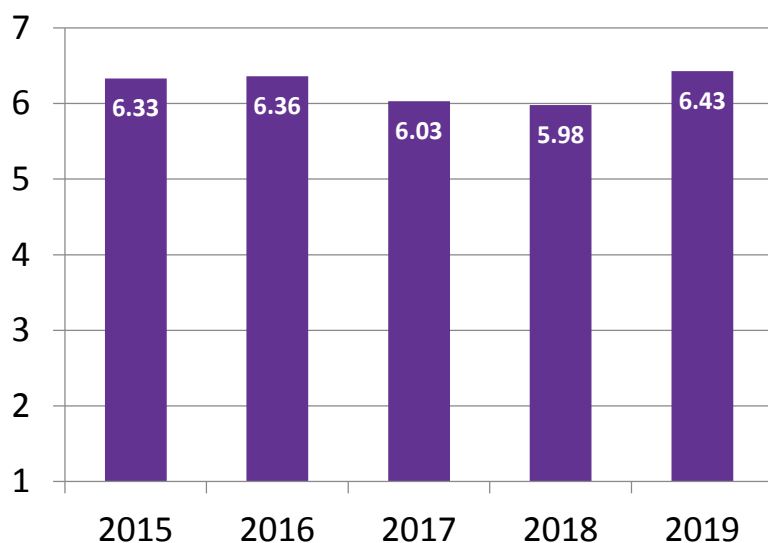
## ABILITY TO STIMULATE CLASSROOM DISCUSSION

Teachers rated the program's ability to stimulate classroom discussion as a **6.54**.

Based on a scale of 1 (lowest) to 7 (highest)



## LIKELIHOOD STUDENTS WILL RETAIN MESSAGES



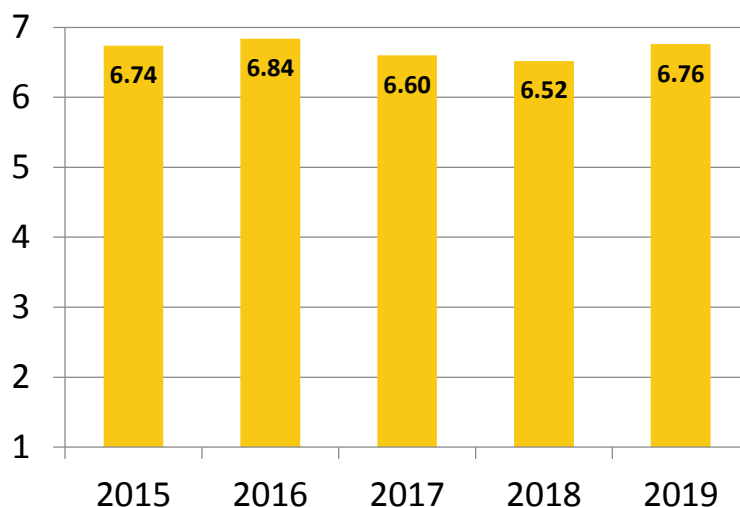
Teachers rated the likelihood that students will retain the material covered in the program as a **6.43**.

Based on a scale of 1 (lowest) to 7 (highest)

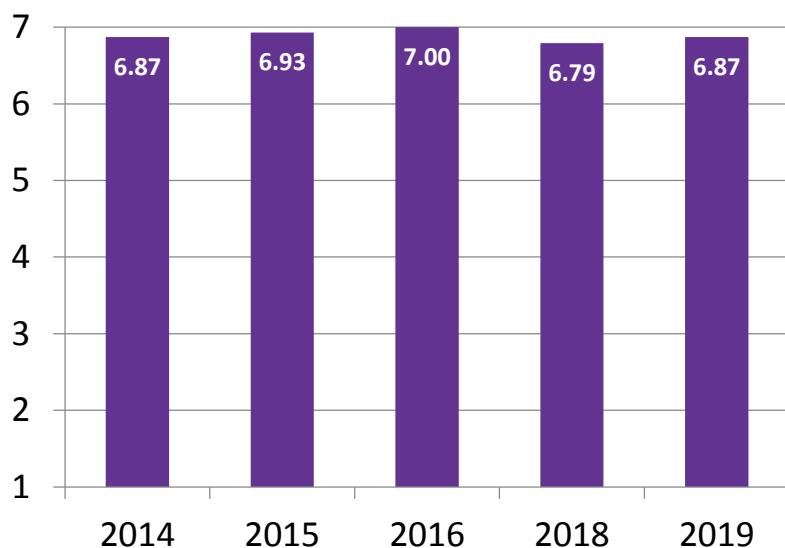
## ABILITY OF LIVE THEATRE TO INCREASE CAPACITY FOR RETAINING MESSAGES

Teachers rated the use of live theatre to increase students' capacity for retaining educational messages as a **6.76**.

Based on a scale of 1 (lowest) to 7 (highest)



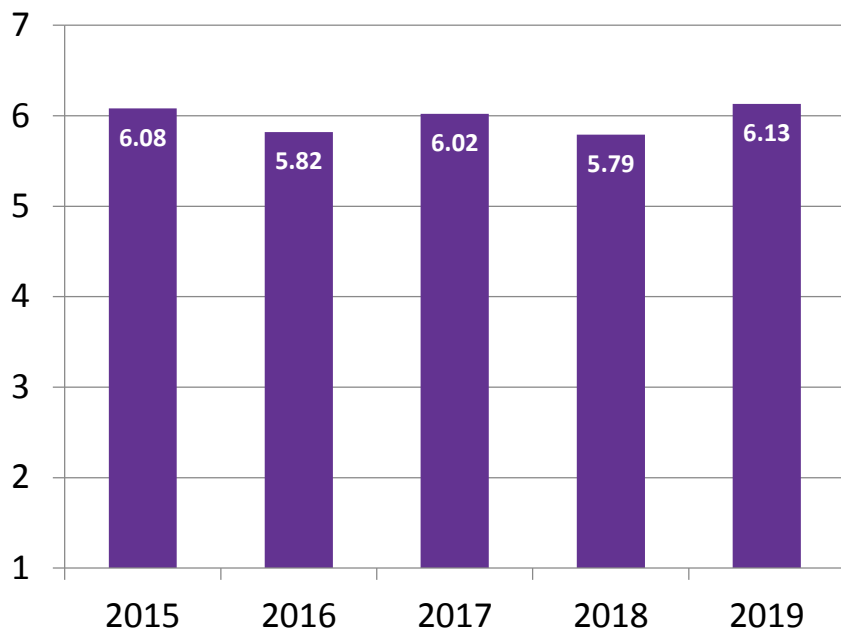
## ACTORS' PROFESSIONAL AND COURTEOUS MANNER



Teachers rated the actors' professional and courteous manner as a **6.87**.

Based on a scale of 1 (lowest) to 7 (highest)

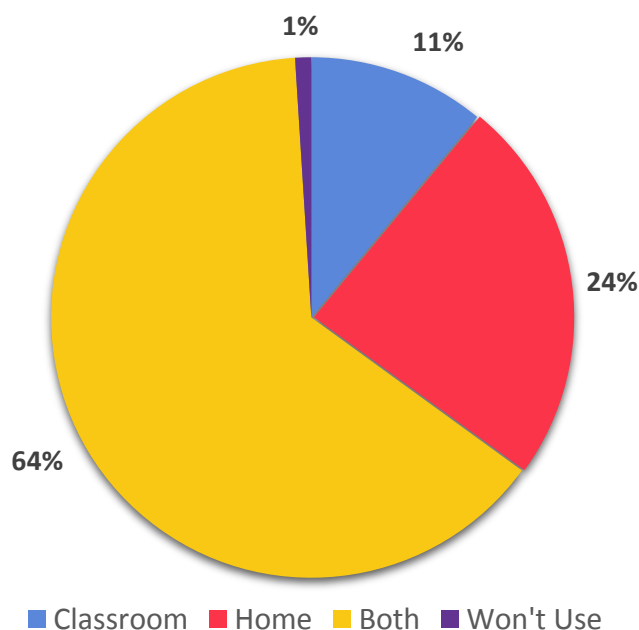
## PRINTED MATERIALS



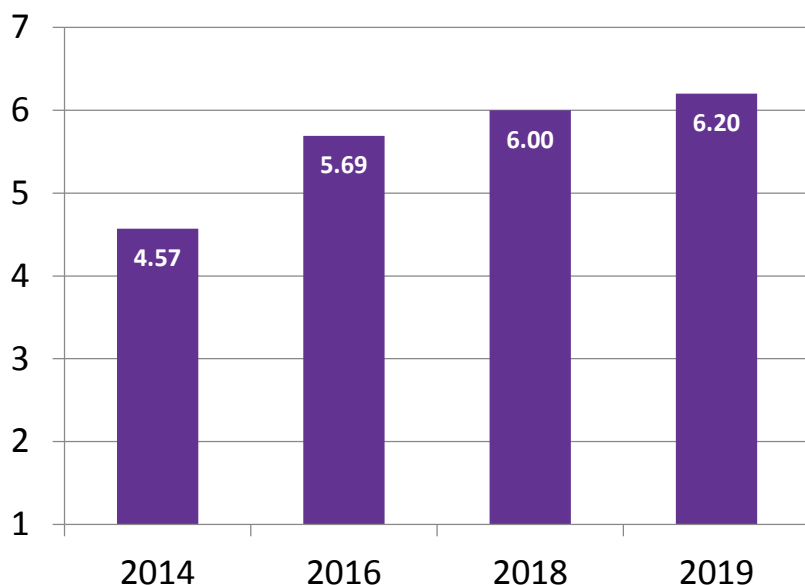
Overall, teachers rated the value of the printed curriculum as a **6.13**.

Based on a scale of 1 (lowest) to 7 (highest)

Ninety-nine percent (**99%**) of teachers who received the printed curriculum stated they would use it in the classroom, at home or both.



## DIGITAL GAMES AND ACTIVITIES

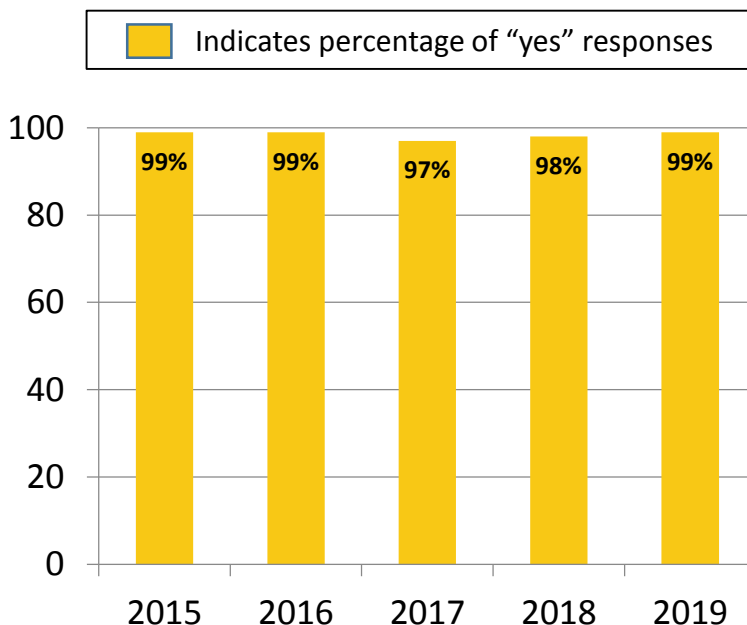


Overall, teachers rated the value of the digital games and activities as a **6.20**.

Based on a scale of 1 (lowest) to 7 (highest)

## TEACHERS WANTING THE PROGRAM TO CONTINUE

Ninety-nine percent (**99%**) of educators who saw *The Water Pirates of Neverland: Run Aground!* reported they would like to see a similar program at their school in the future.



## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2019 tour.

*I loved this assembly! My students had so much fun, talked about it for multiple days afterwards, and we have had several class discussions about these water-wise topics!*

Alyxe Barnes, 3rd Grade Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*This year's program was FANTASTIC! The actors were excellent!!!!!! (Ricky and Destiny) My student thoroughly enjoyed this entertaining and informative production.*

Suzanne McDonough, 4th Grade Teacher, Creek View Elementary School, Ontario, CA

*This was a fantastic assembly for our students to experience. They were captivated from beginning to end and the acting was absolutely fantastic!!*

Irayma Moffett, 5th Grade Teacher, East Heritage Elem School, Fontana, CA

*Both actors were engaging and professional. All the students were excited and participated in the show. I was impressed with their ability to gain the group's attention and quiet them down after a funny part of the program.*

Rebecca Campos, 3rd Grade Teacher, Levi Dickey Elementary School, Ontario, CA

*Students absolutely loved the program. I have a third grade son who goes to the school, and I was pleased to hear him repeating some of the lessons and phrases that were introduced during the performance. :)*

Michele Haefner, 4th Grade Teacher, Windrows Elementary School, Etiwanda, CA

*Great acting. Captain Doorknob was a riot. The kids really enjoyed the show this year. Both were great actors & very entertaining with a great message! Thank you so much. I laughed a bunch too.*

Jenn Battista, 5th Grade Teacher, Windrows Elementary School, Etiwanda, CA

*My students thought the show was "amazing" and funny. They really liked learning through the actors about the water conservation and how not to pollute the water.*

Maria Martin, 3rd Grade Teacher, Del Norte Elementary School, Ontario, CA

*My Kindergarten students loved the play. They were able to share with classmates and family members everything they learned about saving water. GREAT SHOW!*

Frances Carreon, Kindergarten Teacher, El Camino Elementary School, Ontario, CA

*I love this program and I think it is great for the kids.*

Angela Gilbert, Pre-Kindergarten Teacher, Arroyo Elementary School, Ontario, CA

*The students loved it.*

Karen Hirschfeld, 4th Grade Teacher, Arroyo Elementary School, Chino Hills, CA

*it was an excellent program and I appreciate the opportunity to participate in this type of learning. My students loved all of it!*

Amy Packer, 2nd Grade Teacher, Arroyo Elementary School, Ontario, CA

## WHAT THE TEACHERS ARE SAYING...

*"It was really good because the pirate didn't believe the girl about the angry dolphin." - Student*

*"It was really funny because the pirate was hollering." - Student*

Martha Jara, 2nd Grade Teacher, Jurupa Vista Elementary School, Fontana, CA

*The performers were amazing!*

bic on, 2nd Grade Teacher, Liberty Elementary School, Ontario, CA

*The kids really enjoyed it and talked about what they learned. They liked how funny it was.*

Danielle Moody, Kindergarten Teacher, Lyle Briggs Fundamental School, Chino, CA

*I think that this format is a great way to give students useful information in a fun way to help them remember.*

Laurie McKellip, 2nd Grade Teacher, Lyle Briggs Fundamental School, Chino, CA

*Thanks for coming!! Kids loved it!!!*

Vanessa samuelson, 4th Grade Teacher, Moreno Elementary School, Montclair, CA

*Very engaging and informative!*

megan brown, 4th Grade Teacher, Moreno Elementary School, Montclair, CA

*The class really enjoyed the show. Thank you.*

heather davis, 2nd Grade Teacher, Virginia Primrose Elem School, Fontana, CA

*great program*

Carrie Bowman, Kindergarten Teacher, Creek View Elementary School, Ontario, CA

*My students enjoyed the Water Pirates performance.*

Juanita Leyva, 2nd Grade Teacher, Hawthorne Elementary School, Ontario, CA

*Very entertaining! Class loved it. Ricky was a great pirate!*

Lauren Johnson, 2nd Grade Teacher, Palmetto Elementary School, Fontana, CA

*Very good actors! The material was very well informed as well as with the vocabulary.*

Marisela Cornejo, 3rd Grade Teacher, Virginia Primrose Elem School, Fontana, CA

*The actors and the way information was presented was wonderful. We had TK/K and a SDC TK/K combo in the room and ALL the students were enthralled with it all.*

Sue Pigoni, Kindergarten Teacher, Mission Elementary School, Ontario, CA

*It was very informational and educational. The K-W-L chart was very helpful to see what the students learned!*

Rima Saikali, 2nd Grade Teacher, Juniper Elementary, Fontana, CA

*The actors, Ricky and Destiny, were fantastic!!!!!!*

Richelle Halbrook, 2nd Grade Teacher, Juniper Elementary, Fontana, CA



## WHAT THE TEACHERS ARE SAYING...

*The printed materials are great but a little complicated for Kindergarten.*

Julie Magallanes, Kindergarten Teacher, Juniper Elementary, La Verne, CA

*My students tremendously enjoyed the play. The actors were mesmerizing and it held my students attention the whole time. Therefore , they remembered the message of the play.*

maria aurora cunag, Kindergarten Teacher, Juniper Elementary, Fontana, CA

*It was very entertaining and engaging for our students.*

Christine Tam, 2nd Grade Teacher, Palmetto Elementary School, Fontana, CA

*I thought the program was great! The actors did a wonderful job and the repetition and engagement with the kids was awesome. Everything was easy to remember and presented in a kid-friendly way.*

Breanna David, 1st Grade Teacher, Rolling Ridge Elementary School, Chino Hills, CA

*Well done and interactive. Giving the print materials BEFORE the show was a smart idea.*

Michael painter, 3rd Grade Teacher, Rolling Ridge Elementary School, Chino Hills, CA

*they were so energetic, kept the kids on the ball. They loved it.*

Julie Hogan, Pre-Kindergarten Teacher, St George Parish School, Ontario, CA

*My special ed student absolutely loved the program. It made my day to see him so happy and entertained by a school program. thank you*

Leslie Praisuwan, 1st Grade Teacher, Hemlock Elementary School, Fontana, CA

*Great act*

Catherine Tamayo, Principal, Jasper Elementary School, Alta Loma, CA

*it was so interesting that my students wrote about the assembly*

Dorothy Macey, 2nd Grade Teacher, Juniper Elementary, Fontana, CA

*Great show! The kids loved it*

Alexa Espiritu, 1st Grade Teacher, Valle Vista Elementary School, Rancho Cucamonga, CA

*The performers were outstanding!*

Lisa Walk, Kindergarten Teacher, Valle Vista Elementary School, Rancho Cucamonga, CA

*It was fun and informative for the kids.*

Monica Ochoa, Pre-Kindergarten Teacher, Chaparral Elementary School, Chino Hills, CA

*Loved it!!*

Valerie Sirota, 2nd Grade Teacher, Chaparral Elementary School, Chino Hills, CA

*We greatly enjoyed the performance.*

Ashleigh Wilkie, 1st Grade Teacher, David W Long Elementary School, Fontana, CA

## WHAT THE TEACHERS ARE SAYING...

*The play was fantastic. The best so far and I've seen plenty.*

Sally Melvin, 2nd Grade Teacher, East Heritage Elem School, Glendora, CA

*Students really enjoyed the show! Thank you!*

Susie Curado-Kam, 4th Grade Teacher, East Heritage Elem School, Fontana, CA

*The actors for this performance were exceptional.*

Irene Upcraft, 2nd Grade Teacher, East Heritage Elem School, Fontana, CA

*Very funny and entertaining assembly. The kids enjoyed it as well as teachers.*

Sharon Garcia, 4th Grade Teacher, Edison Academy, Ontario, CA

*Definitely for a younger audience. Great for K/1. A little young for my grade (3rd).*

Colleen Roose, 3rd Grade Teacher, Floyd M Stork Elem School, Alta Loma, CA

*This is such a great program to teach students about water conservation. The only problem that I can recall, and it is truly something minor, is that Ricky's little voice amplifier had a very tinny tone to it which in some ways made it difficult to hear or understand him.*

Jean Mumbleau, 5th Grade Teacher, Floyd M Stork Elem School, Alta Loma, CA

*The assembly was too short. Needed more material and actors. Add song, dance, or technology to enhance performance.*

Caroline Cook, 1st Grade Teacher, Ramona Academy, Chino, CA

*Always great!*

Tamera Upshaw, 1st Grade Teacher, Ramona Academy, Montclair, CA

*The actors were fantastic!*

*Thank you so much*

Karen Smith, 5th Grade Teacher, Valle Vista Elementary School, Rancho Cucamonga, CA

*Thank you for offering this to our students. With shrinking budgets, our students need this type of learning more than ever.*

Celina Marshall, 1st Grade Teacher, Hawthorne Elementary School, Ontario, CA

*The actors were great, all students were engaged and they learned a lot too!*

Amy Killam, 2nd Grade Teacher, Country Springs Elementary, Chino Hills, CA

*Great Actors, very engaging! Content was easy to absorb with recap throughout.*

Laurie Shuler, 4th Grade Teacher, Country Springs Elementary, Chino Hills, CA

*My students loved the program. The actors were very entertaining and knowledgeable. My kids were able to play the games and answer the team questions correctly from the show.*

Jeannie Morley, 3rd Grade Teacher, Country Springs Elementary, Chino Hills, CA

## WHAT THE TEACHERS ARE SAYING...

*Great informative program!*

Sabrina Arroyo Mendo, 2nd Grade Teacher, Levi Dickey Elementary School, Ontario, CA

*The program was great! It was both educational and entertaining!*

Graciela Fuerte, 1st Grade Teacher, Mango Elementary School, Fontana, CA

*Fabulous show and lesson!!*

*The students really enjoyed it.*

*Thank you*

Rosa Pizano, 5th Grade Teacher, Mango Elementary School, Fontana, CA

*My students were very engaged. They enjoyed the interaction with the actors.*

Michele Marrs, 4th Grade Teacher, Mariposa Elementary School, Ontario, CA

*Very well done!*

Jeff Rich, 3rd Grade Teacher, Randall Pepper Elem School, Fontana, CA

*Students and teachers both enjoyed the engaging show about how to save water.*

Theresa Litwinski, 2nd Grade Teacher, Randall Pepper Elem School, Fontana, CA

*So fun!*

Ashleigh Phaneuf, 3rd Grade Teacher, Randall Pepper Elem School, Fontana, CA

*Love this medium for children to learn from. Interactive presentation was GREAT!!!*

Carol Somerville, Pre-Kindergarten Teacher, Chaparral Elementary School, Chino Hills, CA

*It was well received by staff & students enjoyed the performance & activities.*

Julie Traxler, 3rd Grade Teacher, Country Springs Elementary, Chino Hills, CA

*It was a great play but at times hard to hear the actors. They need microphones*

Whitney McAlpine, 1st Grade Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*The kids really enjoyed this program. It provided an opportunity for young children to continue to learn about saving water and being responsible about trash.*

Kimberly Madden, Kindergarten Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*Educational and Fun!*

Shawn Feeney, Kindergarten Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*Thank you so much!*

Crystal DeArman, 1st Grade Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*Thank you for the fun and informative presentation!*

Alma Penaloza-Morales, 3rd Grade Teacher, Del Norte Elementary School, Ontario, CA

## WHAT THE TEACHERS ARE SAYING...

*Fun show, good acting. The workbooks are upper grade appropriate. there should be a different song that the kids learn that they can easily remember. the song used was not memorable.*

melissa mcalpine, Kindergarten Teacher, Cucamonga Elementary School, Rch Cucamonga, CA

*The actors were friendly and engaging. The children enjoyed their performance and the props used. They especially liked the dolphin. They would have liked the dolphin to have a larger role.*

Shelise Brown (Savage), Kindergarten Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*The students really enjoyed the presentation. It was grade level appropriate and it was a fun way of presenting the information to the students.*

Orland Cantos, 5th Grade Teacher, Del Norte Elementary School, Ontario, CA

*Loved Ricky and Destiny aka Captain Doorknob and Skip! Very passionate and engaging! Fun even for my "cool" sixth graders! Thank you, NTC!*

J. Allison Borromeo, 6th Grade Teacher, Kingsley Elementary School, Montclair, CA

*Such a treat! The audience was totally engaged! The actors were very funny, and also easy to understand.*

Monica Smirl, 6th Grade Teacher, Kingsley Elementary School, Montclair, CA

*It was great!! It captivated our 4 Kindergarten classes and Pre-K. Awesome*

Luz Flores, Kindergarten Teacher, Kingsley Elementary School, Montclair, CA

*I only gave the printed materials a lower rating due to the fact that it's a little too difficult for TK aged children.*

Colleen Cope, Pre-Kindergarten Teacher, Kingsley Elementary School, Montclair, CA

*It was fun, educational and the kids loved it .We did some follow up activities and they were excited*

Tricia Gleeson, Kindergarten Teacher, Kingsley Elementary School, Montclair, CA

*Kids really enjoyed the acting!*

KRISTY STEVENS, 3rd Grade Teacher, Locust Elementary School, Fontana, CA

*It would be nice to have something for the K's as the pamphlet/booklet that is given us is a little hard for most.*

Lynda Sherburn, Kindergarten Teacher, Loving Savior Elementary School, Chino Hills, CA

*Great program just a really busy time of year right after conferences and before state testing so hard to give up the instruction time. Loved the program, kids enjoyed, hope we get to see it again next year. This is always a terrific assembly for all!*

Erine Ames, 5th Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA

*Was great but I was wondering if it was cut short due to some of our staff's tardiness. It seemed longer last year.*

Kelly Cook, Kindergarten Teacher, Montera Academy of Academic Exploration, Montclair, CA

*Very cute play and entertaining*

Laura Munez, Pre-Kindergarten Teacher, Montera Academy of Academic Exploration, Montclair, CA

## WHAT THE TEACHERS ARE SAYING...

*You folks did a brilliant job! Students were engaged and learned so much in such fun ways...thank you, thank you, thank you!!! What a wonderful assembly!*

Loretta Parker, 3rd Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA

*The only issue is being able to hear the actors when the students are laughing in response to the show. Perhaps consider wireless mics?*

Melissa Scotti, Kindergarten Teacher, Montera Academy of Academic Exploration, Montclair, CA

*Use more repetition to really instill the main points into students. Humor only goes so far. Maybe some video aid would further their retention.*

Jacob Thomas, 4th Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA

*The play was well done. It increased student interest in the subject.*

Steven Schulz, 2nd Grade Teacher, Poplar Elementary School, Fontana, CA

*The players engaged the kids. It kept moving. They got their key concepts across to the point I would think they will remember.*

Scott Corbett, 5th Grade Teacher, Sierra Vista Elem School, Upland, CA

*My third grade students loved the program and were very engaged.*

stacy olguin, 3rd Grade Teacher, Sierra Vista Elem School, Upland, CA

*Great actors*

Kevin Maedel, 4th Grade Teacher, Sierra Vista Elem School, Upland, CA

*More emphasis on plastic pollution*

Amy Braeger, Kindergarten Teacher, Sierra Vista Elem School, Upland, CA

*This was great! It was entertaining and short, to the point. The students were totally engaged!*

Madeline Pirrone, 2nd Grade Teacher, Sycamore Elementary School, Upland, CA

*The actors were very fun and engaging.*

Tryna Walker, 3rd Grade Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*Great show! Students were very engaged and loved talking about the pirates all day!*

Lauren Poitou, 1st Grade Teacher, Cucamonga Elementary School, Rancho Cucamonga, CA

*I am rating for a special education program class. The students were engaged during the program but were unable to repeat the theme of the program.*

Carol Notti, Other, Locust Elementary School, Fontana, CA

*The program was great! The actors put on a funny, informative program. They kept the kids interested and entertained.*

Kathy Phelps, 1st Grade Teacher, Sycamore Elementary School, Upland, CA



## TOUR SCHEDULE

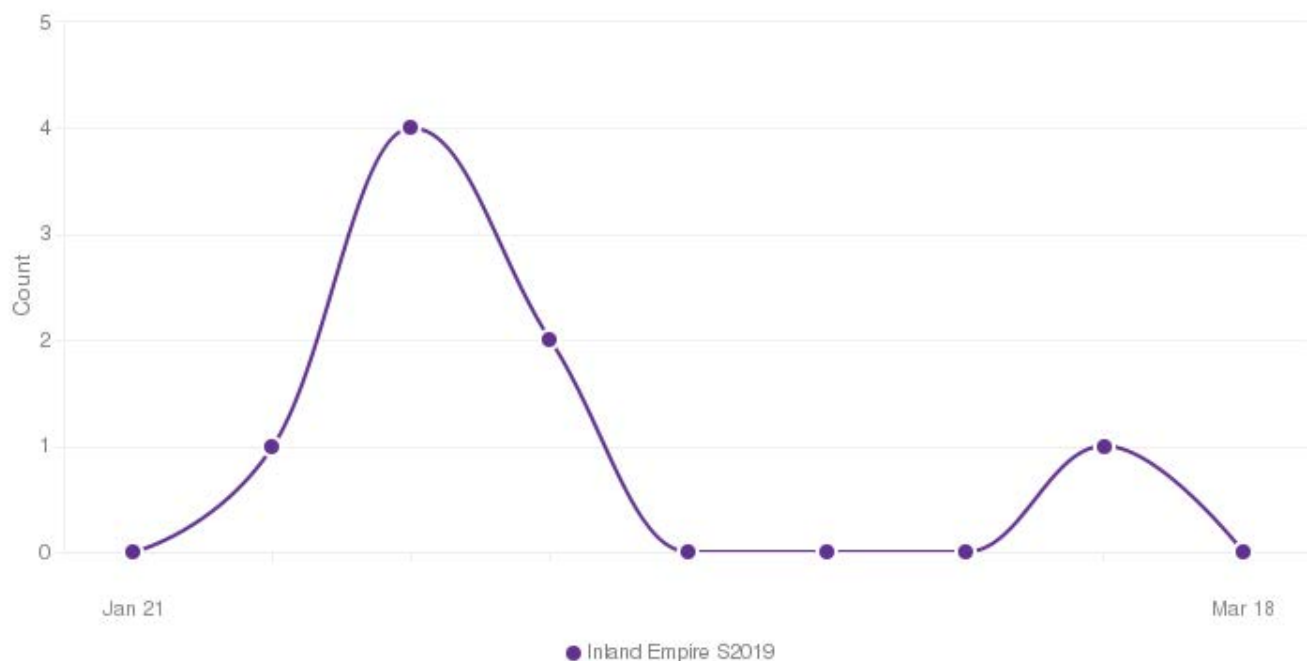
2/3/2019 - 2/9/2019							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
2/4/2019	Lyle Briggs Fundamental School	11880 Roswell Ave, Chino, CA 91710	Monte Vista Water District	580	20	2	1
2/4/2019	Moreno Elementary School	4825 Moreno St., Montclair, CA 91763	Monte Vista Water District	550	25	2	1
2/5/2019	Newman Elementary School	4150 Walnut Ave., Chino, CA 91710	Monte Vista Water District	650	25	3	1
2/6/2019	Buena Vista Arts Integrtd Sch	5685 San Bernardino St., Montclair, CA 91763	Monte Vista Water District	188	5	1	1
2/6/2019	Liberty Elementary School	2730 S Bon View, Ontario, CA 91761	City of Ontario	600	27	2	1
2/7/2019	Creek View Elementary School	3742 Lytle Creek Loop, Ontario, CA 91761	City of Ontario	575	20	2	1
2/7/2019	Jurupa Vista Elementary School	15920 Village Drive, Fontana, CA 92337	Fontana Water Company	480	20	2	1
2/8/2019	Arroyo Elementary School	1700 E 7th Street, Ontario, CA 91764	City of Ontario	400	20	2	1
2/8/2019	Virginia Primrose Elem School	751 N Maple Street, Fontana, CA 92335	Fontana Water Company	500	30	2	1
2/10/2019 - 2/16/2019							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
2/11/2019	Hawthorne Elementary School	705 W Hawthorne, Ontario, CA 91762	City of Ontario	150	8	1	1
2/13/2019	Bon View Elementary School	2121 S Bon View Ave, Ontario, CA 91761	City of Ontario	670	33	2	1
2/13/2019	Valencia Elementary School	541 W 22nd Street, Upland, CA 91784	City of Upland	-	-	-	1*
2/14/2019	Mission Elementary School	5555 Howard, Ontario, CA 91762	Monte Vista Water District	120	5	1	1
2/14/2019	Canyon Crest Elementary School	11851 Cherry Ave, Fontana, CA 92337	Fontana Water Company	-	-	-	1*
2/15/2019	Alicia Cortez Elementary School	12750 Carissa Ave., Chino, CA 91710	City of Chino Public Works	570	20	2	1
2/15/2019	Palmetto Elementary School	9325 Palmetto Ave, Fontana, CA 92335	Fontana Water Company	125	5	1	1
2/17/2019 - 2/23/2019							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
2/19/2019	Juniper Elementary	7655 Juniper Ave, Fontana, CA 92336	Fontana Water Company	600	20	2	1
2/20/2019	Central Elem School	7955 Archibald Ave., Rancho Cucamonga, CA 91730	Cucamonga Valley Water District	400	21	2	1
2/20/2019	St George Parish School	322 West D Street, Ontario, CA 91762	City of Ontario	200	8	2	1
2/21/2019	Walnut Ave Elementary	5550 Walnut Ave., Chino, CA 91710	City of Chino Public Works	565	22	2	1
2/22/2019	Rolling Ridge Elementary School	13677 Calle San Marcos, Chino Hills, CA 91709	City of Chino Hills	560	25	2	1
2/22/2019	Jasper Elementary School	6881 Jasper St., Alta Loma, CA 91701	Cucamonga Valley Water District	500	60	2	1
* Weather-related cancellation, counts per terms & conditions of the agreement.							



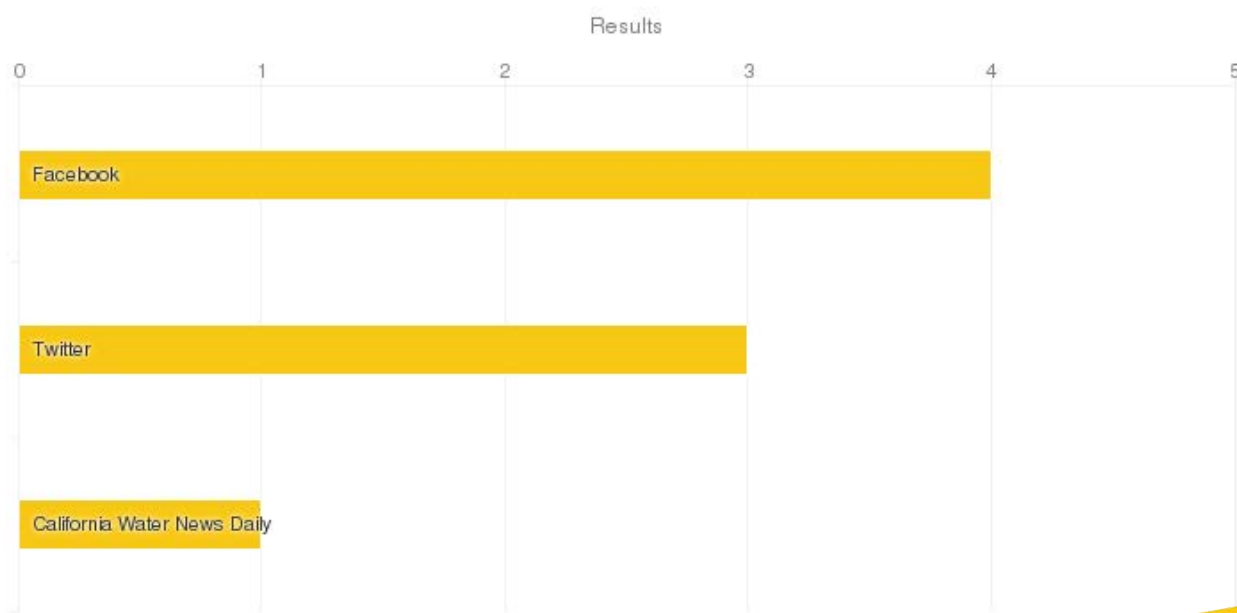
## TOUR SCHEDULE

2/24/2019 - 3/2/2019								Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools	
2/25/2019	Valle Vista Elementary School	7727 Valle Vista Dr., Rancho Cucamonga, CA 91730	Cucamonga Valley Water District	450	17	2	1	
2/25/2019	Floyd M Stork Elem School	5646 Jasper St., Alta Loma, CA 91701	Cucamonga Valley Water District	200	8	1	1	
2/26/2019	Hemlock Elementary School	15080 Miller Ave, Fontana, CA 92336	Fontana Water Company	350	20	2	1	
2/26/2019	Chaparral Elementary School	4849 Bird Farm Rd, Chino Hills, CA 91709	City of Chino Hills	673	25	2	1	
2/27/2019	Edison Academy	515 E 6th St, Ontario, CA 91764	City of Ontario	280	11	1	1	
2/27/2019	David W Long Elementary School	5383 Bridlepath Drive, Fontana, CA 92336	Fontana Water Company	120	6	1	1	
2/28/2019	East Heritage Elem School	14250 E. Constitution Way, Fontana, CA 92336	Cucamonga Valley Water District	600	20	2	1	
2/28/2019	Ramona Academy	4225 Howard St, Montclair, CA 91763	Monte Vista Water	650	24	2	1	
3/1/2019	Foothill Knolls School	1245 Veterans Court, Upland, CA 91786	City of Upland	410	30	2	1	
3/1/2019	Mariposa Elementary School	1605 E D Street, Ontario, CA 91764	City of Ontario	240	9	1	1	
3/3/2019 - 3/9/2019								Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools	
3/4/2019	Levi Dickey Elementary School	2840 Parco Ave, Ontario, CA 91761	City of Ontario	515	20	2	1	
3/4/2019	Saint Margaret Mary School	12664 Central Ave., Chino, CA 91710	City of Chino Public Works	340	30	2	1	
3/5/2019	El Camino Elementary School	1525 W 5th Street, Ontario, CA 91762	City of Ontario	460	18	2	1	
3/5/2019	Randall Pepper Elem School	16613 Randall Ave, Fontana, CA 92334	Fontana Water Company	600	20	2	1	
3/6/2019	Windrows Elementary School	6855 Victoria Park Lane, Rancho Cucamonga, CA 91739	Cucamonga Valley Water District	500	22	2	1	
3/7/2019	Mango Elementary School	7450 Mango Ave, Fontana, CA 92336	Fontana Water Company	700	24	2	1	
3/8/2019	Country Springs Elementary	14145 Village Center Dr, Chino Hills, CA	City of Chino Hills	610	24	2	1	
3/10/2019 - 3/16/2019								Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools	
3/11/2019	Kingsley Elementary School	5625 Kingsley St., Montclair, CA 91763	Monte Vista Water	690	1	2	1	
3/11/2019	Del Norte Elementary School	850 N Del Norte Ave, Ontario, CA 91764	City of Ontario	410	1	2	1	
3/12/2019	Montera Academy of Academic Exploration	4825 Bandera, Montclair, CA 91763	Monte Vista Water District	600	35	2	1	
3/12/2019	Cucamonga Elementary School	8677 Archibald Ave., Rancho Cucamonga, CA 91730	Cucamonga Valley Water District	516	24	2	1	
3/12/2019	Ranch View Elementary School	3300 Old Archibald Ranch Road, Ontario, CA 91761	City of Ontario	326	11	1	1	
3/13/2019	Sierra Vista Elem School	253 E. 14th St., Upland, CA 91786	City of Upland	460	18	2	1	
3/13/2019	Loving Savior Elementary School	14816 Peyton Dr., Chino Hills, CA 91709	City of Chino Hills	115	8	1	1	
3/13/2019	Butterfield Ranch Elementary	6350 Mystic Canyon, Chino Hills, CA 91709	City of Chino Hills	240	10	1	1	
3/14/2019	Locust Elementary School	7420 Locust Ave, Fontana, CA 92336	Fontana Water Company	450	20	2	1	
3/15/2019	Carnelian Elementary School	7105 Carnelian St., Rancho Cucamonga, 91701	Cucamonga Valley Water District	-	-	-	-	
3/15/2019	Sycamore Elementary School	1075 W 13th Street, Upland, CA 91786	City of Upland	407	20	2	1	
3/15/2019	Poplar Elementary School	9937 Poplar Ave, Fontana, CA 92335	Fontana Water Company	635	27	2	1	
WINTER-SPRING 2019 TOTALS:				21,530	922	86	50	
School-related cancellation, does not count towards program totals.								

## Media Exposure (Total Number of Media Mentions)



## Media Source







[https://twitter.com/DelNorte\\_OMSD/statuses/1105206519648284672](https://twitter.com/DelNorte_OMSD/statuses/1105206519648284672)

**D** Del Norte Elementary @DelNorte\_OMSD  
US | Mar 11 • 3:39 PM

Thanks to the **Inland Empire** Utilities Agency for your very educational presentation of **The Water Pirates of Neverland**. Our Thunderbirds are now much more water wise!  
t.co/eZwPhmMrn1

Inland Empire, Water Pirates of Neverland

Inland Empire S2019

190 Reach 3 Engagement Positive



<https://www.facebook.com/162881547070078/posts/2371712992853578>

**Monte Vista Water District**  
Feb 14 • 6:55 PM

Kindergartners at Mission Elementary School learned about the importance of water from Captain Doorknob and Kip with **The National Theatre for Children's "The Water Pirates of Neverland Run Aground."** MVWD is dedicated to educating s

National Theatre for Children, Water Pirates of Neverland

Inland Empire S2019

260 Reach Positive



Arroyo Elementary @Arroyo\_omsd

US | Feb 9 • 1:01 PM

Thank you **National Theatre for Children** Water Pirates, City of Ontario, **IEUA**. [t.co/4dSR0Cegx5](https://t.co/4dSR0Cegx5)



National Theatre for Children, IEUA

Inland Empire S2019

333 Reach

2 Engagement

Positive

[https://twitter.com/Arroyo\\_omsd/statuses/1094310428925091840](https://twitter.com/Arroyo_omsd/statuses/1094310428925091840)

**California Water News Daily**

**DON'T MISS** World Water Day Message from SAWPA – Tap Water is Rigorously Tested and Safe to Drink

Home > Industry > Inland Empire Utilities Agency Debuts The Water Pirates of Neverland: Run Aground! for Children

## Inland Empire Utilities Agency Debuts The Water Pirates of Neverland: Run Aground! for Children

By California Water News Daily on February 4, 2019

**SHARE** **TWEET** **SHARE** **+** **SHARE** **0 COMMENTS**

Southern California's Inland Empire Utilities Agency (IEUA), in partnership with The National Theatre for Children (NTC), will visit 50 local elementary schools with live performances of *The Water Pirates of Neverland: Run Aground!* from Feb. 4 to 13. Performances by the professional actors from NTC will aid in sparking conversations on water conservation in classrooms throughout IEUA's service area while IEUA and its partnering retail agencies sponsor every aspect of the program.

The program will focus on the uses of water, the importance of water, how to conserve water, and ways in which water gets polluted. In addition to live performances, the program includes student playbooks (print and online versions), teacher guides, e-books, and digital games and activities that align with the important concepts outlined in the live shows. IEUA and its partnering agencies make the performances and materials a cost-free supplement to lessons in science, literacy and the arts.

The live program revolves around famed pirate, Captain Doorknob, whose ship has run aground on a desert island. With the help of student volunteers – as well as colorful characters like PJ the Penguin and Toni the Flipper, a dolphin angry about water pollution – Captain Doorknob learns about water conservation and sets out to get his ship back on the high seas.



<http://californiawaternewsdaily.com/industry/inland-empire-utilities-agency-debuts-the-water-pirates-of-neverland-run-aground-for-children/>

**Inland Empire Utilities Agency**  
January 30 · 🌐

The Water Pirates of Neverland: Run Aground! Energizes California Students. Read the full press release here: [www.ieua.org/category/news/](http://www.ieua.org/category/news/)

# NEWS RELEASE




**Inland Empire Utilities Agency**  
Water Utility Company

[Send Message](#)

👍 1

<https://www.facebook.com/121899507980491/posts/894848264018941>

**Water - EnvironmentGuru.com**  
Feb 4 · 12:18 PM

Southern California's **Inland Empire** Utilities Agency (IEUA), in partnership with The **National Theatre for Children** (NTC), will visit 50 local elementary schools with live performances of **The Water Pirates of Neverland**.

Inland Empire, IEUA, National Theatre for Children, NTC, Water Pirates of Neverland

Inland Empire S2019

Neutral

**California Water News Daily**  
Feb 4 · 11:11 AM

Southern California's **Inland Empire** Utilities Agency, in partnership with The **National Theatre for Children**, will visit 50 local elementary schools with live performances of **The Water Pirates of Neverland: Run Aground!** from Feb.

Inland Empire, National Theatre for Children, Water Pirates of Neverland

Inland Empire S2019

328 Reach Positive

**Inland Empire Utilities Agency**  
Jan 30 · 8:25 AM

The **Water Pirates of Neverland: Run Aground!** Energizes California Students. Read the full press release here: [www.ieua.org/category/news/](http://www.ieua.org/category/news/)

Water Pirates of Neverland, ieua

Inland Empire S2019

526 Reach Neutral



# the WATER PIRATES of Neverland RUN AgROUND



**An In-school Water Conservation Program  
Final Evaluation Report  
Winter-Spring 2019**

Prepared for:



The National Theatre for Children  
6305 Sandburg Road, Suite 100  
Minneapolis, MN 55427  
Tele: 763-452-1100  
[www.ntccorporate.com](http://www.ntccorporate.com)

***Shows That Teach***

***FY 2018-2019***





## Water Education School Assembly Program Provided for IEUA

Building Block Entertainment Inc. ("Shows That Teach") offers elementary schools a choice from two original theatrical production: "H2O, Where Did You Go?" and "Waterology". With the purpose of teaching and engaging, both of these two productions use a blend of the following performing styles and techniques.

**Original water education songs** - Our songs not only raise the energy in the room and engage students, but they stay in the minds of students and teachers long after the performance.

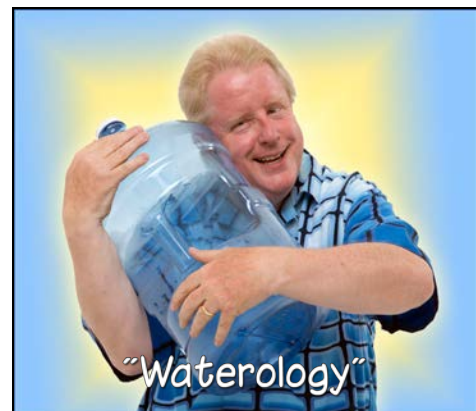
**Student role-play on stage** - Students are most engaged when they see students on stage acting out a funny story with a teaching point.



**Humor** - Most good assembly presenters use comedy to entertain. But after years of performing in elementary schools and reviewing hundreds of hours of video of our performances, we have perfected exactly what makes a kindergartener AND a sixth grade student laugh. We have the experience in knowing how and when to refocus students' attention on the serious messages in our shows.

**Audience participation** - This is a must! For example, we sing a funny song about how to not waste water. At the end of the song we get the entire audience to sing, in cheeky way, "Turn it off, turn it off!"

**Visual aids** - We use a large, hand-painted mural of a water scene in our show. This is not only decorative, but is actively used to demonstrate concepts like the flow of water down a mountain, rivers, dams, reservoirs, etc. Any teacher will tell you that visual aids help children understand and retain concepts.



Using the above methods, our “H2O, Where Did You Go?” and “Waterology” productions address the following topics and more:

- **Water is essential for humans to survive**
- **The journey of water**
- **The water cycle**
- **Definition of H2O**
- **Where fresh drinking water originates**
- **Three states of water**
- **Why it is necessary to conserve water in Southern California**
- **Ways that all of us can conserve water**
- **Value of water**
- **Various bodies of water (terms like aqueduct, aquifer, reservoir, etc.)**



Each energetic and interactive performance lasts about 45 minutes. Students and teachers leave with songs in their hearts and ideas in their minds.

### **Links to sample video clips of our performances:**

#### **“Waterology”**

<https://youtu.be/mJAQUsEE40s>

#### **“H2O, Where Did You Go?”**

<https://youtu.be/HibNv7mPPiQ>



[www.showthatteach.com](http://www.showthatteach.com)

# Shows That Teach Teacher Feedback

FY 18/19

School:	Date:	Show:	Grade the show:	Please share your impression of the assembly:	Your name:	Grade you teach:
Upland Elementary School	12/19/2018	H2O Where Did You Go? Assembly	A+	Very engaging. Love it every year. The kids leave singing the songs.	Connie	First Grade
Upland Elementary School	12/19/2018	Waterology Assembly	A	Very engaging, interactive, and full of great water saving tips for students to learn. The kids especially love how you do it all through music. Great performance. Thanks!	Stephanie Masterson	Fifth Grade
Upland Elementary School	12/19/2018	H2O Where Did You Go? Assembly	A+	It was a great assembly, but we think our kids would benefit from other topics besides water conservation, since we have seen that one for 3 years in a row.	Savita Bal	Third Grade
Upland Elementary School	12/19/2018	H2O Where Did You Go? Assembly	A+	The presenters were excellent; very engaging with our students. Our students really enjoyed the performance and I think understood the message of the assembly.	Derek Neri	6th Grade
Ontario Christian Elementary	3/6/2019	Waterology Assembly	A+	The assembly was engaging, funny, extremely interactive for all of the audience, and informative. The kids really enjoyed it.	Derek Neri	7th Grade



## *Garden in Every School*

*FY 2018-2019*



GARDEN IN EVERY SCHOOL



# “Water Wise” Garden in Every School® 2018/19 Garden Funding Program

## Introduction to the Garden in Every School® Program:

The Garden in Every School® Program (GIES) in the western Inland Empire region was initiated in 2004 to provide a native landscape garden to approximately four schools per year within Inland Empire Utilities Agency’s (IEUA) service area (Chino, Chino Hills, Fontana, Upland, Ontario, Montclair, and Rancho Cucamonga). Each year, approximately four schools will be selected from a pool of competitive applicants to participate in the Garden in Every School® Program (GIES).



The purpose of the GIES program is to educate school-age children and their families, school staff, and other community members about the efficient use of water through the establishment of thematic school gardens that feature climate appropriate plants and more efficient irrigation methods that are coordinated with provision state-aligned curriculum materials. Building this relationship with the schools is significantly important to IEUA and its partners. Through GIES, participating schools, school boards, and maintenance districts are introduced to water-use efficiency opportunities through new irrigation techniques, low water use plants, and curriculum.



Schools participating in the garden funding program will receive the following:

- Assistance in the establishment of a thematic garden, including site selection, irrigation installation, design and installation of the garden (*Note: Site clearing is the responsibility of the school and maintenance team*);
- Funding of climate appropriate plants, vegetables, garden tools, irrigation equipment and state-aligned curriculum materials;
- Access to state-aligned curriculum materials promoting the efficient use of water for teachers and parents;
- An opportunity to showcase your school and stand out as an environmental steward in your community.



## Program Sponsors and Partners:

Sponsors and partners in the Garden in Every School® Program include the Inland Empire Utilities Agency (IEUA), Chino Basin Water Conservation District (CBWCD), the Cities of Chino, Chino Hills, Ontario, Upland, Cucamonga Valley Water District (City of Rancho Cucamonga), Monte Vista Water District (City of Montclair), Fontana Water Company, San Antonio Water Company (City of Upland); and the Lewis Group of Companies. Each of the partners in the Garden in Every School® Program strive to enhance the quality of life in the Inland Empire by promoting water-use efficiency and environmental protection through the Garden in Every School® Program.

## CONTACTS:

**Michelle O’Brien (IEUA):** 909.993.1741; [mobrien@ieua.org](mailto:mobrien@ieua.org)

**Andrea Carruthers (IEUA):** 909.993.1935; [acarruthers@ieua.org](mailto:acarruthers@ieua.org)

**Lisa Morgan-Perales (IEUA):** 909.993.1520; [lp Perales@ieua.org](mailto:lp Perales@ieua.org)





## School Qualifications:

Public and private schools in IEUA and its retail agencies' service area (i.e. schools within the cities of Chino, Chino Hills, Fontana, Ontario, Montclair, Rancho Cucamonga, Upland, and a small portion of Rialto and Bloomington) are eligible to apply for the school garden funding program, providing the following:

- Schools must attend the recruitment and program overview workshop.
- A completed application must be submitted by the **March 29, 2018 deadline**. The application must contain signatures of commitment from the Maintenance/Facilities Manager, the appointed Lead Teacher, Lead Parent, Principal, and have the Superintendent's approval.
- Sites are not limited in size, but if the site is large, a suitable support team of volunteers must be demonstrated.  
**Note: The limit of vegetable beds is to not exceed seven.**
- Eligible schools must exhibit a commitment to sustaining the garden and intend to use it for curriculum connections in post-project years.
- The school must commit to hands-on participation by teachers, parents and students on specified planting and garden work days.
- In accepting this funding, the school also agrees to provide a summary and evaluation of the project when complete, describing how the teachers used the landscape for garden-based education, including efficient water usage.
- Schools must participate in a garden dedication ceremony for the students, school staff, parents, and community members, including partnering agencies, program sponsors and the media.
- **All funded items become the property of the school and IEUA and partners are not liable or responsible for the continued maintenance/care of the garden.**

## Garden in Every School® Grant Amount:

Participants will be awarded a garden grant valued up to a maximum of \$4,500 in contract labor/equipment rentals, irrigation hardware, plants, and additional garden equipment/materials (per approval) relating to the garden. IEUA's and our contractor's staff time in coordinating and administering the program is not included in the grant award.

## Past Participants:

### 2004/2005

Alta Loma Elementary  
Butterfield Ranch Elementary  
Euclid Elementary  
Grant Elementary  
Lehigh Elementary  
Magnolia Elementary  
Rhodes Elementary

### 2005/2006

Coyote Canyon Elementary  
Foothill Knolls Elementary  
Hidden Trails Elementary  
Newman Elementary  
North Tamarind Elementary  
Ranch View Elementary

### 2006/2007

Buena Vista Arts-Integrated  
El Rancho Elementary  
Liberty Elementary  
Litel Elementary  
Poplar Elementary  
Sycamore Elementary  
Victoria Groves Elementary

### 2007/2008

Chaparral Elementary  
Linda Vista Elementary  
Peppertree Elementary  
Los Amigos Elementary  
Oak Park Elementary  
Our Lady of the Lourdes

### 2008/2009

Glenmeade Elementary  
Jasper Elementary  
Ontario Center School  
Perdew Elementary  
Grapeland Elementary

### 2009/2010

Stork Elementary  
Baldy View Elementary  
Howard Cattle Elementary  
Mariposa Center School

### 2010/2011

Rancho Cucamonga High  
Montera Elementary  
Briggs Elementary  
Mission Elementary  
Oxford Prep. Academy

### 2011/2012

Los Osos High School  
Monte Vista Elementary  
Redeemer Lutheran  
Upland High School

### 2012/2013

Edison Academy  
Etiwanda Intermediate  
Sultana Elementary  
Vina Danks Middle School

### 2014/2015

Cal Aero Preserve  
Cypress Elementary  
Country Springs  
Elementary

### 2015/2016

Citrus Elementary  
Cortez Elementary  
Eagle Canyon  
Elementary  
Etiwanda Colony  
Golden Elementary  
Truman Middle School

### 2016/2017

Arroyo Elementary  
Montclair High School  
Rolling Ridge Elementary  
Townsend Junior High



### **Grant Application Supplemental Checklist:**

- ☐ Contacts (p.1)
- ☐ GIES School Proposal (p.2)
  - ☐ Box 1 (p.3)
  - ☐ Box 2 (p.4)
  - ☐ Box 3 (p.5)
  - ☐ Box 4 (p.6)
  - ☐ Box 5 (p.7)
  - ☐ Box 6 (p.8)
  - ☐ Box 7 (p.9)
- ☐ Signature Page (p.10)



Garden in Every School® Program

# Grant Application

Supplemental

# 2018/2019 Garden in Every School® Program Garden Funding Program Application Form

## Contacts

DATE:	
SCHOOL NAME:	
SCHOOL ADDRESS:	
SCHOOL PHONE:	
SCHOOL DISTRICT:	
SUPERINTENDENT:	
PRINCIPAL:	PHONE: E-MAIL:
LEAD TEACHER:	PHONE: E-MAIL:
LEAD PARENT:	PHONE: E-MAIL:
DISTRICT GROUNDS LEAD (or equivalent):	PHONE: E-MAIL:

**Please respond to the following seven items on the supplemental proposal.  
Keep each section separate and be direct.  
Use bullets and create lists where it's appropriate.**

- 1. Describe how you intend to align your garden with curriculum and student/parent/ community activities. List the names of the teachers and/or teaching assistants that will be using the garden for curriculum.**
- 2. Identify the number of students in your school, classes and students who would be involved in this project during installation, classroom activities in the garden, and maintaining the garden (include clubs, etc). List the names of teachers and staff that will be involved.**
- 3. Please indicate the person who will be in charge of maintaining the garden during the school year and during the summer. List how maintenance of the garden will be accomplished. Please give their name, titles, and contact information. If these persons leave, please describe how those duties will be transferred.**
- 4. Include a school site map and mark the location of two potential garden sites; the location of existing irrigation/water sources, and a garden sketch of what you envision your garden containing at the site. (if you are not graphically inclined then say what type of garden you'd like and what elements; i.e.: Native, Drought Tolerant, Edible Forest, Vegetable Beds etc...) Photographs are encouraged. Include dimensions, current use, and describe activities you would like to have in your garden.**
- 5. List three potential Garden Dedication Dates in Spring of 2019. It is recommended that you include dedication events with school activities like an ice cream social or open house to maximize parent involvement. (NOTE- this is an opportunity for you to celebrate your school's accomplishments with your parents and local officials. The more people present to applaud your success, the better! ) Please include a 2018-19 school year calendar for your school.**
- 6. Describe in detail why your school is a good candidate for this garden funding program i.e. Will there be community and parent involvement? Will extra funding be available through outside groups? What will make this program succeed at your school? Other sponsors and outside funding are encouraged. Please attach any letters of intent from additional sponsors.**
- 7. The success of your school garden depends on the commitment of a dedicated team from each school consisting of the Principal, Lead Teacher(s), and Lead Parent(s). There are many tasks and responsibilities throughout the program which require the team's involvement including site preparation, garden design, irrigation, work days, planting days, seeking outside funding and sponsors, and a dedication. Please identify who is the main contact person for your school, and what element each person on your team will be responsible for. Please mention if any of your team members have experience in gardening and/or landscaping.**

1. Describe how you intend to align your garden with curriculum and student/parent/community activities. List the names of the teachers and/or teaching assistants that will be using the garden for curriculum.



2. Identify the number of students in your school, classes and students who would be involved in this project during installation, classroom activities in the garden, and maintaining the garden (include clubs, etc). List the names of teachers and staff that will be involved.

3. Please indicate the person who will be in charge of maintaining the garden during the school year and during the summer. List how maintenance of the garden will be accomplished. Please give their name, titles, and contact information. If these persons leave, please describe how those duties will be transferred.

4. Include a school site map and mark the location of two potential garden sites; the location of existing irrigation/water sources, and a garden sketch of what you envision your garden containing at the site. (if you are not graphically inclined then say what type of garden you'd like and what elements; i.e.: Native, Drought Tolerant, Edible Forest, Vegetable Beds etc...) Photographs are encouraged. Include dimensions, current use, and describe activities you would like to have in your garden

**5. List three potential Garden Dedication Dates in Spring of 2019. It is recommended that you include dedication events with school activities like an ice cream social or open house to maximize parent involvement. (NOTE- this is an opportunity for you to celebrate your school's accomplishments with your parents and local officials. The more people present to applaud your success, the better! ) Please include a 2018-19 school year calendar for your school.**

6. Describe in detail why your school is a good candidate for this garden funding program i.e. Will there be community and parent involvement? Will extra funding be available through outside groups? What will make this program succeed at your school? Other sponsors and outside funding are encouraged. Please attach any letters of intent from additional sponsors.

7. The success of your school garden depends on the commitment of a dedicated team from each school consisting of the Principal, Lead Teacher(s), and Lead Parent(s). There are many tasks and responsibilities throughout the program which require the team's involvement including site preparation, garden design, irrigation, work days, planting days, seeking outside funding and sponsors, and a dedication. Please identify who is the main contact person for your school, and what element each person on your team will be responsible for. Please mention if any of your team members have experience in gardening and/or landscaping.

# Signature Page

**APPLICATION DEADLINE: Thursday, March 29, 2018 by 4:00pm**

DISTRICT GROUNDS LEAD SIGNATURE:

LEAD TEACHER'S SIGNATURE:

LEAD PARENT'S SIGNATURE:

PRINCIPAL'S SIGNATURE:

SUPERINTENDENT'S SIGNATURE:

Please coordinate with fellow teachers, parents and principals to ensure one application per school is submitted.

For more information contact Michelle O'Brien @ (909) 993-1741

To apply either email or mail to:  
[mobrien@ieua.org](mailto:mobrien@ieua.org)

Inland Empire Utilities Agency  
ATTN: Michelle O'Brien  
6075 Kimball Ave.  
Chino, CA 91708

IEUA & Partnering Agencies Present

**FREE**

# PROJECT W.E.T. & GARDEN IN EVERY SCHOOL® WORKSHOP

**February 26, 2019 | 8 AM to 3 PM**

**At IEUA HQ Building B**

**6075 Kimball Ave.**

**Chino, CA 91708**

Project W.E.T. (Water Education for Teachers) is an award winning, non-profit water education program and publisher that engages students with hands-on activities and interdisciplinary lessons that teach important concepts about water.

**The workshop will include the following**

**at NO COST:**

- 💧 Hands-on Environmental Education Curriculum
- 💧 Project W.E.T. Curriculum & Activity Guide
- 💧 Information on the Garden in Every School® Program and Grant Qualification\*
- 💧 Continental Breakfast and Lunch will be served

**SUBSTITUTE REIMBURSEMENTS MAY BE AVAILABLE!  
CONTACT ANDREA FOR MORE INFO.**

*\*Attendance at this workshop is mandatory for those interested in applying for the 2019-2020 Garden in Every School® Grant Program.*

## RSVP

To: Andrea Carruthers

At: [acarrutherseieua.org](mailto:acarrutherseieua.org) or (909) 993-1935

By: February 19, 2019



Project WET activities engage students with hands-on, interdisciplinary lessons that teach important concepts about water.

Partnering Agencies: Chino, Chino Hills, Cucamonga Valley Water District, Fontana Water Company, Monte Vista Water District, Ontario Municipal Utilities Company, and Upland.





# Garden in Every School® Program Overview

The purpose of the GIES program is to educate children and their families, school staff, and other community members about the efficient use of water through the establishment of thematic school gardens that feature climate appropriate plants and efficient irrigation methods.

- Program began in 2004
- Installed 60 gardens since inception
- \$4,500 assisted grant
- School representative must attend workshop to be eligible
- Approximately four schools per year are selected
- Build relationships with schools and introduce water-use efficiency opportunities through new irrigation techniques, low water use plants and state-aligned curriculum
- Promote hands-on outdoor learning
- Aims to build water-wise educator networks



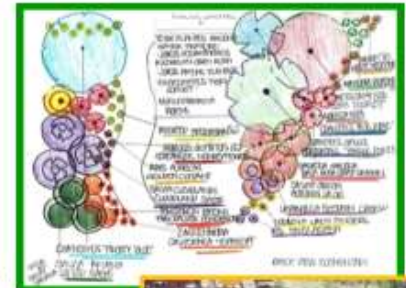
## Benefits of School Gardens as Outdoor Classrooms

- Encourages wise-water usage.
- Underscores good nutritional habits.
- Illustrates the web of life.
- Celebrates multi-cultural awareness.
- Effective with different learning styles (sight, smell, taste and touch).
- Increases students' self-esteem.
- Enhances academic instruction.
- Builds teamwork.



## What the Program Includes

- \$4,500 grant funding
- Assistance in the establishment of a theme garden
  - Site selection
  - Irrigation installation
  - Design and installation of the garden (Note: Site clearing is the responsibility of the school and maintenance team)
- Funding of climate appropriate plants, vegetables, garden tools, irrigation equipment.
- Access to state-aligned curriculum materials promoting the efficient use of water for teachers and parents.
- And to showcase your school and stand out as an environmental steward in your community.



## What the Program Does Not Include

- Site Clearing
- Longevity Maintenance
  - Minimum four year commitment
- Additional Labor
- Grant funding cannot be used to purchase non-related garden materials including text books, fences, benches, water features, etc.



## Garden in Every School Grant Fund Allocation

FY 2018-2019		
Schools	Grant Amount	Items Purchased
Hillside High School	\$4,142.15	PVC Pipe, drip tubing, lumber, hardware, soil, mulch, vegetable plants, citrus trees, hoses, shovels, rakes, pruners, and gloves.
St. George Parish	\$4,217.27	California Native and California Friendly plants, vegetable plants, PVC pipe, valve boxes, controller and mulch.
Valley View High School	\$4,052.17	Irrigation controller, valve boxes, PVC pipe, fruit trees, California Native and California Friendly plants, containers.
<b>Total</b>	<b>\$12,411.59</b>	

***IEUA Annual Special Events***  
***FY 2018-2019***



*Save the Date*

# LANDSCAPE & WATER CONSERVATION FESTIVAL

**FREE!**

**Oct 20, 2018 | 9 AM - 2 PM**

**FUN FOR THE WHOLE FAMILY!**

FOOD TRUCK ● PUMPKIN PATCH  
KIDS ACTIVITIES ● GIVEAWAYS  
WORKSHOPS ● RAFFLES  
LIVE ENTERTAINMENT



**WATERWISE COMMUNITY CENTER**  
**4594 SAN BERNARDINO ST.**  
**IN MONTCLAIR**



Sponsored by: Chino Basin Water Conservation District,  
Chino Basin Watermaster, Cities of Chino, Chino Hills, Ontario,  
Upland, Fontana Water Company, Inland Empire Utilities Agency,  
Monte Vista Water District, and San Antonio Water Co.



# Water is Life

## Student Art Poster Contest 2019

Using the theme *Water is Life*, students in Grades K-12 in schools within the service area of the Inland Empire Utilities Agency are invited to create an art poster depicting various water uses, ways to use water more efficiently, or water conservation topics:

- \* Inside or outside of the home
- \* At school
- \* In the environment
- \* In agriculture
- \* In business & industry
- \* In recreation
- \* Use of drought-tolerant plants
- \* Use of efficient irrigation systems



**Deadline for Entries - March 14, 2019 by 5 p.m.**

***See reverse for rules and submission details***



### Award Categories:

Grades K-5: 1st, 2nd and 3rd Place

Grades 6-8: 1st, 2nd and 3rd Place

Grades 9-12: 1st, 2nd and 3rd Place

### Prizes:

First Place: \$50 Book Store Gift Card

Second Place: \$35 Book Store Gift Card

Third Place: \$25 Book Store Gift Card

**The 1<sup>st</sup> FIVE classes to submit posters with 100% class participation will receive an art kit.**

\$100 School Supply or Office Supply Store Gift Card for teachers of winning student artists!



**For more information, please contact**

**Andrea Carruthers at 909.993.1935**

**or [acarruthers@ieua.org](mailto:acarruthers@ieua.org)**

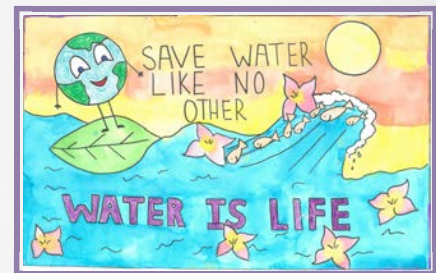




# Poster Contest Rules

1. **Artwork must be 12" x 18" in size** and drawn on WHITE poster board or WHITE drawing paper (Oversized artwork WILL NOT be accepted). Paper is available upon request.
2. Artwork must have **AT LEAST a one-inch white or blank border** on all four sides. (A graphics and framing requirement!)
3. Posters **MUST be drawn HORIZONTALLY**. Vertical artwork WILL NOT be accepted.
4. A "short" water message **MUST** be written on the artwork, but not necessarily the words "Water is Life." The less words written, the better. Words **MUST** be spelled correctly. **CHECK SPELLING and PUNCTUATION carefully!**
5. Art media: Use one or more of the following materials: crayons, pencils, watercolor, paints, markers, ink, pastels, chalk, cut paper or fabric. **BOLD, BRILLIANT & BRIGHT COLORS are preferred!**
6. **Artwork must be ORIGINAL!** (no traced, trademarked or copyrighted characters and slogans, such as Snoopy, SpongeBob, Disney, Dora the Explorer, etc.). No "copycat" ideas of artwork from past posters or calendars. Artwork **MUST** be "truly" the hands-on work of the student and realistically represent the age, grade and developmental skill level of the students. We reserve the right to question or disqualify any artwork.
7. Each poster **MUST** have the following information **TYPED on a 4" x 6"** card or piece of paper and **TAPED** to the back center of the poster. Make sure names are spelled correctly!

Student's Name	Parent/Guardian's Name
Student's Grade Level	Parent/Guardian's Phone Number
School Name	School District
School Phone Number	Water Agency:
Teacher's Name	(Inland Empire Utilities Agency)
Teacher's Email Address	Water Agency Contact:
	(Andrea Carruthers)



8. Parents or guardians of students must sign a Student Artwork Rights/Approval Form. Submitted artwork becomes the property of Inland Empire Utilities Agency.

**Deadline for Entries: Thursday, March 14, 2019 by 5 p.m.**

**Bring Entries/ Mail to: Inland Empire Utilities Agency, BLD. A  
6075 Kimball Avenue  
Chino, CA 91708**

**Or**

**Contact for Pick-up of Entries: Andrea Carruthers  
Inland Empire Utilities Agency  
909.993.1935 | [acarruthers@ieua.org](mailto:acarruthers@ieua.org)**

# Student Artwork Rights / Parental Approval Form

Any submission becomes the property of the Metropolitan Water District of Southern California (Metropolitan) and the Inland Empire Utilities Agency (Agency), and the submission may or may not be returned. Metropolitan and Agency have the right to use any selected poster for its “*Water is Life*” calendar and promotional items, publish the name and school affiliation of the student, and for any other Metropolitan and Agency public relations use. This includes but is not limited to Metropolitan’s and Agency’s websites, display of the original or copies of a poster at exhibit events and reproduction of copies on such items as T-shirts, stickers and postcards.

Cualquier poster concursante se convierte en propiedad de Metropolitan Water District of Southern California (Metropolitan) y la Inland Empire Utilities Agency (Agency). El poster podría o no ser devuelto al dueño. Metropolitan y la Agency tienen el derecho de usar cualquier poster concursando en “*El Agua Es Vida*” calendario, publique el nombre y la afiliación escolar del estudiante para uso en cualquier tipo de relaciones públicas. Estas actividades incluyen pero no se limitan a la exhibición del poster original o su copia por la red electrónica, en eventos, o la reproducción de copias en artículos como camisetas, calcomanías y tarjetas postales.

\_\_\_\_\_ **Yes**, I approve of my child’s artwork being featured in the Metropolitan and Agency calendars and on any non-profitable promotional education items.

\_\_\_\_\_ **Si**, Yo estoy de acuerdo de que el trabajo de arte de mi hijo/a sea parte del calendario de Metropolitan y de cualquier otro objeto educativo de promociones no lucrativas.

\_\_\_\_\_ **No**, I do not approve of my child’s artwork being featured in the Metropolitan and Agency calendars and on any non-profitable promotional education items.

\_\_\_\_\_ **No**, No estoy de acuerdo de que el trabajo de arte de mi Hijo/a sea parte del calendario de Metropolitan, ni en ningún objeto educativo de promociones no lucrativas.

**Student’s Name (please print)/Nombre del Estudiante (letra de imprenta)**

\_\_\_\_\_

**Student’s School (please print)/ La escuela del estudiante (letra de imprenta)**

\_\_\_\_\_

**Parent/Guardian Signature/Firma del Padre/Guardian:**

**Date**

\_\_\_\_\_

\_\_\_\_\_



# Water is Life Poster Contest 2019 Winners



Jayden Herrera-Porras, 1st Grade  
Liberty Elementary



Sabrina Fu, 5th Grade  
Chaparral Elementary



Isabella Jimenez, 4th Grade  
Howard Cattle Elementary



Emma Chiang Pei Yun, 5th Grade  
Pepper Tree Elementary



Luciana Del Aguila, 4th Grade  
Bear Gulch Elementary

Kindergarten-5th Grade  
Category

# Water is Life Poster Contest 2019 Winners



Pianpian Wu, 6th Grade  
Wickman Elementary



Vicky Zhu, 6th Grade  
Wickman Elementary



Aiden Wisely, 6th Grade  
Magnolia Elementary



Michelle Saldana, 8th Grade  
Truman Middle School



Tilly Kakuk, 6th Grade  
Wickman Elementary

6th-8th Grade  
Category



# Water is Life Poster Contest 2019 Winners



**Brandon Smith, 11th Grade**  
Chino Hills High School



**Luis Vasquez, 10th Grade**  
Chaffey High School



**Tiffany Ma, 11th Grade**  
Chino Hills High School



**Yunqing (Crystal) Duan, 10th Grade**  
Chino Hills School



**Madeline Bulman, 10th Grade**  
Chino Hills High School

*9th-12th Grade*  
*Category*

# EARTH DAY

CELEBRATION

Presented by the  
Inland Empire  
Utilities Agency  
and City of Chino

Thursday

APRIL  
18

2019

4-7 PM

FREE

- Tour the Park
- Environmental Exhibits
- Environmental Shows
- Earth Friendly Activities
- KGGI 99.1 RADIO
- Giveaways and More!

## PARKING & EVENT LOCATION

Chino Creek Wetlands & Educational Park  
Limited parking. Carpooling is encouraged.

LOT A | 8075 Kimball Avenue, Chino 91708  
Free Electric Vehicle Charging Stations  
LOT B | 15975 El Prado Road, Chino 91708



THE CHINO CREEK WETLANDS AND EDUCATIONAL PARK WAS PARTIALLY FUNDED BY A GRANT FROM THE STATE WATER RESOURCES CONTROL BOARD  
IEUA | [WWW.IEUA.ORG](http://WWW.IEUA.ORG) | 909.993.1600 | CITY OF CHINO | [WWW.CITYOFCHINO.ORG](http://WWW.CITYOFCHINO.ORG) | 909.334.3472





## The Program

Solar Cup™ is a seven-month educational program, sponsored by The Metropolitan Water District of Southern California, in which high school students build and race solar-powered boats, learn about conservation of natural resources, electrical and mechanical engineering, problem solving and much more. Teams are entered and sponsored by Metropolitan's member agencies and local water utilities.

Single-seat boats, 16-feet-long, are built from kits of marine-grade plywood provided by Metropolitan. Teams equip the boats with steering, solar panels, batteries and motors producing up to 320 watts. The maximum weight, including the skipper, is 450 pounds.

## Event Schedule

**Friday, May 17:** Qualifying events

**Saturday, May 18:** Endurance races using solar energy collection panels

**Sunday, May 19:** Sprint races, using energy stored in batteries, and an awards ceremony



## Fun Facts

- Metropolitan's Solar Cup™ program began in 2002 with just eight high schools and about 100 students participating. In 2018, it has grown to 38 high schools and about 800 students.
- In addition to building the solar-powered boat, teams are required to submit two technical reports and create a water conservation public service project.
- Metropolitan provides the teams with boat kits and tools; local water agencies sponsor new teams with \$4,000 and returning teams with \$2,500 to equip their boats.
- Newcomer teams and returning teams compete in separate divisions.
- Returning teams must build new boats each year, but may use equipment from previous boats.
- Boat speeds in the 200-meter sprint races—in which the solar panels are removed and power comes from solar-charged batteries—can reach up to 15 miles per hour.
- The endurance race is won by the boat that circles the 1.6km course the most times during the two, 90-minute heats.
- Metropolitan encourages Solar Cup™ participants to consider careers in water and resource management.
- Students have said that participating in Solar Cup™ encouraged them to go to college and to pursue careers in engineering or environmental sciences.



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

[mwdh2o.com](http://mwdh2o.com) [bewaterwise.com](http://bewaterwise.com)®





# Participants & Sponsors

**Anaheim HS** Anaheim, Anaheim Public Utilities  
**Burbank HS** Burbank, Burbank Water & Power  
**Cabrillo HS** Long Beach, Long Beach Water Department  
**Calabasas HS** Calabasas, Las Virgenes MWD  
**Centennial HS** Corona, Western MWD, City of Corona DWP\*  
**Centinela Valley Union HS** Lawndale, West Basin MWD\*  
**Chino Hills HS** Chino Hills, Inland Empire Utilities Agency, City of Chino Hills  
**Compton HS** Compton, City of Compton  
**Costa Mesa HS** Costa Mesa, Municipal Water District of Orange County, Mesa Water District  
**Del Lago Academy** Escondido, San Diego County Water Authority  
**Diamond Ranch HS** Pomona, Three Valleys MWD, Walnut Valley, City of Pomona  
**Don Bosco Technical Inst.** Rosemead, Upper San Gabriel Valley MWD\*  
**Downey HS** Downey, Central Basin MWD  
**Eastvale STEM Academy @ Roosevelt HS** Corona, Western MWD, Jurupa Community Services District\*  
**Elsinore / Lakeside / Temescal Canyon HS** Wildomar, Western MWD, Elsinore Valley MWD  
**Franklin HS** Los Angeles, Los Angeles Department of Water and Power  
**Ganesha HS** Pomona, Three Valleys MWD, City of Pomona  
**Hemet USD Team** Hemet, Eastern MWD, Rancho California Water District  
**High Tech High North County** San Marcos, San Diego County Water Authority  
**John Muir HS** Pasadena, Pasadena Water & Power

**La Cañada HS** La Cañada Flintridge, Foothill MWD, La Cañada Irrigation District, Valley Water Company  
**Lennox Math, Science & Technology Academy** Lennox, West Basin MWD  
**Los Altos HS** Hacienda Heights, Upper San Gabriel Valley MWD  
**Los Osos HS** Rancho Cucamonga, Inland Empire Utilities Agency, Cucamonga Valley Water  
**Magnolia HS** Anaheim, Anaheim Public Utilities\*  
**McBride HS** Long Beach, Long Beach Water Department  
**Mira Costa HS** Manhattan Beach, West Basin MWD  
**Mountain View HS** El Monte, Upper San Gabriel Valley MWD  
**Nogales HS** La Puente, Three Valleys MWD, Rowland Water District  
**Norte Vista HS** Riverside, Western MWD, Riverside Public Utilities  
**Oaks Christian School** Westlake Village, Las Virgenes MWD\*  
**Oxford Academy** Cypress, Municipal Water District of Orange County, Golden State Water  
**Palos Verdes HS** Palos Verdes Estates, West Basin MWD  
**Perris Union High SD Team** Romoland, Eastern MWD, Rancho California Water District  
**Pomona HS** Pomona, Three Valleys MWD, City of Pomona\*  
**San Jacinto Valley Academy** San Jacinto, Eastern MWD, Rancho California Water District\*  
**Sierra Vista HS** Baldwin Park, Upper San Gabriel Valley MWD\*  
**Temecula Valley USD Team** Temecula, Eastern MWD, Rancho California Water District  
**Upland HS** Upland, Inland Empire Utilities Agency, City of Upland  
**Venice HS STEMM Magnet** Los Angeles, Los Angeles Department of Water and Power

HS - High School    MWD - Municipal Water District    \* - New Participant

## Directions

Take I-15 to Rancho California Road, Temecula; go northeast 10 miles to main gate. Riverside County Thomas Guide page 930, 4-D.

Solar Cup™ video, photos, rules and more are available at [mwdh2o.com/solarcup](http://mwdh2o.com/solarcup).

700 N. Alameda St., Los Angeles, CA 90012  
P.O. Box 54153, Los Angeles, CA 90054-0153  
213-217-6000

email: [SolarCup@mwdh2o.com](mailto:SolarCup@mwdh2o.com)



***IEUA Water Softener Rebate Program***

***FY 2018-2019***

# Automatic Water Softener Removal Rebate is a **WIN-WIN!**



It puts more money in your pocket  
**(up to \$2,000)\***  
and **protects recycled water**  
for our future.

## FACT

Automatic water softeners leave a **salty waste** that **harms our recycled water efforts** aimed to ensure our community has a reliable water source for the future.

## TAKE ACTION

Remove your **automatic water softener now** and get a rebate up to \$2,000\* and free disconnection and removal. **It's that important.**



Visit [www.ieua.org](http://www.ieua.org) or call 909.993.1550 to see if you qualify!

\*Conditions apply. Contact IEUA for additional info.



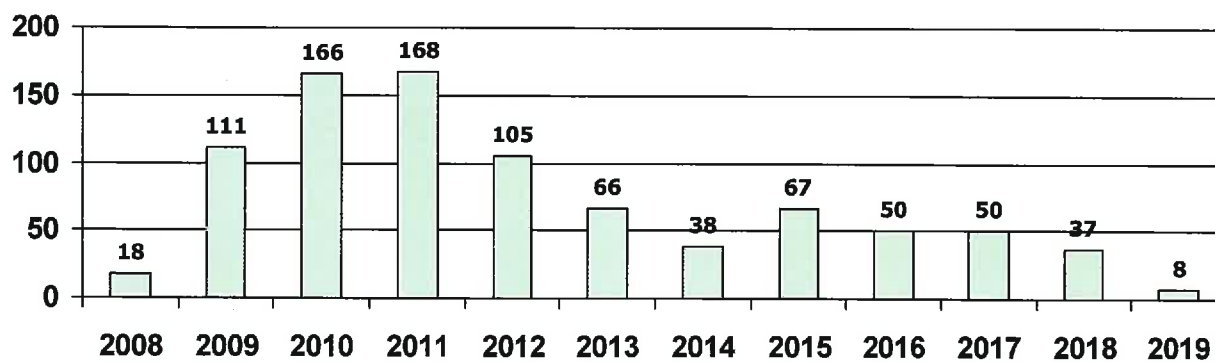
Brought to you by the Inland Empire Utilities Agency  
in partnership with the City of Chino Hills.



## SRWS Removed by Year (Since Program Inception)

Year	Units Removed (Posted in SAP)	Salt Avoided (lb/year)	Water Saving (gal/year)	Check_Amount
2008	18	8,316	111,600	\$12,647.92
2009	111	51,282	688,200	\$75,991.32
2010	166	76,692	1,029,200	\$103,523.00
2011	168	77,616	1,041,600	\$115,290.46
2012	105	48,510	651,000	\$64,437.21
2013	66	30,492	409,200	\$40,848.51
2014	38	17,556	235,600	\$15,963.73
2015	67	30,954	415,400	\$25,521.77
2016	50	23,100	310,000	\$22,540.35
2017	50	23,100	310,000	\$24,343.97
2018	37	17,094	229,400	\$17,705.36
2019	8	3,696	49,600	\$4,436.35
<b>Total:</b>	<b>884</b>	<b>408,408</b>	<b>5,480,800</b>	<b>\$523,249.95</b>

### SRWS Units Removed by Year



# SRWS Removed, Salt Avoided and Water Savings

Start Date: 7/1/2008

End Date: 6/30/2019

## SUMMARY

Total Units Removed:	884	Total Salt Avoided:	408,408 Lbs/Yr	Total Water Savings:	5,480,800 Gal/Yr
Total Rebate Amount:	\$523,249.95	Total Salt Avoided:	204.204 Ton/Yr	Total Water Savings:	16.820 AFY

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
-----------------------	---------------	-----------------------	----------------------

### Chino

11/4/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
1/9/2009	\$1,713.62	462	6200
1/9/2009	\$665.83	462	6200
1/9/2009	\$2,000.00	462	6200
2/2/2009	\$300.00	462	6200
3/10/2009	\$2,000.00	462	6200
4/3/2009	\$2,000.00	462	6200
4/3/2009	\$1,620.83	462	6200
10/8/2009	\$300.00	462	6200
10/8/2009	\$2,000.00	462	6200
10/27/2009	\$2,000.00	462	6200
11/19/2009	\$300.00	462	6200
12/10/2009	\$2,000.00	462	6200
12/16/2009	\$300.00	462	6200
12/22/2009	\$1,632.67	462	6200
12/30/2009	\$2,000.00	462	6200
1/21/2010	\$300.00	462	6200
1/21/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$333.17	462	6200
1/28/2010	\$300.00	462	6200
3/11/2010	\$300.00	462	6200
3/19/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200
4/29/2010	\$300.00	462	6200
5/26/2010	\$300.00	462	6200
6/16/2010	\$300.00	462	6200
7/28/2010	\$1,745.00	462	6200
7/28/2010	\$300.00	462	6200
8/26/2010	\$300.00	462	6200
9/16/2010	\$300.00	462	6200
10/27/2010	\$2,000.00	462	6200
10/27/2010	\$2,000.00	462	6200
11/23/2010	\$1,960.41	462	6200
11/23/2010	\$1,078.68	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$2,000.00	462	6200
2/10/2011	\$300.00	462	6200

#### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
2/10/2011	\$300.00	462	6200
2/10/2011	\$300.00	462	6200
3/10/2011	\$1,398.07	462	6200
3/24/2011	\$2,000.00	462	6200
4/30/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$2,000.00	462	6200
6/23/2011	\$300.00	462	6200
7/31/2011	\$300.00	462	6200
8/29/2011	\$404.66	462	6200
9/11/2011	\$300.00	462	6200
9/11/2011	\$300.00	462	6200
9/11/2011	\$2,000.00	462	6200
9/11/2011	\$1,521.26	462	6200
9/30/2011	\$300.00	462	6200
11/10/2011	\$300.00	462	6200
12/21/2011	\$300.00	462	6200
2/9/2012	\$1,172.57	462	6200
2/9/2012	\$1,185.89	462	6200
2/9/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
2/29/2012	\$1,320.61	462	6200
4/12/2012	\$1,524.97	462	6200
8/16/2012	\$300.00	462	6200
8/16/2012	\$2,000.00	462	6200
9/26/2012	\$1,226.51	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
10/24/2012	\$300.00	462	6200
3/14/2013	\$300.00	462	6200
6/6/2013	\$1,662.92	462	6200
8/8/2013	\$300.00	462	6200
9/13/2013	\$300.00	462	6200
10/3/2013	\$300.00	462	6200
12/5/2013	\$2,000.00	462	6200
7/3/2014	\$300.00	462	6200
10/16/2014	\$300.00	462	6200
12/4/2014	\$300.00	462	6200
4/30/2015	\$300.00	462	6200
8/4/2015	\$300.00	462	6200
8/4/2015	\$300.00	462	6200
11/20/2015	\$300.00	462	6200
2/25/2016	\$300.00	462	6200
4/4/2016	\$300.00	462	6200
4/8/2016	\$300.00	462	6200
4/8/2016	\$300.00	462	6200
6/21/2016	\$300.00	462	6200
6/21/2016	\$300.00	462	6200
6/16/2017	\$300.00	462	6200
7/10/2017	\$300.00	462	6200
1/2/2018	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
5/7/2018	\$300.00	462	6200
10/1/2018	\$437.19	462	6200
4/24/2019	\$300.00	462	6200
<b>Units Removed:</b> 97	<b>\$71,804.86</b>	<b>44,814</b>	<b>601,400</b>
<b>% of Total:</b> 11.0%	13.7%	11.0%	11.0%

## Chino Hills

11/4/2008	\$300.00	462	6200
11/4/2008	\$1,721.25	462	6200
11/4/2008	\$300.00	462	6200
11/4/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
12/9/2008	\$1,031.67	462	6200
12/9/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
2/26/2009	\$300.00	462	6200
5/4/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
6/30/2009	\$300.00	462	6200
6/30/2009	\$300.00	462	6200
6/30/2009	\$300.00	462	6200
7/16/2009	\$300.00	462	6200
7/16/2009	\$874.42	462	6200
7/16/2009	\$1,571.25	462	6200
8/6/2009	\$300.00	462	6200
8/6/2009	\$1,996.67	462	6200
8/25/2009	\$300.00	462	6200
10/8/2009	\$300.00	462	6200
10/8/2009	\$300.00	462	6200
11/19/2009	\$300.00	462	6200
11/19/2009	\$300.00	462	6200
11/19/2009	\$300.00	462	6200
12/10/2009	\$1,299.50	462	6200
12/16/2009	\$300.00	462	6200
12/16/2009	\$300.00	462	6200
12/22/2009	\$300.00	462	6200
12/30/2009	\$300.00	462	6200
1/21/2010	\$963.33	462	6200
1/21/2010	\$1,466.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
2/11/2010	\$347.48	462	6200
3/11/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200

### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
4/15/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200
4/29/2010	\$598.33	462	6200
4/29/2010	\$300.00	462	6200
4/29/2010	\$300.00	462	6200
5/26/2010	\$300.00	462	6200
5/26/2010	\$300.00	462	6200
5/26/2010	\$1,626.00	462	6200
5/26/2010	\$1,630.00	462	6200
5/26/2010	\$975.00	462	6200
6/16/2010	\$666.33	462	6200
6/16/2010	\$531.67	462	6200
7/22/2010	\$300.00	462	6200
7/22/2010	\$300.00	462	6200
7/22/2010	\$1,247.50	462	6200
7/28/2010	\$300.00	462	6200
7/28/2010	\$1,950.00	462	6200
7/28/2010	\$300.00	462	6200
8/26/2010	\$300.00	462	6200
9/16/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$300.00	462	6200
12/22/2010	\$300.00	462	6200
2/10/2011	\$300.00	462	6200
3/10/2011	\$300.00	462	6200
3/10/2011	\$1,997.00	462	6200
3/24/2011	\$300.00	462	6200
4/14/2011	\$300.00	462	6200
4/30/2011	\$1,770.02	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
5/19/2011	\$425.00	462	6200
5/31/2011	\$300.00	462	6200
5/31/2011	\$1,723.79	462	6200
6/30/2011	\$352.93	462	6200
7/31/2011	\$300.00	462	6200
9/30/2011	\$300.00	462	6200
9/30/2011	\$300.00	462	6200
10/31/2011	\$300.00	462	6200
11/10/2011	\$300.00	462	6200
11/10/2011	\$1,406.39	462	6200
11/17/2011	\$300.00	462	6200
11/30/2011	\$2,000.00	462	6200
11/30/2011	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
11/30/2011	\$300.00	462	6200
12/21/2011	\$1,877.25	462	6200
2/9/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
4/12/2012	\$300.00	462	6200
5/31/2012	\$529.16	462	6200
6/18/2012	\$300.00	462	6200
8/16/2012	\$300.00	462	6200
8/22/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$352.56	462	6200
9/26/2012	\$300.00	462	6200
12/6/2012	\$300.00	462	6200
12/6/2012	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
3/14/2013	\$2,000.00	462	6200
3/21/2013	\$300.00	462	6200
3/21/2013	\$300.00	462	6200
9/5/2013	\$300.00	462	6200
12/5/2013	\$300.00	462	6200
12/5/2013	\$300.00	462	6200
4/3/2014	\$300.00	462	6200
7/3/2014	\$300.00	462	6200
7/24/2014	\$300.00	462	6200
8/21/2014	\$525.85	462	6200
2/23/2015	\$300.00	462	6200
4/6/2015	\$425.00	462	6200
4/6/2015	\$300.00	462	6200
4/30/2015	\$300.00	462	6200
4/30/2015	\$300.00	462	6200
5/28/2015	\$300.00	462	6200
5/28/2015	\$953.61	462	6200
6/24/2015	\$300.00	462	6200
6/24/2015	\$300.00	462	6200
8/4/2015	\$300.00	462	6200
8/13/2015	\$300.00	462	6200
8/28/2015	\$300.00	462	6200
8/28/2015	\$300.00	462	6200
9/16/2015	\$985.52	462	6200
11/20/2015	\$300.00	462	6200
11/20/2015	\$643.22	462	6200
12/15/2015	\$300.00	462	6200
2/2/2016	\$300.00	462	6200
3/30/2016	\$300.00	462	6200
6/21/2016	\$300.00	462	6200
8/11/2016	\$300.00	462	6200
9/13/2016	\$300.00	462	6200
11/23/2016	\$300.00	462	6200
1/5/2017	\$300.00	462	6200
3/7/2017	\$300.00	462	6200
3/7/2017	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted	SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
3/7/2017		\$300.00	462	6200
3/7/2017		\$419.68	462	6200
3/7/2017		\$300.00	462	6200
6/19/2017		\$300.00	462	6200
7/10/2017		\$300.00	462	6200
9/20/2017		\$300.00	462	6200
5/30/2018		\$300.00	462	6200
6/18/2018		\$300.00	462	6200
6/18/2018		\$300.00	462	6200
7/12/2018		\$300.00	462	6200
9/10/2018		\$300.00	462	6200
10/1/2018		\$300.00	462	6200
10/22/2018		\$300.00	462	6200
11/27/2018		\$300.00	462	6200
11/27/2018		\$300.00	462	6200
11/27/2018		\$300.00	462	6200
12/4/2018		\$300.00	462	6200
12/4/2018		\$300.00	462	6200
1/29/2019		\$300.00	462	6200
2/12/2019		\$1,966.76	462	6200
<b>Units Removed:</b>	170	\$81,350.14	78,540	1,054,000
<b>% of Total:</b>	19.2%	15.5%	19.2%	19.2%

## Fontana

12/9/2008	\$2,000.00	462	6200
8/6/2009	\$616.67	462	6200
12/10/2009	\$300.00	462	6200
12/10/2009	\$300.00	462	6200
1/21/2010	\$300.00	462	6200
4/15/2010	\$300.00	462	6200
4/22/2010	\$404.06	462	6200
4/22/2010	\$300.00	462	6200
6/16/2010	\$300.00	462	6200
6/16/2010	\$2,000.00	462	6200
7/22/2010	\$2,000.00	462	6200
7/22/2010	\$300.00	462	6200
7/28/2010	\$2,000.00	462	6200
8/26/2010	\$300.00	462	6200
8/26/2010	\$2,000.00	462	6200
8/26/2010	\$300.00	462	6200
9/16/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200
10/27/2010	\$387.80	462	6200
12/22/2010	\$497.47	462	6200
12/22/2010	\$300.00	462	6200
1/10/2011	\$466.03	462	6200
1/10/2011	\$300.00	462	6200
3/10/2011	\$300.00	462	6200
3/24/2011	\$2,000.00	462	6200
3/24/2011	\$300.00	462	6200

### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
3/24/2011	\$1,664.99	462	6200
3/24/2011	\$300.00	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$1,688.77	462	6200
4/30/2011	\$1,498.64	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
7/31/2011	\$300.00	462	6200
8/29/2011	\$300.00	462	6200
8/29/2011	\$600.12	462	6200
9/11/2011	\$2,000.00	462	6200
9/11/2011	\$300.00	462	6200
9/30/2011	\$300.00	462	6200
2/9/2012	\$1,328.38	462	6200
2/19/2012	\$300.00	462	6200
2/29/2012	\$2,000.00	462	6200
4/30/2012	\$2,000.00	462	6200
4/30/2012	\$300.00	462	6200
5/31/2012	\$300.00	462	6200
5/31/2012	\$1,258.75	462	6200
6/18/2012	\$1,398.28	462	6200
6/18/2012	\$2,000.00	462	6200
6/18/2012	\$300.00	462	6200
7/12/2012	\$300.00	462	6200
8/16/2012	\$300.00	462	6200
8/22/2012	\$300.00	462	6200
8/22/2012	\$300.00	462	6200
8/22/2012	\$2,000.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
11/15/2012	\$300.00	462	6200
11/15/2012	\$300.00	462	6200
12/6/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
3/4/2013	\$300.00	462	6200
3/14/2013	\$300.00	462	6200
3/21/2013	\$995.89	462	6200
3/21/2013	\$1,440.57	462	6200
5/2/2013	\$300.00	462	6200
5/2/2013	\$300.00	462	6200
6/6/2013	\$1,266.89	462	6200
8/8/2013	\$1,621.54	462	6200
8/8/2013	\$1,898.02	462	6200
8/8/2013	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen



Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
8/8/2013	\$300.00	462	6200
9/5/2013	\$300.00	462	6200
9/13/2013	\$300.00	462	6200
10/3/2013	\$300.00	462	6200
10/3/2013	\$300.00	462	6200
11/14/2013	\$300.00	462	6200
11/14/2013	\$300.00	462	6200
12/12/2013	\$1,545.84	462	6200
12/19/2013	\$300.00	462	6200
12/24/2013	\$2,000.00	462	6200
2/28/2014	\$300.00	462	6200
2/28/2014	\$300.00	462	6200
2/28/2014	\$300.00	462	6200
2/28/2014	\$300.00	462	6200
3/20/2014	\$300.00	462	6200
4/3/2014	\$300.00	462	6200
5/15/2014	\$300.00	462	6200
6/5/2014	\$2,000.00	462	6200
6/12/2014	\$300.00	462	6200
6/12/2014	\$300.00	462	6200
7/11/2014	\$300.00	462	6200
7/11/2014	\$1,237.88	462	6200
7/24/2014	\$300.00	462	6200
8/21/2014	\$300.00	462	6200
10/2/2014	\$300.00	462	6200
10/16/2014	\$300.00	462	6200
12/4/2014	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
6/24/2015	\$300.00	462	6200
6/24/2015	\$300.00	462	6200
8/4/2015	\$300.00	462	6200
8/12/2015	\$300.00	462	6200
10/6/2015	\$300.00	462	6200
1/5/2016	\$300.00	462	6200
1/5/2016	\$300.00	462	6200
2/25/2016	\$300.00	462	6200
3/30/2016	\$423.55	462	6200
7/27/2016	\$300.00	462	6200
7/27/2016	\$2,000.00	462	6200
11/23/2016	\$300.00	462	6200
1/5/2017	\$2,000.00	462	6200
3/7/2017	\$658.37	462	6200
3/7/2017	\$300.00	462	6200
3/7/2017	\$1,469.62	462	6200
8/15/2017	\$300.00	462	6200
9/20/2017	\$300.00	462	6200
10/2/2017	\$300.00	462	6200
12/11/2017	\$300.00	462	6200
1/2/2018	\$300.00	462	6200
5/30/2018	\$300.00	462	6200
7/23/2018	\$300.00	462	6200
2/11/2019	\$300.00	462	6200
5/13/2019	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day; Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

	Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
<b>Units Removed:</b>	133	\$83,168.13	61,446	824,600
<b>% of Total:</b>	15.0%	15.9%	15.0%	15.0%

## Montclair

	2/26/2009	\$333.17	462	6200
	2/26/2009	\$300.00	462	6200
	5/28/2009	\$300.00	462	6200
	12/22/2009	\$300.00	462	6200
	1/28/2010	\$300.00	462	6200
	1/28/2010	\$300.00	462	6200
	4/22/2010	\$300.00	462	6200
	4/29/2010	\$300.00	462	6200
	5/26/2010	\$1,582.50	462	6200
	5/26/2010	\$300.00	462	6200
	5/26/2010	\$300.00	462	6200
	6/16/2010	\$300.00	462	6200
	6/16/2010	\$300.00	462	6200
	7/22/2010	\$1,133.33	462	6200
	7/22/2010	\$2,000.00	462	6200
	10/27/2010	\$300.00	462	6200
	1/10/2011	\$300.00	462	6200
	5/31/2011	\$940.07	462	6200
	6/23/2011	\$300.00	462	6200
	7/12/2012	\$300.00	462	6200
	8/8/2013	\$300.00	462	6200
	4/3/2014	\$300.00	462	6200
	8/12/2015	\$300.00	462	6200
	4/19/2016	\$300.00	462	6200
Units Removed:	24	\$11,689.07	11,088	148,800
% of Total:	2.7%	2.2%	2.7%	2.7%

## Ontario

11/4/2008	\$1,995.00	462	6200
2/26/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
6/30/2009	\$300.00	462	6200
8/25/2009	\$2,000.00	462	6200
11/5/2009	\$300.00	462	6200
12/16/2009	\$1,330.00	462	6200
1/21/2010	\$666.33	462	6200
1/21/2010	\$1,259.33	462	6200
3/11/2010	\$300.00	462	6200
5/26/2010	\$300.00	462	6200
6/16/2010	\$333.17	462	6200
7/22/2010	\$2,000.00	462	6200
7/22/2010	\$300.00	462	6200
7/28/2010	\$300.00	462	6200
8/26/2010	\$300.00	462	6200
9/16/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200

### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
10/27/2010	\$300.00	462	6200
11/23/2010	\$787.50	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$738.08	462	6200
11/23/2010	\$300.00	462	6200
12/22/2010	\$300.00	462	6200
12/22/2010	\$300.00	462	6200
1/10/2011	\$300.00	462	6200
2/10/2011	\$300.00	462	6200
2/10/2011	\$300.00	462	6200
2/10/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
4/14/2011	\$2,000.00	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$2,000.00	462	6200
4/30/2011	\$300.00	462	6200
5/31/2011	\$300.00	462	6200
5/31/2011	\$300.00	462	6200
6/23/2011	\$300.00	462	6200
6/23/2011	\$300.00	462	6200
6/30/2011	\$300.00	462	6200
6/30/2011	\$300.00	462	6200
7/21/2011	\$2,000.00	462	6200
7/31/2011	\$300.00	462	6200
8/9/2011	\$300.00	462	6200
8/29/2011	\$1,121.41	462	6200
8/29/2011	\$300.00	462	6200
9/11/2011	\$300.00	462	6200
10/20/2011	\$2,000.00	462	6200
10/20/2011	\$300.00	462	6200
11/10/2011	\$300.00	462	6200
1/25/2012	\$2,000.00	462	6200
1/25/2012	\$1,081.01	462	6200
2/29/2012	\$2,000.00	462	6200
2/29/2012	\$300.00	462	6200
6/18/2012	\$2,000.00	462	6200
6/18/2012	\$300.00	462	6200
8/22/2012	\$300.00	462	6200
8/22/2012	\$2,000.00	462	6200
8/22/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
12/6/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
3/14/2013	\$300.00	462	6200
5/2/2013	\$2,000.00	462	6200
6/6/2013	\$300.00	462	6200
11/14/2013	\$300.00	462	6200
12/12/2013	\$300.00	462	6200
4/6/2015	\$300.00	462	6200
5/28/2015	\$300.00	462	6200
6/24/2015	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
6/24/2015	\$300.00	462	6200
9/16/2015	\$1,946.82	462	6200
9/16/2015	\$300.00	462	6200
10/6/2015	\$300.00	462	6200
1/4/2016	\$300.00	462	6200
1/5/2016	\$300.00	462	6200
2/29/2016	\$300.00	462	6200
6/21/2016	\$300.00	462	6200
7/27/2016	\$300.00	462	6200
12/13/2016	\$300.00	462	6200
3/7/2017	\$300.00	462	6200
12/11/2017	\$300.00	462	6200
9/10/2018	\$300.00	462	6200
10/1/2018	\$300.00	462	6200
<hr/>			
Units Removed:	85	\$52,458.65	39,270
% of Total:	9.6%	10.0%	9.6%
<hr/>			

### Rancho Cucamonga

11/4/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
1/9/2009	\$1,730.00	462	6200
1/9/2009	\$300.00	462	6200
1/9/2009	\$914.58	462	6200
2/2/2009	\$1,675.00	462	6200
2/2/2009	\$846.00	462	6200
2/2/2009	\$300.00	462	6200
2/26/2009	\$2,000.00	462	6200
2/26/2009	\$1,800.00	462	6200
4/3/2009	\$2,000.00	462	6200
4/3/2009	\$300.00	462	6200
5/4/2009	\$771.00	462	6200
5/4/2009	\$300.00	462	6200
5/4/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$300.00	462	6200
5/28/2009	\$533.33	462	6200
8/6/2009	\$300.00	462	6200
8/6/2009	\$300.00	462	6200
10/29/2009	\$300.00	462	6200
10/29/2009	\$300.00	462	6200
11/5/2009	\$300.00	462	6200
11/19/2009	\$2,000.00	462	6200
11/19/2009	\$1,022.35	462	6200
12/30/2009	\$333.17	462	6200
1/21/2010	\$249.62	462	6200
1/21/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
2/11/2010	\$300.00	462	6200
3/11/2010	\$300.00	462	6200
3/11/2010	\$2,000.00	462	6200
5/26/2010	\$300.00	462	6200

#### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
6/16/2010	\$300.00	462	6200
7/28/2010	\$1,224.50	462	6200
7/28/2010	\$300.00	462	6200
7/28/2010	\$300.00	462	6200
8/26/2010	\$1,375.00	462	6200
9/16/2010	\$300.00	462	6200
9/16/2010	\$300.00	462	6200
10/27/2010	\$1,593.55	462	6200
10/27/2010	\$300.00	462	6200
11/23/2010	\$1,237.62	462	6200
12/22/2010	\$1,223.15	462	6200
1/10/2011	\$300.00	462	6200
1/10/2011	\$1,959.62	462	6200
1/10/2011	\$1,100.98	462	6200
2/10/2011	\$1,708.34	462	6200
2/10/2011	\$736.44	462	6200
2/10/2011	\$2,000.00	462	6200
3/10/2011	\$300.00	462	6200
3/10/2011	\$2,000.00	462	6200
3/10/2011	\$762.86	462	6200
3/10/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
3/24/2011	\$2,000.00	462	6200
3/24/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
4/14/2011	\$2,000.00	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$786.53	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$952.36	462	6200
4/14/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$550.86	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$2,000.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$960.89	462	6200
5/19/2011	\$2,000.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$1,673.31	462	6200
5/19/2011	\$300.00	462	6200
5/31/2011	\$2,000.00	462	6200
5/31/2011	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
6/23/2011	\$2,000.00	462	6200
6/23/2011	\$300.00	462	6200
6/23/2011	\$1,331.82	462	6200
6/30/2011	\$300.00	462	6200
6/30/2011	\$300.00	462	6200
7/21/2011	\$808.82	462	6200
7/31/2011	\$300.00	462	6200
8/9/2011	\$501.62	462	6200
8/29/2011	\$300.00	462	6200
8/29/2011	\$300.00	462	6200
9/11/2011	\$1,416.90	462	6200
9/11/2011	\$300.00	462	6200
11/10/2011	\$300.00	462	6200
11/10/2011	\$300.00	462	6200
11/30/2011	\$300.00	462	6200
11/30/2011	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
4/12/2012	\$300.00	462	6200
4/30/2012	\$2,000.00	462	6200
5/31/2012	\$300.00	462	6200
5/31/2012	\$300.00	462	6200
6/18/2012	\$300.00	462	6200
6/18/2012	\$300.00	462	6200
8/16/2012	\$300.00	462	6200
8/16/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
10/24/2012	\$300.00	462	6200
10/24/2012	\$300.00	462	6200
10/24/2012	\$300.00	462	6200
11/15/2012	\$300.00	462	6200
11/15/2012	\$300.00	462	6200
12/6/2012	\$300.00	462	6200
12/6/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
12/21/2012	\$300.00	462	6200
1/31/2013	\$300.00	462	6200
3/14/2013	\$300.00	462	6200
3/14/2013	\$2,000.00	462	6200
5/2/2013	\$300.00	462	6200
6/6/2013	\$300.00	462	6200
8/8/2013	\$300.00	462	6200
8/8/2013	\$2,000.00	462	6200
10/3/2013	\$300.00	462	6200
11/14/2013	\$300.00	462	6200
12/12/2013	\$300.00	462	6200
12/19/2013	\$300.00	462	6200
2/14/2014	\$300.00	462	6200
3/20/2014	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
5/22/2014	\$300.00	462	6200
7/24/2014	\$300.00	462	6200
9/11/2014	\$300.00	462	6200
10/2/2014	\$2,000.00	462	6200
12/2/2014	\$300.00	462	6200
12/4/2014	\$300.00	462	6200
12/4/2014	\$300.00	462	6200
12/23/2014	\$300.00	462	6200
12/23/2014	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$1,139.06	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
3/2/2015	\$300.00	462	6200
4/6/2015	\$300.00	462	6200
4/6/2015	\$300.00	462	6200
4/6/2015	\$300.00	462	6200
4/6/2015	\$300.00	462	6200
4/30/2015	\$420.91	462	6200
4/30/2015	\$300.00	462	6200
4/30/2015	\$300.00	462	6200
6/24/2015	\$300.00	462	6200
6/24/2015	\$300.00	462	6200
8/4/2015	\$300.00	462	6200
8/4/2015	\$300.00	462	6200
8/4/2015	\$762.81	462	6200
8/4/2015	\$300.00	462	6200
11/20/2015	\$550.76	462	6200
12/15/2015	\$300.00	462	6200
1/5/2016	\$300.00	462	6200
2/2/2016	\$2,000.00	462	6200
2/25/2016	\$300.00	462	6200
3/30/2016	\$300.00	462	6200
3/30/2016	\$300.00	462	6200
4/4/2016	\$300.00	462	6200
4/19/2016	\$2,000.00	462	6200
6/21/2016	\$300.00	462	6200
6/21/2016	\$300.00	462	6200
6/21/2016	\$300.00	462	6200
7/13/2016	\$300.00	462	6200
7/27/2016	\$1,631.76	462	6200
8/11/2016	\$300.00	462	6200
9/17/2016	\$300.00	462	6200
9/22/2016	\$300.00	462	6200
10/27/2016	\$300.00	462	6200
11/23/2016	\$300.00	462	6200
3/7/2017	\$300.00	462	6200
3/7/2017	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen



Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
3/7/2017	\$300.00	462	6200
3/7/2017	\$1,673.96	462	6200
3/7/2017	\$300.00	462	6200
3/7/2017	\$300.00	462	6200
3/7/2017	\$300.00	462	6200
3/15/2017	\$300.00	462	6200
3/16/2017	\$300.00	462	6200
3/23/2017	\$300.00	462	6200
3/23/2017	\$1,923.78	462	6200
3/23/2017	\$300.00	462	6200
3/23/2017	\$300.00	462	6200
3/23/2017	\$300.00	462	6200
4/6/2017	\$1,186.76	462	6200
5/30/2017	\$300.00	462	6200
6/16/2017	\$1,014.59	462	6200
8/15/2017	\$300.00	462	6200
10/30/2017	\$300.00	462	6200
12/11/2017	\$300.00	462	6200
12/11/2017	\$1,697.21	462	6200
2/1/2018	\$2,000.00	462	6200
4/10/2018	\$1,201.48	462	6200
4/10/2018	\$300.00	462	6200
4/27/2018	\$300.00	462	6200
7/30/2018	\$300.00	462	6200
9/10/2018	\$300.00	462	6200
9/10/2018	\$300.00	462	6200
10/1/2018	\$300.00	462	6200
10/1/2018	\$2,000.00	462	6200
10/1/2018	\$300.00	462	6200
10/22/2018	\$300.00	462	6200
11/12/2018	\$766.69	462	6200
12/20/2018	\$300.00	462	6200
12/20/2018	\$2,000.00	462	6200
1/29/2019	\$300.00	462	6200
2/11/2019	\$300.00	462	6200
4/24/2019	\$669.59	462	6200
<b>Units Removed:</b>	<b>228</b>	<b>\$137,919.58</b>	<b>105,336</b>
<b>% of Total:</b>	<b>25.8%</b>	<b>26.4%</b>	<b>25.8%</b>

## Upland

11/4/2008	\$300.00	462	6200
12/9/2008	\$2,000.00	462	6200
12/9/2008	\$300.00	462	6200
1/9/2009	\$1,247.92	462	6200
1/9/2009	\$300.00	462	6200
2/26/2009	\$300.00	462	6200
2/26/2009	\$300.00	462	6200
2/26/2009	\$1,787.50	462	6200
2/26/2009	\$300.00	462	6200
3/10/2009	\$300.00	462	6200
3/10/2009	\$300.00	462	6200

### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen



Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
3/10/2009	\$300.00	462	6200
4/3/2009	\$1,066.67	462	6200
4/3/2009	\$300.00	462	6200
4/3/2009	\$309.17	462	6200
5/4/2009	\$300.00	462	6200
6/30/2009	\$300.00	462	6200
7/16/2009	\$831.67	462	6200
7/16/2009	\$300.00	462	6200
8/6/2009	\$1,837.50	462	6200
8/25/2009	\$300.00	462	6200
10/8/2009	\$300.00	462	6200
10/27/2009	\$300.00	462	6200
10/29/2009	\$300.00	462	6200
11/5/2009	\$1,397.50	462	6200
11/19/2009	\$300.00	462	6200
11/19/2009	\$300.00	462	6200
12/10/2009	\$300.00	462	6200
12/16/2009	\$300.00	462	6200
12/22/2009	\$300.00	462	6200
12/22/2009	\$300.00	462	6200
12/22/2009	\$633.33	462	6200
12/22/2009	\$300.00	462	6200
12/22/2009	\$300.00	462	6200
12/22/2009	\$300.00	462	6200
1/21/2010	\$466.67	462	6200
1/21/2010	\$2,000.00	462	6200
1/21/2010	\$300.00	462	6200
1/21/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$448.80	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
1/28/2010	\$300.00	462	6200
2/11/2010	\$2,000.00	462	6200
3/11/2010	\$387.80	462	6200
3/11/2010	\$1,915.83	462	6200
3/11/2010	\$2,000.00	462	6200
3/19/2010	\$997.00	462	6200
4/15/2010	\$300.00	462	6200
4/22/2010	\$300.00	462	6200
4/29/2010	\$300.00	462	6200
5/26/2010	\$300.00	462	6200
5/26/2010	\$2,000.00	462	6200
6/16/2010	\$300.00	462	6200
6/16/2010	\$300.00	462	6200
6/16/2010	\$399.99	462	6200
6/16/2010	\$300.00	462	6200
7/22/2010	\$901.25	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
7/22/2010	\$1,762.08	462	6200
7/22/2010	\$300.00	462	6200
7/22/2010	\$2,000.00	462	6200
7/22/2010	\$1,131.67	462	6200
8/26/2010	\$300.00	462	6200
8/26/2010	\$300.00	462	6200
9/30/2010	\$300.00	462	6200
10/27/2010	\$300.00	462	6200
10/27/2010	\$300.00	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$300.00	462	6200
12/22/2010	\$300.00	462	6200
2/10/2011	\$300.00	462	6200
3/10/2011	\$300.00	462	6200
3/24/2011	\$2,000.00	462	6200
4/30/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
6/23/2011	\$300.00	462	6200
6/30/2011	\$1,292.16	462	6200
7/21/2011	\$1,690.55	462	6200
7/31/2011	\$300.00	462	6200
8/29/2011	\$300.00	462	6200
9/11/2011	\$300.00	462	6200
9/11/2011	\$300.00	462	6200
10/20/2011	\$300.00	462	6200
10/20/2011	\$300.00	462	6200
11/10/2011	\$300.00	462	6200
11/10/2011	\$2,000.00	462	6200
11/30/2011	\$2,000.00	462	6200
1/25/2012	\$300.00	462	6200
2/9/2012	\$300.00	462	6200
2/9/2012	\$2,000.00	462	6200
2/29/2012	\$300.00	462	6200
2/29/2012	\$300.00	462	6200
4/12/2012	\$300.00	462	6200
4/12/2012	\$542.18	462	6200
4/30/2012	\$1,896.90	462	6200
5/31/2012	\$300.00	462	6200
7/12/2012	\$1,919.44	462	6200
7/12/2012	\$300.00	462	6200
8/16/2012	\$300.00	462	6200
8/22/2012	\$300.00	462	6200
11/15/2012	\$300.00	462	6200
12/21/2012	\$2,000.00	462	6200
3/14/2013	\$300.00	462	6200
3/21/2013	\$300.00	462	6200
5/2/2013	\$300.00	462	6200
6/6/2013	\$300.00	462	6200
6/6/2013	\$1,446.41	462	6200
6/6/2013	\$300.00	462	6200
9/5/2013	\$300.00	462	6200
9/13/2013	\$300.00	462	6200

**Assumptions:**

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
9/13/2013	\$300.00	462	6200
11/14/2013	\$300.00	462	6200
12/12/2013	\$1,670.43	462	6200
2/14/2014	\$300.00	462	6200
12/4/2014	\$300.00	462	6200
2/11/2015	\$300.00	462	6200
2/23/2015	\$300.00	462	6200
5/28/2015	\$469.06	462	6200
8/4/2015	\$300.00	462	6200
8/12/2015	\$425.00	462	6200
8/28/2015	\$300.00	462	6200
10/6/2015	\$300.00	462	6200
2/2/2016	\$464.93	462	6200
2/2/2016	\$300.00	462	6200
3/3/2016	\$300.00	462	6200
4/19/2016	\$300.00	462	6200
5/24/2016	\$300.00	462	6200
6/21/2016	\$1,120.11	462	6200
8/11/2016	\$300.00	462	6200
5/30/2017	\$300.00	462	6200
5/30/2017	\$300.00	462	6200
5/30/2017	\$300.00	462	6200
5/30/2017	\$300.00	462	6200
5/30/2017	\$300.00	462	6200
7/28/2017	\$300.00	462	6200
9/20/2017	\$300.00	462	6200
10/16/2017	\$300.00	462	6200
12/11/2017	\$300.00	462	6200
3/21/2018	\$300.00	462	6200
5/7/2018	\$300.00	462	6200
7/23/2018	\$300.00	462	6200
<hr/>			
Units Removed:	147	\$84,859.52	67,914
% of Total:	16.6%	16.2%	16.6%
<hr/>			

#### SUMMARY

Total Salt Avoided:	884	Total Salt Avoided:	408,408 Lbs/Yr	Total Water Savings:	5,480,800 Gal/Yr
Total Rebate Amount:	\$523,249.95	Total Salt Avoided:	204.204 Ton/Yr	Total Water Savings:	16.820 AFY

#### Assumptions:

Average household water usage of 360 gal/day, Incoming water hardness of 200 mg/L, AWS treatment capacity of 18,000 grains per unit  
50% older unit @ 2,850 grains/lb salt efficiency and 95 gal/regen, 50% newer units @ 4,000 grains/lb salt efficiency and 50 gal/regen

# SRWS Checks Posted in SAP

Start Date: 7/1/2017

End Date: 6/30/2019

Number of Checks: 61

Total Amount of Checks Issued: \$28,338.92

Avg Amount of Checks: \$464.57

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
<b>July 2017</b>			
7/10/2017	Romero, Sergio	220105	\$300.00
7/10/2017	Yang, Weichen	220111	\$300.00
7/28/2017	Carlton, Dwayne	220382	\$300.00
Checks Posted This Month:		3 (4.9%)	\$900.00 (3.2%)
<b>August 2017</b>			
8/15/2017	Flores, Martin	220561	\$300.00
8/15/2017	Hillary, Puredi	220566	\$300.00
Checks Posted This Month:		2 (3.3%)	\$600.00 (2.1%)
<b>September 2017</b>			
9/20/2017	Batsford, Mark	221047	\$300.00
9/20/2017	Graves, Donald	221064	\$300.00
9/20/2017	Lovell, Frank	221074	\$300.00
Checks Posted This Month:		3 (4.9%)	\$900.00 (3.2%)
<b>October 2017</b>			
10/2/2017	Paprocki, Bogdan	221163	\$300.00
10/16/2017	Arzate, Brandy	221246	\$300.00
10/30/2017	Hernandez, Jesus	221434	\$300.00
Checks Posted This Month:		3 (4.9%)	\$900.00 (3.2%)
<b>December 2017</b>			
12/11/2017	Ho, Quinn	221959	\$300.00
12/11/2017	Jamison, Jamilla	221966	\$300.00
12/11/2017	Strope, Kelley	221993	\$300.00
12/11/2017	Tseng, Willy	221998	\$300.00
12/11/2017	Yamasaki, Lorraine	222000	\$1,697.21
Checks Posted This Month:		5 (8.2%)	\$2,897.21 (10.2%)
<b>January 2018</b>			
1/2/2018	Andrade, Greg	22210	\$300.00
1/2/2018	Shaw, Kelly	22289	\$300.00
Checks Posted This Month:		2 (3.3%)	\$600.00 (2.1%)
<b>February 2018</b>			
2/1/2018	Wroblewski, Frank	222791	\$2,000.00

Date	Check Posted	SAP Customer Name	Check Number	Check Amount
Checks Posted This Month:		1 (1.6%)		\$2,000.00 (7.1%)
March 2018				
	3/21/2018	Thornton, Eric	22320	\$300.00
Checks Posted This Month:		1 (1.6%)		\$300.00 (1.1%)
April 2018				
	4/10/2018	Paez, Chris	223605	\$1,201.48
	4/10/2018	Strickland, Holly	22361	\$300.00
	4/27/2018	Richter, Shawn	223901	\$300.00
Checks Posted This Month:		3 (4.9%)		\$1,801.48 (6.4%)
May 2018				
	5/7/2018	Mak, Chileung	223991	\$300.00
	5/7/2018	Salazar, Isaias	224014	\$300.00
	5/30/2018	Litton, Cathy	224090	\$300.00
	5/30/2018	Choi, Daniel	224256	\$300.00
Checks Posted This Month:		4 (6.6%)		\$1,200.00 (4.2%)
June 2018				
	6/18/2018	Hassis, Monica	224555	\$300.00
	6/18/2018	Wang, Hercules	224631	\$300.00
Checks Posted This Month:		2 (3.3%)		\$600.00 (2.1%)
July 2018				
	7/12/2018	Tran, Faye	224932	\$300.00
	7/23/2018	Santosa, Ricky	225162	\$300.00
	7/23/2018	Cabrera, Arturo	226084	\$300.00
	7/30/2018	Garcia, Mario	225241	\$300.00
Checks Posted This Month:		4 (6.6%)		\$1,200.00 (4.2%)
September 2018				
	9/10/2018	De La Rosa, Angela	225686	\$300.00
	9/10/2018	Lee, Shelly	225707	\$300.00
	9/10/2018	Liu, Xing	225709	\$300.00
	9/10/2018	Milano, James	225716	\$300.00
Checks Posted This Month:		4 (6.6%)		\$1,200.00 (4.2%)
October 2018				
	10/1/2018	Castro, Shirley	225936	\$300.00
	10/1/2018	Charles, Cori	225937	\$2,000.00
	10/1/2018	Patel, Virendra	225966	\$300.00
	10/1/2018	Peluffo, Steve	225967	\$300.00
	10/1/2018	Shields, Jay	225968	\$437.19

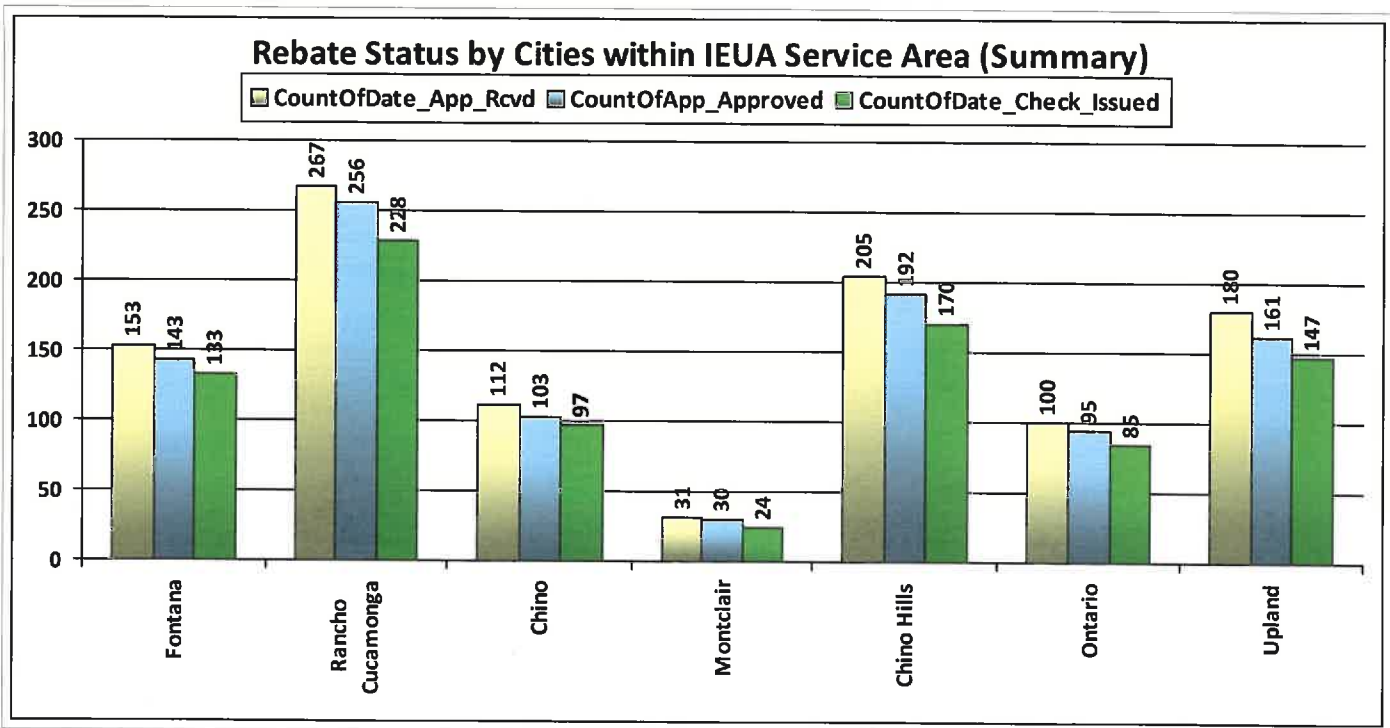
Date	CheckPostedSAP	CustomerName	Check_Number	Check_Amount	
10/1/2018		Van Olden, Laura	225972	\$300.00	
10/22/2018		Eastwood, Robert	226179	\$300.00	
10/22/2018		Go, Min	226196	\$300.00	
Checks Posted This Month:		8 (13.1%)		\$4,237.19	(15%)
November 2018					
11/12/2018		Marella, Enrique	226477	\$766.69	
11/27/2018		Mente, Andrew	226664	\$300.00	
11/27/2018		Vengco, Deborah	226684	\$300.00	
11/27/2018		Wei, David	226687	\$300.00	
Checks Posted This Month:		4 (6.6%)		\$1,666.69	(5.9%)
December 2018					
12/4/2018		Godfrey, Poulose	226826	\$300.00	
12/4/2018		Wang, Herbert	226873	\$300.00	
12/20/2018		Chin, Kelvin	227040	\$2,000.00	
12/20/2018		Scholl, Steven	227080	\$300.00	
Checks Posted This Month:		4 (6.6%)		\$2,900.00	(10.2%)
January 2019					
1/29/2019		Aguilera, Saul	227293	\$300.00	
1/29/2019		Santos, Gerardo	227354	\$300.00	
Checks Posted This Month:		2 (3.3%)		\$600.00	(2.1%)
February 2019					
2/11/2019		Wilerford, Theodore	227578	\$300.00	
2/11/2019		Wong, Jerry	227579	\$300.00	
2/12/2019		Huang, He	227511	\$1,966.76	
Checks Posted This Month:		3 (4.9%)		\$2,566.76	(9.1%)
April 2019					
4/24/2019		Laureano, Cesar	228583	\$669.59	
4/24/2019		Martinez, Raoul	228589	\$300.00	
Checks Posted This Month:		2 (3.3%)		\$969.59	(3.4%)
May 2019					
5/13/2019		Allen, Gerald	228717	\$300.00	
Checks Posted This Month:		1 (1.6%)		\$300.00	(1.1%)
Total Number of Checks:		61	Total Amount of Checks:	\$28,338.92	

# Rebate Applicants by Cities within IEUA (Summary)

8/14/2019  
11:10:55 AM

Based on APPLICATIONS received between 1/1/2008 and 6/30/2019

City	Inquired	% of Total	App. Approved	% of Total	SRWS Removed	% of Total
Chino	112	11%	103	11%	97	11%
Chino Hills	205	20%	192	20%	170	19%
Fontana	153	15%	143	15%	133	15%
Montclair	31	3%	30	3%	24	3%
Ontario	100	10%	95	10%	85	10%
Rancho Cucamonga	267	25%	256	26%	228	26%
Upland	180	17%	161	16%	147	17%
<b>Total:</b>	<b>1048</b>		<b>980</b>	<b>93.5%</b>	<b>884</b>	<b>84.4%</b>





***IEUA Member Agency***  
***Public Outreach and Educational Materials***  
***FY 2018-2019***

- ***City of Chino Hills***
- ***Cucamonga Valley Water District***
- ***Fontana Water Company***
- ***Monte Vista Water District***
- ***City of Ontario***



***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2018-2019***

***City of Chino Hills***



## Turf Replacement Program



### Turf Removal Rebates Available!

Customers interested in transforming their landscape to a water wise garden are invited to apply for a rebate through the Metropolitan Water District of Southern California.

#### Turf Rebate Eligibility Requirements:

- Minimum of 250 square feet of turf removed
- Maximum of 5,000 square feet of turf removed
- Project must be approved BEFORE turf removal
- See the complete list of requirements at [www.SoCalWaterSmart.com](http://www.SoCalWaterSmart.com)

Rebates for Chino Hills residents start at **\$2/s.f.**

Visit [www.SoCalWaterSmart.com](http://www.SoCalWaterSmart.com) or call (888) 376-3314 to learn more!



## The City of Chino Hills Thanks You!

Thank you for participating in a Chino Hills Water-Use Efficiency Program. Your participation helps Chino Hills and California become more water efficient and saves our water. Please enjoy this garden book as a gift to show that the City appreciates your efforts.

Thank you again and have a great day,

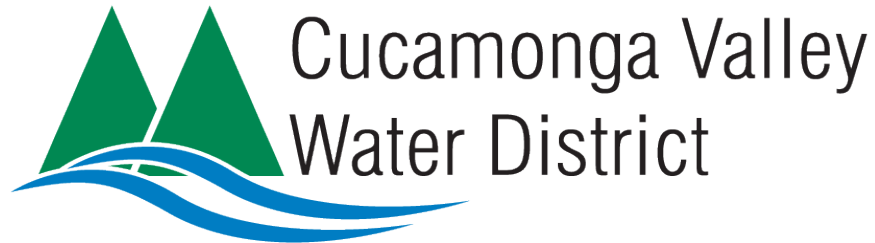
Jake Loukeh  
Public Works Department  
City of Chino Hills



***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2018-2019***

***Cucamonga Valley Water District***





**FREE!**

*Water Savvy*

## **GARDEN TOUR**

*Be inspired to transform your landscape!*



CVWD's self-guided tour showcases 10 gardens including newly featured homes from the Water Savvy Landscape Contest!



**Saturday, April 27**  
**3:00 - 7:00 p.m.**



**Registration Required: [CVWDwater.com](http://CVWDwater.com) • 909-987-2591**



PLEASE JOIN US

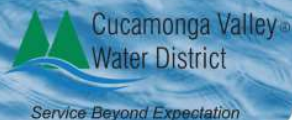
# **CUCAMONGA WATER TOUR**

**FRIDAY, SEPTEMBER 21**  
**8AM-3:30PM**

Go behind the scenes to learn the true value of water and what goes into providing the highest quality service to our community!

Reserve your spot today!

**909-483-7465 • [evetteo@cvwdwater.com](mailto:evetteo@cvwdwater.com)**





Join Us for the Region's Largest Earth Day Event!

**SATURDAY, APRIL 6  
10 AM - 2 PM**

10440 ASHFORD STREET, RC

**Eco-Entertainment, Landscape Workshops,  
Document Shredding,  
Bouncy Slide, Face Painting, Refreshments, & More!**

*Come test drive  
a new electric vehicle.*



APRIL 6, 2019  
CUCAMONGA VALLEY  
WATER DISTRICT  
**EARTH DAY**

Hosted by:



Sponsors:



THE SUN



free *Chick-fil-A* while supplies last  
Rancho Cucamonga

CVWDwater.com

909-987-2591



PLEASE JOIN US

## ***Village of Heritage Recycled Water Groundbreaking Ceremony***

**Thursday, May 2, 2019 at 10 a.m.**

The Village of Heritage, Corner of W Grand Ave & S Heritage Cir, Fontana

### ***Connecting the Pipes for Future Water Supply***

The Village of Heritage Recycled Water project is made possible through a regional partnership and is funded in part by the State Water Resources Control Board. This exciting milestone will enhance water supplies for the Village of Heritage and many communities within the City of Fontana in the years to come.







# Turf Rebate Program



Service Beyond Expectation

Full program requirements at: [SoCalWaterSmart.com](http://SoCalWaterSmart.com) or 888.376.3314



## Turf Rebate Program Now Open!

Customers interested in transforming their landscape to a water wise garden are invited to apply for a rebate through the Metropolitan Water District of Southern California.

### Turf Rebate Eligibility Includes:

- Maximum of 5,000 square feet of turf removed
- Minimum of 250 square feet of turf removed from front yard
- Pre approval is required prior to any turf removal

Visit [SoCalWaterSmart.com](http://SoCalWaterSmart.com) for full eligibility requirements.

CWWD customers receive: **\$3/sq. ft.**

## Monthly Billing is Here



By now all customers have transitioned to monthly billing and will receive 12 customer billing statements each year. The benefits of monthly billing include a customer bill that is easier to manage and budget for hearing from CWWD more often, and learning of high water use sooner. All service fees are half of what they were for the bi-monthly customer billing statement. CWWD offers many convenient ways to pay your bill and we encourage customers to consider going paperless.

Learn more at [CWWDwater.com/monthlybilling](http://CWWDwater.com/monthlybilling).

## All-Star Education Highlights of the Year

CWWD is proud to recognize the local students that participated in our education programs during the 2018/2019 school year.

- Over 1,100 Kindergarten through 12th grade students attended field trips to CWWD's Environmental Learning Center. Over 800 students toured the Lloyd V. Michael Water Treatment Plant and learned about our water treatment process.
- CWWD celebrated 30 years of student art at the Fifth Grade Poster Contest Awards Ceremony where 72 student artists were recognized. Congratulations to our 2019 Sweepstakes Winner, Joseph Tripp, and teacher Mr. MacKenzie, from Lloyd M. Stork Elementary School!
- Congrats to the Los Osos High School Critics for bringing home four 1st Place regional trophies and achieving 6th Place overall in the Solar Cup Competition. #CwWdUp!
- Guanna Guzman from Edwards High School was selected as the winner of the WEWAC Water Scholar Contest for her essay, "Solving the Water Crisis." Guanna will receive a \$1,500 college scholarship.
- Congrats to Reese Garcia from Los Osos High School who earned her school a \$150 prize for achieving 1st Place in the WEWAC Broadcast Media/Digital Art Contest.



**JULY SMART IRRIGATION MONTH**  
July is Smart Irrigation Month and it is a great time to learn more about being water efficient, especially outdoors. CWWD offers the following no-cost programs to assist you:

- Residential Controller Upgrade Program
- Irrigation Tune-Up
- Rebates are available for nozzles and controllers



Learn more at [CWWDwater.com/rebates](http://CWWDwater.com/rebates).

## Water Wise Tips for the Summer

1. Water your yard in the early morning; water evaporates quickly when the sun is high, so irrigate when it's more likely to stay in the soil.
2. Give your irrigation system a tune-up by checking for leaks and broken or clogged sprinkler heads. Fix sprinkler heads that are spraying on the sidewalk, street or driveway.
3. Cover your pool when it's not in use. A cover keeps water from evaporating in the summer heat.
4. Consider adding or raking a layer of mulch to reduce evaporation, save water, and stabilize soil temperature.



## The Pipeline

District News, Programs and Events  
SUMMER 2019



Service Beyond Expectation



### Where Does the Rain Go?

CWWD's service area received over 32 inches of rain from January to May 2019, which is almost three times the typical rainfall for an entire year. These storms helped us build our water supply portfolio by saving most of this water for drier times of the year. CWWD's main sources of supply are imported water from Northern California, local canyon water, and groundwater. The CWWD team works hard to make sure that when the rain comes, our canyon intakes are ready to handle as much rain as possible. The local canyons feed into our Lloyd V. Michael and Arthur H. Bridge Water Treatment Plants. Approximately 13% of CWWD's current water supply is from the local canyons due to the rain this past winter and spring. Canyon water is the purest and most valuable source of water and we are fortunate to have it as part of our overall supply.

Other surface water that is a result of the rain is captured in storm drains and groundwater basins. On average, about 50% of CWWD's water is local groundwater, and one way we make sure we have the water we need is by recharging groundwater basins. (Continued on Pg. 4)

- In This Issue:**
- Landscape Contest Winners
  - Update on Water Tax
  - Recycled Water Milestone
  - All-Star Education Highlights

**Notice to Customers**  
CWWD's transition to monthly billing is now complete.

**CUCAMONGA VALLEY WATER DISTRICT**  
855-654-CWWD  
[CWWDwater.com](http://CWWDwater.com)  
10440 Ashford St.  
P.O. Box 91750

**FOLLOW US!**





## Out of Sight, but Never Out of Mind: That's the Value of Water

Every day the District provides for the water and wastewater needs of nearly 200,000 people. From planning and identifying water sources to maintaining water lines and reservoirs, CVWD handles all the details of water so your family has the resource it needs to prosper.

One aspect most customers don't see - but is critical to our operations - is the maintenance of our water and wastewater lines. Each year, CVWD maintains 700 miles of water pipeline and over 400 miles of wastewater pipeline. This work is done by our maintenance and repair crews on a regular basis. The wastewater maintenance department maintains the wastewater lines and ensures these lines are flowing properly at all times. This type of preventative maintenance helps eliminate future sewer backups.

When you turn on the tap, you can rest assured that the water you need will be there. The water and wastewater will be flowing exactly where you need it. That's the value of water.



Learn more at [CVWDvalue.com](http://CVWDvalue.com)

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## High-Quality Drinking Water Every Time You Turn the Tap

CVWD is committed to providing clean drinking water to the 190,000 people of our community. Many careful steps are taken to ensure the safest, highest-quality water is delivered to you and your family. The water you receive at your homes and businesses goes through a strenuous treatment process before going into the system of pipes for distribution throughout our service area. CVWD tests the water constantly, and we employ highly qualified treatment staff who take their jobs very seriously. Our treatment plant staff work 24 hours a day, 365 days a year, monitoring the safety of our water.



We encourage customers to be engaged and learn more about the quality of their water. One way you can do that is by reading our Water Quality Report which is compiled and provided to customers annually, as required by the Safe Drinking Water Act. CVWD's 2018 Water Quality Report will be available by June 1 and can be viewed at [CVWDwater.com](http://CVWDwater.com), or a hardcopy can be mailed upon request. While a new report only comes out once a year, we are here to ensure you receive the highest quality of water all year long.

**PREPARE • PROVIDE • PROSPER**  
*That's the Value of Water*  
Learn more at [CVWDvalue.com](http://CVWDvalue.com)

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## The Pipeline District News, Programs and Events WINTER 2019



### In This Issue:

- Monthly Billing
- General Manager Retirement
- Bill Payment Options
- Value of Water

### Notice to Customers

- Please Note Holiday Office Closures.
- Save the Date: Upcoming spring event! Details on back page.

### We're Going Monthly!

Since we were founded the focus of CVWD has been on meeting the needs of our customers. In the first decades of our formation, CVWD customers were mostly farmers and citrus growers. The District set up a system to bill these customers every two months based on how much water they used on their farms. This worked well for farmers, since some months would require more water than others and the bi-monthly structure would allow them to receive a more consistent customer billing statement.

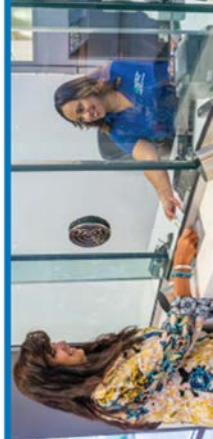
A lot has changed since our establishment in the 1950s, including that CVWD customers are no longer farmers and citrus growers. Today, 85% of our customers are residents and the rest are commercial, industrial, school or government. In an effort to continue meeting the needs of our customers, CVWD will be transitioning to monthly billing in 2019. (Continued on Pg. 2)

**CUCAMONGA VALLEY WATER DISTRICT**  
855-654-CVWD  
CVWDwater.com  
10440 Ashford St.  
R.C. 91730

### FOLLOW US!



## The Pipeline District News, Programs and Events SPRING 2019



### In This Issue:

- New General Manager
- Nitrate Project
- Value of Water
- Related Programs

### Notice to Customers

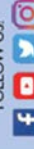
- Save the Date for Spring Event! Details on back page.

### Monthly Billing Coming Soon!

In the last issue of The Pipeline, we shared with you that CVWD will be changing from bi-monthly billing to monthly customer billing statements. We look forward to providing this enhanced service to customers as it offers many benefits. The main advantages of monthly billing include making it easier to budget for your water and wastewater service on a monthly basis, hearing from CVWD every 30 days instead of 60 days, and learning about potential leaks or excessive use in a timelier manner. Our goal is to make this change as seamless as possible for customers. Beginning this summer, you will start receiving 12 customer billing statements a year instead of six. The base charges that you currently see on your customer billing statement will be half the amount on the new monthly bill. This type of billing structure is consistent with the way most utilities bill their customers and is a more modern approach. We are here to serve the community not only with high-quality water service, but also the best customer service possible and monthly billing will enable us to do that. (Continued on Pg. 4)

**CUCAMONGA VALLEY WATER DISTRICT**  
855-654-CVWD  
CVWDwater.com  
10440 Ashford St.  
R.C. 91730

### FOLLOW US!



## Upcoming Holiday Closures

- December 24/25: Christmas Holiday
- December 31: Closed at 12:00 p.m. for New Year's Eve
- January 1: New Year's Day
- January 21: Martin Luther King Jr. Day

## Mark Your Calendars, Spring Events are Almost Here!

- February 1-April 30: Water Savvy Landscape Contest
- April 6: Earth Day & Open House Tour
- April 27: Water Savvy Garden Contest Awards Ceremony
- May 13: Fifth Grade Poster Contest
- March 18-24: Fix a Leak Week
- February 2: Landscape Workshops: Love for Succulents

### General Information

909-987-2591  
Customer Service: 855-654-CVWD  
Bill Pay: 855-654-CVWD  
CVWDwater.com  
Email: [info@CVWDwater.com](mailto:info@CVWDwater.com)  
Office Hours:  
Mon. through Thurs. 7:30 a.m. - 5:30 p.m.  
Friday 7:30 a.m. - 4:30 p.m.

### Board of Directors

James V. Curatolo Jr., President  
Luis Cetina, Vice President  
Oscar Gonzalez, Director  
Randall James Reed, Director  
Kathleen J. Tjagi, Director



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## Spring Calendar

- February 1-April 30: Water Savvy Landscape Contest
- April 6: Earth Day & Open House
- April 19: Office Closed at 12:00 p.m. for Good Friday
- April 27: Water Savvy Garden Tour
- May 27: Office Closed for Memorial Day
- May 30: Landscape Workshops: Water Savvy Plants and Composting
- Location: 10440 Ashford Street, R.C. Time: 5:30 - 7:30 p.m.

## May is Save Our Water Month!

Using water wisely is always important, and Save Our Water Month is a perfect time to encourage and educate customers to be water efficient in their homes and businesses.

### Here's How You Can Celebrate Save Our Water Month with CVWD:

- Register for an upcoming Landscape Workshop
- Participate in CVWD's Conservation Programs (Learn more on page 4)
- Share how you are saving water on social media and tag @CVWDwater!

### General Information

909-987-2591  
Customer Service: 855-654-CVWD  
Bill Pay: 855-654-CVWD  
CVWDwater.com  
Email: [info@CVWDwater.com](mailto:info@CVWDwater.com)  
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Kathleen J. Tjagi, Director



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# WATER SAWV *Landscape Contest*

BURKHARDT RESIDENCE



HILDEBRAND RESIDENCE



## 2018 CONTEST WINNERS



WILLIAMS RESIDENCE



RACOOSIN RESIDENCE

### WHAT YOU WIN:

- A \$250 gift card to a local nursery
- Participation in future CVWD Garden Tour
- A sign for your yard and other recognition

### JUDGING CRITERIA:

- Overall attractiveness
- Appropriate plant selection
- Landscape design
- Efficient methods of irrigation

*Apply  
today!*

APPLICATIONS DUE: **CVWDwater.com**

**APRIL 30, 2019 909-483-7486**



**PUBLIC REVIEW PERIOD**  
**DRAFT 2019 HAZARD MITIGATION PLAN**  
**FEBRUARY 4 - 18, 2019**

The Cucamonga Valley Water District has completed its Draft Hazard Mitigation Plan.

In an effort to reduce the Nation's mounting natural disaster losses, Congress passed the Disaster Mitigation Act of 2000 (DMA 2000). Section 322 of DMA 2000 requires that state and local governments develop a Hazard Mitigation Plan (HMP) in order to remain eligible for pre and post-disaster mitigation funding. These funds include the Hazard Mitigation Grant Program (HMGP), Hazard Mitigation Assistance (HMA), Flood Mitigation Assistance (FMA) and the Pre-Disaster Mitigation (PDM) programs, which are administered by the Federal Emergency Management Agency (FEMA). Agencies with an adopted and federally approved HMP are eligible for available mitigation funds before and after the next disaster strikes.

The Cucamonga Valley Water District (CVWD) has completed its FEMA-mandated HMP which is now available for input by the public. The HMP provides guidance on mitigating against hazards which for CVWD includes earthquakes, wildfire, flooding, drought, climate change and terrorism. Disasters can result in loss of life, property and infrastructure. In order to prevent or lessen the loss caused by disasters, the HMP helps communities by assessing vulnerabilities and identifying actions to reduce those risks. CVWD encourages customers to do their own hazard mitigation at their homes and businesses by following steps provided by FEMA available at [CVWDwater.com](http://CVWDwater.com) or [FEMA.gov](http://FEMA.gov).

Provide Comments: All interested parties are encouraged to review the draft HMP and send comments via mail to HR/Risk: 10440 Ashford Street, Rancho Cucamonga, CA 91730 or by email: [HR@cvwdwater.com](mailto:HR@cvwdwater.com).

**Comments are requested by 5:00 PM on  
Tuesday, February 19, 2019.**

The Draft Plan can be reviewed at [CVWDwater.com](http://CVWDwater.com) or a printed copy can be picked up at our office at 10440 Ashford Street, Rancho Cucamonga, CA 91730.



**PUBLIC REVIEW PERIOD**  
**DRAFT 2019 HAZARD MITIGATION PLAN**  
**FEBRUARY 4 - 18, 2019**

The Cucamonga Valley Water District has completed its  
Draft Hazard Mitigation Plan.

In an effort to reduce the Nation's mounting natural disaster losses, Congress passed the Disaster Mitigation Act of 2000 (DMA 2000). Section 322 of DMA 2000 requires that state and local governments develop a Hazard Mitigation Plan (HMP) in order to remain eligible for pre and post-disaster mitigation funding. These funds include the Hazard Mitigation Grant Program (HMGP), Hazard Mitigation Assistance (HMA), Flood Mitigation Assistance (FMA) and the Pre-Disaster Mitigation (PDM) programs, which are administered by the Federal Emergency Management Agency (FEMA). Agencies with an adopted and federally approved HMP are eligible for available mitigation funds before and after the next disaster strikes.

The Cucamonga Valley Water District (CVWD) has completed its FEMA-mandated HMP which is now available for input by the public. The HMP provides guidance on mitigating against hazards which for CVWD includes earthquakes, wildfire, flooding, drought, climate change and terrorism. Disasters can result in loss of life, property and infrastructure. In order to prevent or lessen the loss caused by disasters, the HMP helps communities by assessing vulnerabilities and identifying actions to reduce those risks. CVWD encourages customers to do their own hazard mitigation at their homes and businesses by following steps provided by FEMA available at [CVWDwater.com](http://CVWDwater.com) or [FEMA.gov](http://FEMA.gov).

Provide Comments: All interested parties are encouraged to review the draft HMP and send comments via mail to HR/Risk: 10440 Ashford Street, Rancho Cucamonga, CA 91730 or by email: [HR@cvwdwater.com](mailto:HR@cvwdwater.com).

**Comments are requested by 5:00 PM on  
Tuesday, February 19, 2019.**

The Draft Plan can be  
reviewed at [CVWDwater.com](http://CVWDwater.com) or  
a printed copy can be picked up at  
our office at  
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***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2018-2019***

***Fontana Water Company***





# GARDENING WORKSHOPS 2019

Fontana Water Company is offering FREE Gardening Workshops to its customers.

## GARDENING INTRO WORKSHOP

Saturday  
February 23rd  
9:00 am to 12:00 pm



## IRRIGATION SYSTEMS, WATERING, & WATER CAPTURE

Saturday  
March 9th  
9:00 am to 12:00 pm

## LANDSCAPE DESIGN BASICS WORKSHOP

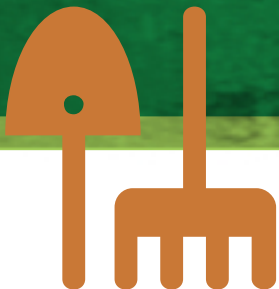
Saturday  
March 23rd  
9:00 am to 12:30 pm

## MULCHING, COMPOSTING, & SOIL WORKSHOP

Saturday  
April 13th  
9:00 am to 12:30 pm

## PLANT MAINTENANCE, PRUNING & MORE WORKSHOP

Saturday  
April 27th  
9:00 am to 12:30 pm



Workshops are limited to Fontana Water Company customers only. Recent water bill will be required before entering workshop. 35 seats are available for each date. Call (909) 822-2201 to register for a workshop

Event Location:

Fontana Water Company  
15966 Arrow Rte  
Fontana CA 92335





## **GARDENING WORKSHOPS 2019**

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### **IRRIGATION SYSTEMS, WATERING, & WATER CAPTURE**

Saturday  
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9:00 am to 12:00 pm

### **LANDSCAPE DESIGN BASICS WORKSHOP**

Saturday  
March 23rd  
9:00 am to 12:30 pm

### **PLANT MAINTENANCE, PRUNING, & MORE WORKSHOP**

Saturday  
April 27th  
9:00 am to 12:30 pm

WORKSHOPS ARE LIMITED TO FONTANA WATER COMPANY CUSTOMERS ONLY. 35 SEATS ARE AVAILABLE FOR EACH DATE. PLEASE MAKE SURE TO BRING A RECENT WATER BILL TO EACH WORKSHOP DATE, A BILL WILL BE REQUIRED BEFORE ENTERING WORKSHOP. CALL (909) 822-2201 TO REGISTER FOR A WORKSHOP DATE.

EVENT LOCATION:

FONTANA WATER COMPANY  
15966 ARROW RTE  
FONTANA CA 92335

***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2018-2019***

***Monte Vista Water District***



New water saving program for Monte Vista Water District customers!

# Landscape Irrigation Tune-Up

This **FREE** program provides customers with assistance by maximizing the efficiency of their existing irrigation system. Services provided include:



- Controller programming
- Controller scheduling
- Replacement of broken sprinkler nozzles/heads (within reason)
- Valve repair/replacement when leaking or not working
- Valve rewiring
- Minor repairs to leaking irrigation lines
- Flushing of drip systems

**\*Participation in the Landscape Irrigation Tune-Up may qualify customers for other retrofit programs offered by MVWD.\***

For more information and to sign up, give us a call at 909.267.2130 or visit [www.mvwd.org](http://www.mvwd.org).

**WATER**  
**YOU Doing...**

**Monte Vista**  
Water District



**DITCH  
YOUR GRASS.  
CLAIM YOUR REBATE!**

**Attn: Monte Vista Water District Customers**

## **THE TURF REMOVAL REBATE IS NOW BIGGER THAN EVER!**

*Take advantage of this opportunity to swap out  
your lawn for a beautiful, water efficient landscape!*

### **Residential customers**

are eligible for \$3.50 per sq. ft.;  
up to 5,000 sq. ft. area.

### **Commercial customers**

are eligible for \$3.00 per sq. ft.;  
up to 50,000 sq. ft. area.

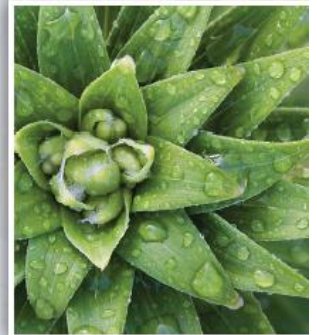
**FUNDS ARE LIMITED** and will be disbursed on a first-come, first-served basis.  
Before beginning your project, visit [bewaterwise.com](http://bewaterwise.com) for complete details and to apply.

**Not sure where to start with designing your water efficient landscape?**

We have resources for that, too!

**If you have any questions, please call 909.624.0035 x 130.**

*Si necesita este informe en español, llame al 909.624.0035 x 130.*



# **DID YOU KNOW?**

**Monte Vista**  
Water District  
[www.MVWD.org](http://www.MVWD.org)  
(909) 624-0035

**Monte Vista Water District responds to all leak reports in a timely manner,**  
following required industry procedures that protect the safety of our workers and the public.

The District must file a **"Dig Alert"** for all reported leaks. This is a request for other utilities (gas, electric, telephone, and cable) to mark the location of their infrastructure prior to our crews digging in the street. Following notification, utility agencies have two (2) business days to respond to Dig Alerts, which means repairs can't be scheduled for a *minimum* of two business days.

**For severe leaks that pose an immediate threat to property or physical injury, the District will expedite the repairs while utility agencies respond to the Dig Alert request.**

While the District can't predict where and when a leak may occur, we respond to all leak reports immediately and prioritize their repair based on standard industry procedures focused on the protection of public safety and property.



**To report a leak, call us at:  
909-624-0035**



# RECOMMENDED LOCAL WATERING SCHEDULE

Place this schedule on your refrigerator or next to your automatic irrigation controller and adjust your watering seasonally according to the information below.

## Summer (July - September)

TUE	THU	SAT
5 a.m.	5 a.m.	5 a.m.
7 mins	7 mins	7 mins
6 a.m.	6 a.m.	6 a.m.
7 mins	7 mins	7 mins

## Fall (October - December)

TUE	THU	SAT
5 a.m.	5 a.m.	5 a.m.
6 mins	6 mins	6 mins

## Winter (January - March)

TUE	THU	SAT
5 a.m.	5 a.m.	-
6 mins	6 mins	-

## Spring (April - June)

TUE	THU	SAT
5 a.m.	5 a.m.	5 a.m.
6 mins	6 mins	6 mins
6 a.m.	6 a.m.	6 a.m.
6 mins	6 mins	6 mins

Times shown are for spray heads; double times for rotor heads. Use "Schedule A" and "Schedule B" feature for multiple cycles. Adjust watering time based on weather and plant health.

**Monte Vista**  
www.MVWD.org  
(909) 624-0035



## What are you doing to FIX LEAKS?

You don't have to be a plumber to find tricky leaks! Listen and watch out for pesky faucet and showerhead drips. Replace worn out toilet flappers, sink valves and rubber washers to save up to 50 gallons a day – and shave charges off your water bill. Now that makes sense!



Learn More Water Saving Tips at:  
**MVWD.org**

## Monte Vista Water District customers: Take advantage of our available rebates!

High-Efficiency Clothes Washer..... \$160  
Premium High Efficiency Toilet..... \$100  
Rotating Nozzles (per nozzle)..... \$5  
*Free for qualifying customers through Nozzle Retrofit Program – call 909.657.4414*

### Smart Irrigation Controller

Less than one acre..... \$160  
More than one acre..... \$45

*Free for qualifying customers through Smart Irrigation Controller Upgrade Program – call 909.657.4414*

### Soil Moisture System

Less than one irrigated acre..... \$160  
One irrigated acre or more (per station)..... \$45

Rain Barrel (max 2 per home)..... \$35

Turf Removal (max 1,500 sq.ft.)..... \$2.50

MVWD customers may also visit the Waterwise Community Center ([www.cbwcd.org](http://www.cbwcd.org)) in Montclair for additional resources to help complete the turf removal rebate online, including workshops and direct assistance with meeting program requirements.

**\*Rebates also available for CII customers. Call 909.267.2130 for more information.**

Funds are limited and will be distributed on a first-come, first-served basis.

Visit [www.socalwatersmart.com](http://www.socalwatersmart.com) for a complete list of rebates and to apply. If you have any questions, please call 909.267.2130.



[www.MVWD.org](http://www.MVWD.org)  
(909) 624-0035



# Free Water Saving Programs



## ✓ SPRINKLER NOZZLE INSTALLATION PROGRAM

- Detailed evaluation of irrigation system
- High efficiency nozzles and installation
- Must have automatic irrigation system

## ✓ SMART IRRIGATION CONTROLLER UPGRADE PROGRAM

- Weather-based irrigation controller including installation
- Must have min. irrigated area of 500 sq ft & attend a workshop

## ✓ IRRIGATION SURVEY & RETROFIT PROGRAM

- Evaluation of irrigation system
- Weather-based irrigation controller and high efficiency nozzles with installation
- Must have a min. of 1/4 acre property

## ✓ LANDSCAPE TUNE-UP PROGRAM

- Weather-based irrigation controller programming and scheduling
- Sprinkler nozzle/ head replacement
- Valve rewiring/ repair/ replacement



**WATER**  
YOU DOING...

**SIGN UP  
TODAY!**

909-267-2130

# Programas Gratuitos para Ahorrar Agua



## ✓ ROCIADORES DE ALTA EFICIENCIA

- Evaluación detallada de sistema de riego
- Instalación de rociadores gratuita
- Debe tener sistema de riego automático

## ✓ CONTROLADOR DE IRRIGACION "INTELIGENTE"

- Controlador de riego basado al clima
- Instalación gratuita
- Debe tener área de riego mín. de 500 pies cuadrados y asistir un taller

## ✓ ACTUALIZACIÓN DE SISTEMA DE RIEGO

- Evaluación detallada de sistema de riego
- Controlador de riego basado al clima Y rociadores de alta eficiencia con instalación gratuita
- Debe tener área de riego mín. de 1/4 de acre

## ✓ MANTENIMIENTO DE SISTEMA DE RIEGO

- Programación de su controlador de riego
- Reemplazo de rociadores de alta eficiencia
- Recableado de sistema de riego



**¡AGUAS!  
¿QUÉ haces?**

**¡REGÍSTRESE  
HOY!**

909-267-2130





**Monte Vista**  
Water District



**CONTEST ENDS  
JULY 31, 2019**

## **Ditch your grass. Claim your rebate!**

Customers can now apply for a turf  
removal rebate of \$3.50 per square foot!







## IS YOUR FAMILY PREPARED FOR A DISASTER?

September is **National Preparedness Month**, which is a great reminder to gather your disaster supplies. Follow these tips when storing water for an emergency:

- ◆ Minimum 1 gallon of water per person per day for 3 days (for drinking and sanitation)
- ◆ Consider additional water storage for family members with special needs (infants, elderly, pets, etc.), seasonal weather and food preparation
- ◆ Replace stored water every 6 months
- ◆ Store a bottle of unscented liquid household chlorine bleach to disinfect your water, if necessary

*For more information on how to prepare for an emergency, visit the District website at [mvwd.org/disasterprep](http://mvwd.org/disasterprep) or [ready.gov](http://ready.gov).*



## ¿ESTÁ SU FAMILIA PREPARADA PARA UN DESASTRE?

Septiembre es el **Mes Nacional de Preparación** – un gran recordatorio para juntar sus suministros para desastres. Siga estas sugerencias cuando almacene agua para una emergencia:

- ◆ Mínimo 1 galón de agua por persona por día durante al menos tres días (para beber y saneamiento)
- ◆ Considere el almacenamiento de agua adicional para los miembros de la familia con necesidades especiales (bebés, ancianos, mascotas, etc.), el clima estacional y la preparación de alimentos
- ◆ Reemplaze el agua almacenada cada seis meses
- ◆ Almacene una botella de cloro líquido sin aroma para desinfectar el agua, si es necesario

*Para obtener más información sobre cómo prepararse para una emergencia, visite el sitio web del Distrito en [mvwd.org/disasterprep](http://mvwd.org/disasterprep) o [ready.gov](http://ready.gov).*



***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2018-2019***

***City of Ontario***







# **FREE WORKSHOP**

## **DROUGHT TOLERANT PLANTS & SEASONAL IRRIGATION**

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**July 21 • 8:30 AM - 12 PM**

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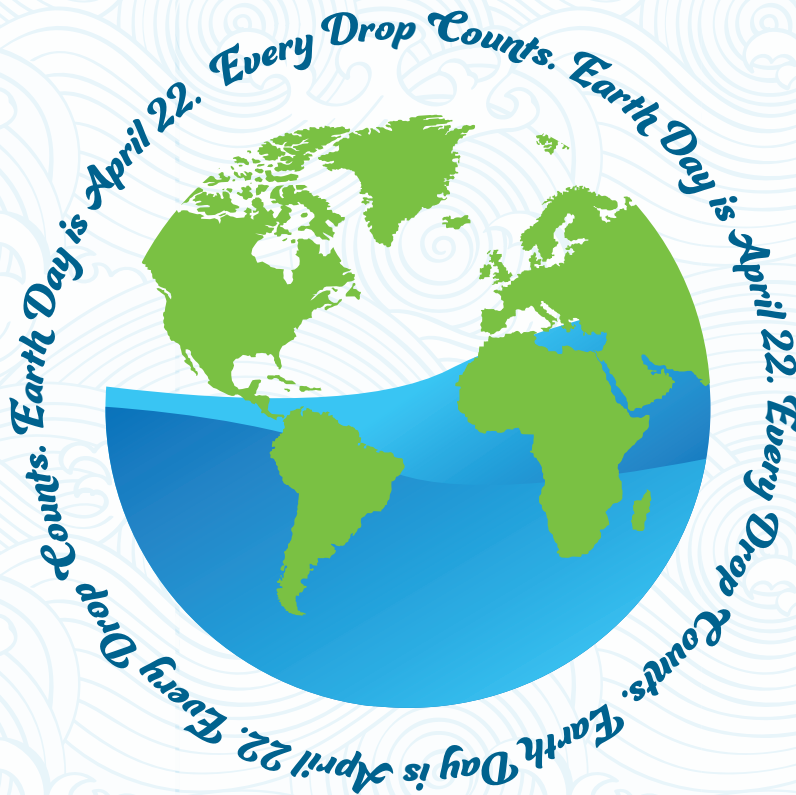
**Chino Basin Water Conservation District**  
4594 San Bernardino Street  
Montclair, CA 91763

**FOR MORE INFORMATION, CALL (909) 395-2614**



# *National Mayor's Challenge*

## **WATER CONSERVATION**



**EARTH DAY IS ON APRIL 22!**

Join us in celebrating Earth Month by taking part in the National Mayor's Challenge for Water Conservation from April 1 - 30, and tell us ways you plan on saving water, energy, and more. Enter to win prizes through April 30th.



Take the Pledge at [MyWaterPledge.com](http://MyWaterPledge.com)





# Taller Gratuito de Jardinería Sostenible

Acompáñenos a un Taller Gratuito de Jardinería Sostenible el sábado 29 de Junio de 9:00AM a 12:00PM en el Centro Comunitario Dorothy A. Quesada ubicado en el 1010 S Bon View Av. en Ontario.

El taller tiene un requerimiento mínimo de asistencia y es sujeto a ser cancelado. Por favor regístrese en el Jardín Comunitario Huerta Del Valle o en el Centro Comunitario Dorothy A. Quesada. Se proveerán refrescos durante el taller y se rifarán plantas tolerables a la sequía.



**Por favor regístrese llamando al (909) 395-2614  
o escribiendo a [waterwise@ontarioca.gov](mailto:waterwise@ontarioca.gov).**







Prepared By:  
Lisa Morgan-Perales, Sr. Water Resources Analyst  
Chris Garcia, Intern  
Aaron Ramirez, Intern